

Supplementary Table 2. Gene signatures used in GSEA analysis.

cDC2>ALL	DC3>ALL	cDC2>DC3	DC3>DC2	cDC2>ALL	DC3>ALL	cDC2>DC3	DC3>DC2
CD1C	S100A9	HLA-DPB1	BACH1		NFE2	TOP1MT	SULT1A1
FCER1A	S100A8	HLA-DQB1	CA5BP1		ASGR1		TOM1
CLEC10A	VCAN	HLA-DQA1	TSC2		BST1		KCNE3
ADAM8	LYZ	HLA-DQA2	SHOC2		IL1RN		PYGL
CD1D	ANXA1	CD1C	HPCAL1		NOD2		SLC11A1
FCGR2B	PLBD1	HLA-DOB	PVR		NLRP3		HK3
CLEC4A	RNASE2	P2RY14	RIPK2		LMNA		ACSL1
SLC2A3	FCER1A	ARL4C	STIM1		CARD19		IER3
CD33	SLC2A3	CLIC2	ID1		IL27RA		CFD
ETS2	CD163	CLEC17A	IKBKE		NLRP12		LMNA
CLIC2	CSF3R	C10ORF128	KCNN4		RAB27A		MSRB1
PEA15	MNDA	CALHM6	EMP1		EREG		TREM1
CACNA2D3	CD14	ASAP1	PLPPR2				PILRA
CD1E	NAIP	SLC41A2	GPBAR1				ASGR1
MBOAT7	CSTA	SLAMF7	MKNK1				TXNRD1
C10ORF128	FCN1	CST7	KIAA0513				GLUL
NR4A2	CD1D	PKIB	FOXO3				PSTPIP1
GPAT3	FPR1	HSPA7	EMC3				CSF3R
ENTPD1	F13A1	CXCL16	YWHAG				STAB1
CD2	CLEC10A	RUNX3	TAB1				RETN
PER1	CES1	WDFY4	OSM				SERPINA1
PID1	PID1	IL18R1	GABARAPL1				SLC7A7
AREG	S100A12	FCGR2B	ASPH				CTSD
PTGS1	MTMR11	MYO1E	PDLIM7				NEAT1
SMN1	SMN1	AXL	QPCT				CES1P1
CLEC17A	LAT2	PEA15	RIN2				FPR1
ITGA5	RETN	SIGLEC10	MRPS23				CD163
CREB5	TMEM173	CD1E	PLXND1				S100A12
PTAFR	AOAH	GOLGA8B	CLEC12A				CYBB
NOD2	RAB3D	IFITM1	TMEM176A				F13A1
CCR6	CD36	ITGB2-AS1	PISD				CES1
	MGST1	FEZ1	PLA2G7				BST1
	TREM1	INSIG1	TMEM141				MTMR11
	HNMT	SPATS2L	NINJ1				CD36
	CES1P1	GRIP1	AGTRAP				MGST1
	ADAM15	MCOLN2	BLVRA				RAB3D
	IL13RA1	SERTAD3	HBEGF				PLBD1
	MICAL2	PPP1R14A	DMXL2				TMEM176B
	ITGA5	UVRAG	CARD19				CD14
	CREB5	SIGLEC6	IL1B				FCN1
	IL1B	KPNA6	NLRP12				RNASE2
	NR4A2	LGMN	SORL1				VCAN
	MPP7	SPIB	NFE2				S100A8
	PTAFR	SNRPN	ADAM15				S100A9
	HBEGF	WFDC21P	CCDC69				

Note: Discriminative genes for each subset reported by Villani *et al.*