

Suppl Table 3. Naming and phenotypic definitions of leukocyte and lymphocyte subsets

	Short name	Full name	Phenotypic definition *	Flow panel
1	Neutro	Neutrophils	FSC ^{hi} SSC ^{hi} CD16 ^{hi} CD14 ⁻	A
2	Eosin	Eosinophils	FSC ^{hi} SSC ^{hi} CD16 ^{dim} CD14 ⁻	A
3	Baso	Basophils	FSC ^{dim} SSC ^{dim} lin2 ⁻ HLA-DR ⁻ CD123 ⁺	A
4	classMono	classical monocytes	FSC ^{dim} SSC ^{dim} lin2 ⁻ CD11c ⁺ HLA-DR ⁺ CD14 ⁺ CD16 ⁻	A
5	interMono	intermediate monocytes	FSC ^{dim} SSC ^{dim} lin2 ⁻ CD11c ⁺ HLA-DR ⁺ CD14 ⁺ CD16 ⁺	A
6	noncMono	Non-classical Monocytes	FSC ^{dim} SSC ^{dim} lin2 ⁻ CD11c ⁺ HLA-DR ⁺ CD14 ⁻ CD16 ⁺	A
7	NK	NK cells	FSC ^{dim} SSC ^{dim} lin2 ⁻ CD16/CD56 ⁺	A
8	mDC	myeloid DC	FSC ^{dim} SSC ^{dim} lin2 ⁻ CD11c ⁺ HLA-DR ⁺ CD14 ⁻ CD16 ⁻	A
9	pDC	plasmacytoid DC	FSC ^{dim} SSC ^{dim} lin2 ⁻ HLA-DR ⁺ CD123 ⁺ CD14 ⁻ CD11c ⁻	A
10	Lymphs	Lymphocytes	FSC ^{dim} SSC ^{dim} CD45 ⁺	B
11	└ T	T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺	B
12	└ Tgd	gamma delta T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ TCRgd ⁺	B
13	└ TCD4	CD4 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD4 ⁺	B
14	└ TCD4naive	naive CD4 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁺ CD27 ⁺	B
15	└ TCD4CM	Central Memory CD4 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁻ CD27 ⁺	B
16	└ TCD4EM	Effector Memory CD4 T cells	FFSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁻ CD27 ⁻	B
17	└ TCD4TEMRA	TEMRA CD4 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD4 ⁺ CD45RA ⁻ CD27 ⁺	B
18	└ TCD8	CD8 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD8 ⁺	B
19	└ TCD8naive	naive CD8 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁺ CD27 ⁺	B
20	└ TCD8CM	Central Memory CD8 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁻ CD27 ⁺	B
21	└ TCD8EM	Effector Memory CD8 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁻ CD27 ⁻	B
22	└ TCD8TEMRA	TEMRA CD8 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ⁻ CD27 ⁺	B
23	└ TCD8RAdim	CD45RA ^{dim} CD27 ⁺ CD8 T cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD3 ⁺ CD8 ⁺ CD45RA ^{dim} CD27 ⁺	B
24	└ B	B cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD19 ⁺	B
25	└ Bnaive	naive B cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD19 ⁺ CD27 ⁻ IgM ⁺ IgD ⁺	B
26	└ BnatEff	Natural Effector B cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD19 ⁺ CD27 ⁺ IgM ⁺ IgD ⁺	B
27	└ BIgM	IgM-only memory B cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD19 ⁺ CD27 ⁺ IgM ⁺ IgD ⁻	B
28	└ BswMem	Ig-switched Memory B cells	FSC ^{dim} SSC ^{dim} CD45 ⁺ CD19 ⁺ CD27 ⁺ IgM ⁻ IgD ⁻	B

29	└ Bdn	CD27- IgM- IgD- B cells	FSC ^{dim} SSC ^{dim} CD45+CD19+CD27-IgM-IgD-	B
30	└ B27high	plasma cells	FSC ^{dim} SSC ^{dim} CD45+CD19+CD27++	B
31	└ BnaiveTo	Naive B-cells Tonsil	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD27 ⁻ CD38-IgM ⁺ IgD ⁺	C
32	└ CC	Centrocytes	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD38-IgM ⁺ IgD ⁻	C
33	└ CB	Centroblasts	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD38 ⁺ IgM-IgD ⁻	C
34	└ UnswtMem	Unswitched Memory B-cells	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD27 ⁺ CD38-IgM ⁺ IgD ⁺	C
35	└ SwtMem	Switched Memory B-cells	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD27 ⁺ CD38-IgM-IgD ⁻	C
36	└ PC	Plasma cells	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD27 ^{hi} CD38 ^{hi}	C
37	└ CD138negPC	CD138negPlasma cells	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD27 ^{hi} CD38 ^{hi} CD138 ⁻	C
38	└ CD138posPC	CD138posPlasma cells	FSC ^{dim} SSC ^{dim} CD19 ⁺ CD3 ⁻ CD27 ^{hi} CD38 ^{hi} CD138 ⁺	C
39	DN34p	CD34+ double negative	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4-CD8-CD3-CD34+CD1a-	D
40	DN34m1ap	CD34-CD1a+ double negative	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4-CD8-CD3-CD34+CD1a+	D
41	CD4ISP	CD4+ immature single positive	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4+CD8-CD3-CD44-CD1a+	D
42	DP3m	Double positive CD3-	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4+CD8+CD3-	D
43	DP3p	Double positive CD3+	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4+CD8+CD3+	D
44	CD4SP1ap	CD4+ single positive CD1a+	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4+CD8-CD3+CD44+CD1a+	D
45	CD4SP1am	CD4+ single positive	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4+CD8-CD3+CD44+CD1a-	D
46	CD8SP1ap	CD8+ single positive CD1a+	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4-CD8+CD3+CD44+CD1a+	D
47	CD8SP1am	CD8+ single positive	FSC ^{dim} SSC ^{dim} Lin1-DAPI-CD4-CD8+CD3+CD44+CD1a-	D
* Lin1 = CD13/CD19/CD33/CD16/CD56; Lin2 = CD19/CD3/CD34				