

Cell Definitions for MetaCyto	Cell Definitions for flowDensity	Cell Definitions for ACDC	Name
CD123+ HLADR-	CD123+HLADR-	CD123+ HLADR-	basophils
CD14- CD33-	CD14-CD33-		lymphocytes
CD14- CD33- CD3-	CD14-CD33-/CD3-		non-T lymphocytes
CD14- CD33- CD3- CD16+ CD56+	CD14-CD33-/CD3-/CD16+CD56+	CD14- CD33- CD3- CD16+ CD56+	NK cells
CD14- CD33- CD3- CD16+ CD56+ CD161-	CD14-CD33-/CD3-/CD16+CD56+/CD161-		CD161- NK cells
CD14- CD33- CD3- CD16+ CD56+ CD161+	CD14-CD33-/CD3-/CD16+CD56+/CD161+		CD161+ NK cells
CD14- CD33- CD3- CD16+ CD56+ CD57-	CD14-CD33-/CD3-/CD16+CD56+/CD57-		CD57- NK cells
CD14- CD33- CD3- CD16+ CD56+ CD57+	CD14-CD33-/CD3-/CD16+CD56+/CD57+		CD57+ NK cells
CD14- CD33- CD3- CD16+ CD56+ CD94-	CD14-CD33-/CD3-/CD16+CD56+/CD94-		CD94- NK cells
CD14- CD33- CD3- CD16+ CD56+ CD94+	CD14-CD33-/CD3-/CD16+CD56+/CD94+		CD94+ NK cells
CD14- CD33- CD3- CD16+ CD56+ HLADR-	CD14-CD33-/CD3-/CD16+CD56+/HLADR-		HLADR- NK cells
CD14- CD33- CD3- CD16+ CD56+ HLADR+	CD14-CD33-/CD3-/CD16+CD56+/HLADR+		HLADR+ NK cells
CD14- CD33- CD3- CD19+ CD20+	CD14-CD33-/CD3-/CD19+CD20+		B cells
CD14- CD33- CD3- CD19+ CD20+ CD24- CD38+	CD14-CD33-/CD3-/CD19+CD20+/CD24-CD38+	CD14- CD33- CD3- CD19+ CD20+ CD24- CD38+	naive B cells
CD14- CD33- CD3- CD19+ CD20+ CD24+ CD38-	CD14-CD33-/CD3-/CD19+CD20+/CD24+CD38-	CD14- CD33- CD3- CD19+ CD20+ CD24+ CD38-	memory B cells
CD14- CD33- CD3- CD19+ CD20+ CD24+ CD38+	CD14-CD33-/CD3-/CD19+CD20+/CD24+CD38+	CD14- CD33- CD3- CD19+ CD20+ CD24+ CD38+	transitional B cells
CD14- CD33- CD3- CD19+ CD20+ IgD- CD27-	CD14-CD33-/CD3-/CD19+CD20+/IgD-CD27-		IgD-CD27- B cells
CD14- CD33- CD3- CD19+ CD20+ IgD- CD27+	CD14-CD33-/CD3-/CD19+CD20+/IgD-CD27+		IgD-CD27+ B cells
CD14- CD33- CD3- CD19+ CD20+ IgD+ CD27-	CD14-CD33-/CD3-/CD19+CD20+/IgD+CD27-		IgD+CD27- B cells
CD14- CD33- CD3- CD19+ CD20+ IgD+ CD27+	CD14-CD33-/CD3-/CD19+CD20+/IgD+CD27+		IgD+CD27+ B cells
CD14- CD33- CD3- CD20-	CD14-CD33-/CD3-/CD20-		CD20- CD3- lymphocytes
CD14- CD33- CD3- CD20- CD27+ CD38+	CD14-CD33-/CD3-/CD20-CD27+CD38+	CD14- CD33- CD3- CD20- CD27+ CD38+	plasmablasts
CD14- CD33- CD3- CD56+ CD16-	CD14-CD33-/CD3-/CD56+CD16-		CD16-CD56bright NK cells
CD14- CD33- CD3+	CD14-CD33-/CD3+		T cells
CD14- CD33- CD3+ CD4- CD8+ CD57-	CD14-CD33-/CD3+/CD4-CD8+/CD57-		CD57-CD8+ T cells
CD14- CD33- CD3+ CD4- CD8+ CD57+	CD14-CD33-/CD3+/CD4-CD8+/CD57+		CD57+CD8+ T cells
CD14- CD33- CD3+ CD4- CD8+ ICOS-	CD14-CD33-/CD3+/CD4-CD8+/ICOS-		ICOS-CD8+ T cells
CD14- CD33- CD3+ CD4- CD8+ ICOS+	CD14-CD33-/CD3+/CD4-CD8+/ICOS+		ICOS+CD8+ T cell
CD14- CD33- CD3+ CD4- CD8+ PD1-	CD14-CD33-/CD3+/CD4-CD8+/PD1-		PD1-CD8+ T cells
CD14- CD33- CD3+ CD4- CD8+ PD1+	CD14-CD33-/CD3+/CD4-CD8+/PD1+		PD1+CD8+ T cells
CD14- CD33- CD3+ CD4+	CD14-CD33-/CD3+/CD4+		CD4+ T cells
CD14- CD33- CD3+ CD4+ CCR7- CD45RA-	CD14-CD33-/CD3+/CD4+/CCR7-CD45RA-	CD14- CD33- CD3+ CD4+ CCR7- CD45RA-	effector memory CD4+ T cells
CD14- CD33- CD3+ CD4+ CCR7+ CD45RA+	CD14-CD33-/CD3+/CD4+/CCR7+CD45RA+	CD14- CD33- CD3+ CD4+ CCR7+ CD45RA+	effector CD4+ T cells
CD14- CD33- CD3+ CD4+ CCR7+ CD45RA-	CD14-CD33-/CD3+/CD4+/CCR7+CD45RA-	CD14- CD33- CD3+ CD4+ CCR7+ CD45RA-	central memory CD4+ T cells
CD14- CD33- CD3+ CD4+ CCR7+ CD45RA+	CD14-CD33-/CD3+/CD4+/CCR7+CD45RA+	CD14- CD33- CD3+ CD4+ CCR7+ CD45RA+	naive CD4+ T cells
CD14- CD33- CD3+ CD4+ CD161-	CD14-CD33-/CD3+/CD4+/CD161-		CD161-CD4+ T cells
CD14- CD33- CD3+ CD4+ CD161+	CD14-CD33-/CD3+/CD4+/CD161+		CD161+CD4+ T cells
CD14- CD33- CD3+ CD4+ CD25+ CD127-	CD14-CD33-/CD3+/CD4+/CD25+CD127-	CD14- CD33- CD3+ CD4+ CD25+ CD127-	Tregs
CD14- CD33- CD3+ CD4+ CD25+ CD127- CD161-	CD14-CD33-/CD3+/CD4+/CD25+CD127-/CD161-CD45RA-		CD161-CD45RA- Tregs
CD14- CD33- CD3+ CD4+ CD25+ CD127- CD161+	CD14-CD33-/CD3+/CD4+/CD25+CD127-/CD161-CD45RA+		CD161-CD45RA+ Tregs
CD14- CD33- CD3+ CD4+ CD25+ CD127- CD161+	CD14-CD33-/CD3+/CD4+/CD25+CD127-/CD161+CD45RA-		CD161+CD45RA- Tregs
CD14- CD33- CD3+ CD4+ CD25+ CD127- CD161+	CD14-CD33-/CD3+/CD4+/CD25+CD127-/CD161+CD45RA+		CD161+CD45RA+ Tregs
CD14- CD33- CD3+ CD4+ CD27-	CD14-CD33-/CD3+/CD4+/CD27-		CD4+CD27- T cells
CD14- CD33- CD3+ CD4+ CD27+	CD14-CD33-/CD3+/CD4+/CD27+		CD4+CD27+ T cells
CD14- CD33- CD3+ CD4+ CD28-	CD14-CD33-/CD3+/CD4+/CD28-		CD4+CD28- T cells
CD14- CD33- CD3+ CD4+ CD28+	CD14-CD33-/CD3+/CD4+/CD28+		CD4+CD28+ T cells
CD14- CD33- CD3+ CD4+ CD85j-	CD14-CD33-/CD3+/CD4+/CD85j-		CD85j-CD4+ T cells
CD14- CD33- CD3+ CD4+ CD85j+	CD14-CD33-/CD3+/CD4+/CD85j+		CD85j+CD4+ T cells
CD14- CD33- CD3+ CD4+ CD94-	CD14-CD33-/CD3+/CD4+/CD94-		CD94-CD4+ T cells
CD14- CD33- CD3+ CD4+ CD94+	CD14-CD33-/CD3+/CD4+/CD94+		CD94+CD4+ T cells
CD14- CD33- CD3+ CD4+ HLADR- CD38-	CD14-CD33-/CD3+/CD4+/HLADR-CD38-		HLADR-CD38-CD4+ T cells
CD14- CD33- CD3+ CD4+ HLADR- CD38+	CD14-CD33-/CD3+/CD4+/HLADR-CD38+		HLADR-CD38+CD4+ T cells
CD14- CD33- CD3+ CD4+ HLADR+ CD38-	CD14-CD33-/CD3+/CD4+/HLADR+CD38-		HLADR+CD38-CD4+ T cells
CD14- CD33- CD3+ CD4+ HLADR+ CD38+	CD14-CD33-/CD3+/CD4+/HLADR+CD38+		HLADR+CD38+CD4+ T cells
CD14- CD33- CD3+ CD4+ CD8- CD57-	CD14-CD33-/CD3+/CD4+/CD8-/CD57-		CD57-CD4+ T cells
CD14- CD33- CD3+ CD4+ CD8- CD57+	CD14-CD33-/CD3+/CD4+/CD8-/CD57+		CD57+CD4+ T cells
CD14- CD33- CD3+ CD4+ CD8- ICOS-	CD14-CD33-/CD3+/CD4+/CD8-/ICOS-		ICOS-CD4+ T cells
CD14- CD33- CD3+ CD4+ CD8- ICOS+	CD14-CD33-/CD3+/CD4+/CD8-/ICOS+		ICOS+CD4+ T cell
CD14- CD33- CD3+ CD4+ CD8- PD1-	CD14-CD33-/CD3+/CD4+/CD8-/PD1-		PD1-CD4+ T cells
CD14- CD33- CD3+ CD4+ CD8- PD1+	CD14-CD33-/CD3+/CD4+/CD8-/PD1+		PD1+CD4+ T cells
CD14- CD33- CD3+ CD56+	CD14-CD33-/CD3+/CD56+	CD14- CD33- CD3+ CD56+	NKT cells
CD14- CD33- CD3+ CD8+	CD14-CD33-/CD3+/CD8+		CD8+ T cells
CD14- CD33- CD3+ CD8+ CCR7- CD45RA-	CD14-CD33-/CD3+/CD8+/CCR7-CD45RA-	CD14- CD33- CD3+ CD8+ CCR7- CD45RA-	effector memory CD8+ T cells
CD14- CD33- CD3+ CD8+ CCR7+ CD45RA+	CD14-CD33-/CD3+/CD8+/CCR7+CD45RA+	CD14- CD33- CD3+ CD8+ CCR7+ CD45RA+	effector CD8+ T cells
CD14- CD33- CD3+ CD8+ CCR7+ CD45RA-	CD14-CD33-/CD3+/CD8+/CCR7+CD45RA-	CD14- CD33- CD3+ CD8+ CCR7+ CD45RA-	central memory CD8+ T cells
CD14- CD33- CD3+ CD8+ CCR7+ CD45RA+	CD14-CD33-/CD3+/CD8+/CCR7+CD45RA+	CD14- CD33- CD3+ CD8+ CCR7+ CD45RA+	naive CD8+ T cells
CD14- CD33- CD3+ CD8+ CD161-	CD14-CD33-/CD3+/CD8+/CD161-		CD161-CD8+ T cells
CD14- CD33- CD3+ CD8+ CD161+	CD14-CD33-/CD3+/CD8+/CD161+		CD161+CD8+ T cells
CD14- CD33- CD3+ CD8+ CD27-	CD14-CD33-/CD3+/CD8+/CD27-		CD27-CD8+ T cells
CD14- CD33- CD3+ CD8+ CD27+	CD14-CD33-/CD3+/CD8+/CD27+		CD27+CD8+ T cells
CD14- CD33- CD3+ CD8+ CD28-	CD14-CD33-/CD3+/CD8+/CD28-		CD28-CD8+ T cells
CD14- CD33- CD3+ CD8+ CD28+	CD14-CD33-/CD3+/CD8+/CD28+		CD28+CD8+ T cells
CD14- CD33- CD3+ CD8+ CD85j-	CD14-CD33-/CD3+/CD8+/CD85j-		CD85j-CD8+ T cells
CD14- CD33- CD3+ CD8+ CD85j+	CD14-CD33-/CD3+/CD8+/CD85j+		CD85j+CD8+ T cells
CD14- CD33- CD3+ CD8+ CD94-	CD14-CD33-/CD3+/CD8+/CD94-		CD94-CD8+ T cells
CD14- CD33- CD3+ CD8+ CD94+	CD14-CD33-/CD3+/CD8+/CD94+		CD94+CD8+ T cells
CD14- CD33- CD3+ CD8+ HLADR- CD38-	CD14-CD33-/CD3+/CD8+/HLADR-CD38-		HLADR-CD38-CD8+ T cells
CD14- CD33- CD3+ CD8+ HLADR- CD38+	CD14-CD33-/CD3+/CD8+/HLADR-CD38+		HLADR-CD38+CD8+ T cells
CD14- CD33- CD3+ CD8+ HLADR+ CD38-	CD14-CD33-/CD3+/CD8+/HLADR+CD38-		HLADR+CD38-CD8+ T cells
CD14- CD33- CD3+ CD8+ HLADR+ CD38+	CD14-CD33-/CD3+/CD8+/HLADR+CD38+		HLADR+CD38+CD8+ T cells
CD14- CD33- CD3+ CD56+ CD161-	CD14-CD33-/CD3+/CD56+/CD161-		CD161- NKT cells
CD14- CD33- CD3+ CD56+ CD161+	CD14-CD33-/CD3+/CD56+/CD161+		CD161+ NKT cells
CD14- CD33- TCRgd+	CD14-CD33-/TCRgd+	CD14- CD33- TCRgd+	gamma-delta T cells
CD14+ CD33+	CD14+CD33+	CD14+ CD33+	monocytes
CD14+ CD33+ CD14- CD16+	CD14+CD33+/CD14-CD16+		CD16+CD14- monocytes
CD14+ CD33+ CD14+ CD16+	CD14+CD33+/CD14+CD16+		CD16+CD14+ monocytes
CD14+ CD33+ CD16-	CD14+CD33+/CD16-		CD16- monocytes
CD14+ CD33+ CD16+	CD14+CD33+/CD16+		CD16+ monocytes

Supplementary Table 2: A list of cell definitions used to identify the 88 cell populations in cytometry data (SDY478) from ImmPort. The cell definitions are created based on the author's gating strategy provided in SDY478.