

**Table S4.** Genes used in cDC, CD8+ DC and pDC gene signatures.

Gene sets with specific expression in cDC, CD8+ DC or pDC subsets were compiled using data from Miller et al., 2012.

Subset specific signature genes were used to create heatmaps of differential gene expression across DC subsets in the microarray

cDC Gene Signature	CD8+ DC Gene Signature	pDC Gene Signature
1700025G04Rik	1700009J07Rik	1190002A17Rik
2810417H13Rik	5430435G22Rik	1700024P16Rik
4930506M07Rik	A530099J19Rik	2210020M01Rik
5033414K04Rik	Aif1	2610018G03Rik
Adam23	Alms1	4930572J05Rik
Adam8	Cd36	A130050O07Rik
Aim1	Dbn1	Abca5
Anpep	Fam149a	Ablim1
Anxa1	Fgd6	Angptl7
Arhgap26	Fzd1	Ap1m2
Arrb1	Gpr33	Arhgap24
Asap1	Hepacam2	Asph
Asb2	Htr7	Blnk
Atf3	Ifi205	Cacna1d
Atp8b4	Igf2r	Card6
Batf3	Ipcef1	Cdc14b
Bcl2a1a	Itga1	Cdh1
Bcl2a1b	Itgae	Clec4g
Bcl2a1c	Leprel1	Cmah
Bcl2a1d	Met	Dnajc13
Bub1	Ppap2a	Duxbl
Bub1b	Sh3pxd2b	Ear14
C130092O11Rik	Slc22a21	Efcab4b
Ccna2	Snx22	Erbb3
Ccnb2	Tlr3	Eya1
Ccr12	Tmeff1	Fads3
Cd80	Ttc39a	Fam169b
Cd81	Xcr1	Fggy
Cd83		Figf
Cd86	<b>No. Genes: 28</b>	Gcom1
Cd9		Gimap1
Cdca7		Gimap9
Cep55		Gm10790
Chn2		Gm10838
Cxcl16		Gm12253
Ddef2		Gm14207
Dlgap5		Gm6498
Dna2		Gpr174
Dock5		Gria3
Dock7		Grm8

E2f8	
Ear2	
Egr1	
Eps8	
Errfi1	
Fam38a	
Fgl2	
Gatm	
Gm11545	
Gm6377	
Gpr124	
Gpr82	
Grk5	
Havcr2	
Hk2	
Hnrpl	
Id2	
Ifitm2	
Igsf6	
Il1b	
Kif11	
Kif23	
Klri1	
Lfng	
Lpcat2	
Lpcat4	
Lrrc25	
Lrrk2	
Lrrk2	
Ly75	
Lyz1	
Mctp1	
Melk	
Mki67	
Mllt4	
Myc	
Nav1	
Ncapg	
Nck2	
Nck2	
Neurl3	
Nlrp1b	
Nlrp1c	
Nostrin	
Nr4a3	
Nuf2	
Pak1	
Parp12	
Pglyrp1	

Hs3st1	
Hsd11b1	
Igf1r	
Ikzf2	
Ikzf3	
Il17rb	
Itsn1	
Klk1	
Klk1b21	
Klra17	
Ldhb	
Lynx1	
Maged1	
Mcart6	
Mctp2	
Mgst2	
Obscn	
Olf164	
Olf165	
Olf166	
P2ry12	
Pacsin1	
Paqr5	
Pdzd4	
Peli2	
Pkig	
Plod2	
Pnck	
Ppm1e	
Ppm1l	
Prkca	
Prrg4	
Rpgrip1	
Scrn1	
Sit1	
Slc39a14	
Slco4a1	
Srl	
St3gal6	
Tmem163	
Upb1	
Wfs1	
Xkrx	
Ysk4	
Zc3h12b	
Zcchc24	
Zfp521	
Zfp658	

Pole Prkar2a Pstpip2 Ptpn22 Pvrl1 Rab11fip1 Rab31 Rab32 Ralb Rasgef1b Rasgrp3 Rnf144b Rnf150 Rrm2 Rtn1 Sash1 Sgk1 Slamf8 Spint1 Spire1 Spred1 St3gal5 Sulf2 Tgfbf Tlr11 Tlr13 Tnfrsf21 Top2a Tpx2 Tspan33 Ttc39b Ttc39b Tubb6 Wdfy3 Zbtb46 Zfp366  <b>No. Genes: 125</b>		<b>No. Genes: 88</b>
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