

Gene signature	expt series	genes	Mono/Macro	pDC	CD8a cDC	CD11b cDC	NK	CD8 T	CD4 T	B	Splenocytes	Primers (F=Forward; R=Reverse)							
non-DC																			
	#	Gimap4	0.216	*	*	*	0.740	1.000	0.688	0.930	-	F-CGG GGT TCA TCC CAG AAA GTT; R-CCC CAA GGA TAC TGT TCC CTG							
	#	Vps37b	0.603	*	*	*	0.601	1.000	0.504	0.491	-	F-ACA TGG TGG GGG TAT GGA; R-TTT GGG TCA GGC GAG CTT TC							
	#	Fcer2a	*	*	*	*	*	*	*	1.000	-	F-CTG GGA ACC TCC TAG AAA GC G; R-CCC CAC CAA CAT GAG CTG T							
	\$	Lat	-	0.004	*	0.001	*	0.732	1.000	-	0.072	F-TCC CTG TTG TCT CCT CTG CT; R-CTC TGC GCT CTC CTC ATC CT							
pan-DC																			
	#	Flt3	0.008	0.985	1.000	0.844	*	*	*	*	-	F-GTG ACT GGC CCC CTG GAT ACG AG; R-TCC AAG GGC GGG TGT AAC TGA ACT							
	#	Scarb1	0.209	0.831	1.000	0.806	*	*	*	*	-	F-TTT GGA GTG GTA GTA AAA AGG GC; F-TGA CAT CAG GGA CTC AGA TAG							
	#	Sh3tc1	*	0.469	0.910	1.000	*	*	*	*	-	F-TGT ATC CAA CAG ACC TGA CC; R-GTC TTA AAT GTC ACC ACG ATC C							
	#	Trit1	*	1.000	0.459	0.332	0.012	0.007	0.015	0.007	-	F-AAG TGG TTG ATC GGA AAG TAG AG; R-CTC ATC TAG AAC TGC CTG GTC							
	\$	Bri3bp	-	1.000	0.399	0.492	0.067	0.129	0.153	-	0.262	F-AGA GCG TGA GCA GCC TCT TC; R-CCA AAC TTT CCA TAA CGT CTC TAA GA							
cDC																			
	#	Ciita	0.011	0.002	0.755	1.000	*	*	*	0.014	-	F-ACA CAG ATA CCA TCA ACT GC; R-CCA ATG TGC TCT ATG AAG AGG							
	#	Arhgap22	0.007	0.004	0.523	1.000	*	*	*	*	-	F-AGA TAC ATC TGC AAG TTT ATG G; R-GAT GGT TAC TGG ATC CTC TAT CTG							
	#	Btbd4	0.041	0.084	1.000	0.622	*	*	*	*	-	F-ATC ACT TCT CAC TAC CGG CAT; R-ACG TTC TTA TGT GCC TTG AAG AC							
	#	Slamf8	*	*	1.000	0.992	*	*	*	*	-	F-TCT CCT TCC CGT TGT GGT TG; R-CCA GAT AGC CTC ACG CAC TTG							
	\$	9130211i03Rik	-	0.004	1.000	0.841	*	*	*	-	0.015	F-CGG AAG AAG CAG ACC CAG AAG; R-CTG CGC AGC ACA GAG TTC TC							
	\$	Nav-1	-	0.007	0.052	1.000	*	*	*	-	0.046	F-CTC AAA GTC GCA GGC AAA CC; R-GAG CGT TGT AGC CCA GTG TTC C							
CD8a cDC																			
	#	Igsf4a	0.159	0.144	1.000	0.419	*	*	*	*	-	F-GAT CCC CAC AGG TGA TGG AC; R-TGA TGG TTG CCA CTT CTC CT T							
	#	Gcet2	*	*	1.000	*	*	*	*	*	-	F-AGG ACAA CCA GAT ACT TCA GGG; R-AGG ATG TAG CAC AAC TCT TCT GT							
	#	BC028528	*	*	1.000	*	*	*	*	*	-	F-TTG ACC TTT GTC CCA ATG C; R-AGG TTG GAG GCA CAC ATA GG							
CD11b cDC																			
	#	Pram1	*	*	*	1.000	*	*	*	*	-	F-CCC ATC AAT ATC CAA AGC TTC AG; R-ACA GCA TTT CAT CTC TGC CT							
	#	Cyp4f16	*	*	*	1.000	*	*	*	*	-	F-GCT GAC ACC TTT ATG TTT GGA; R-AGG TCG TCC CAT TCA ATC TC							
	#	Gpr43	*	*	0.001	1.000	*	*	*	*	-	F-GAT TAC AGG TTC CAC AGC AC; R-AGT TCT GAC TGC TCA CAT CC							
pDC																			
	#	SiglecH	*	1.000	*	*	*	*	*	*	-	F-GGA GGC AAA ACA TGG AAT TTA TG; R-CAC ATC ACA TTG GTA GGA CGA C							
	#	Epha2	*	1.000	*	*	*	*	*	*	-	F-GGC CGA GCG CAT CTT TAT TG; R-AGT CAC TGC TGA CCG TGA TCT							
	#	Pacsin1	*	1.000	*	*	*	*	*	*	-	F-GAG GTG GGG AAC TAC AAG CG; R-GTA TGC CTT CTC GAT CTT GGC							
	\$	Tex2	-	1.000	0.105	0.039	0.002	0.046	0.331	-	0.105	F-CCG GCG GGT GTT TCT G; R-GAC TGC TGT GCC TGC TGT GT							
	\$	Runx2	-	1.000	0.005	0.040	0.172	0.009	0.005	-	0.021	F-CCA GGC AGG TGC TTC AGA A; R-AGG GAT GAA ATG CTT GGG AAC T							
	\$	Tcf4	-	0.398	0.049	0.026	0.179	0.002	0.010	-	1.000	F-GGG CTC AGG GTA CGG AAC TAG; R-TCA GAC CCA CGC CAT C							
			* = NOT DETECTED																
			- = NOT TESTED																
Samples were run on an ABI 7900HT Fast Real-Time PCR System (Applied Biosystems), 40 cycles, using the QuantiTect SYBR Green PCR Kit (Qiagen)																			
Relative gene expression was calculated using the $\Delta\Delta Ct$ method																			
TATA box binding protein (TBP) and Hypoxanthine-guanine phosphoribosyltransferase (Hprt) were used as the endogenous control housekeeping genes																			
For each gene, the value for the cell type with highest expression was calculated as 1																			
# experiment series 1 with TBP housekeeping control gene (SHR)																			
\$ experiment series 2 with Hprt housekeeping control gene (GB)																			
		Primers for																	
		TBP	F-AGAACAATCCAGACTAGCAGCA						Hprt				F-GGC CCT CTG TGT GCT CAA G						
			R-GGGAACCTTCACATCACAGCTC										R-CTG ATA AAA TCT ACA GTC ATA GGA ATG GA						