

Supplemental Table 1. Phenotypic mass cytometry panel. The metal isotope, antibody, clone, and manufacture used to phenotype patient PBMC is shown. Markers used to identify cell subsets (v1), CD8 and CD4 T cell subsets (v2) and CD8 and CD4 metaclusters (FlowSOM, F) are indicated. The asterisk (*) included after the source indicates antibodies that were custom-conjugated using Fluidigm antibody labeling kits, per manufacturer's instructions.

Phenotypic CyTOF Panel							Clustering	
Channel	Isotope	Antibody	Clone	Manufacture	Catalog Number	Key Resource ID	v1	v2/F
89	Y	CD45	HI30	Fluidigm	3089003B	AB_2661851	X	-
141	Pr	CD14*	M5E2	BD Biosciences	555396	AB_395797	X	-
142	Nd	CD19*	HIB19	Biolegend	302202	AB_2661817	X	-
143	Nd	KIR3DL1*	DX9	R&D	MAB1225	AB_2130828	-	-
144	Nd	CD38	HIT2	Fluidigm	3144014B	AB_2687640	-	X
145	Nd	CD16	3G8	Fluidigm	3145008B	AB_2888924	X	-
146	Nd	KIR2DL1/2DS1*	HP-3E4	BD Biosciences	556061	AB_396330	-	-
147	Nd	NKG2D*	1D11	R&D	NB100-65956	AB_960833	-	-
148	Nd	KIR2DL2/2DL3*	CH-L	BD Biosciences	559783	AB_397324	-	-
149	Sm	T-bet*	4B10	BD Biosciences	561262	AB_10565981	-	X
150	Nd	CD4*	OKT4	EMD Millipore	MABF419	AB_2888925	X	-
151	Eu	TRAIL*	RIK-2	Biolegend	308202	AB_345288	-	-
152	Sm	CD8*	SK1	Biolegend	344702	AB_1877104	X	-
153	Eu	CD62L	DREG-56	Fluidigm	3153004B	AB_2810245	-	X
154	Sm	TIGIT	MBSA43	Fluidigm	3154016B	AB_2888926	-	X
155	Gd	Eomes*	WD1928	Invitrogen	14-4877-82	AB_2572882	-	X
156	Gd	CCR7*	G043H7	Biolegend	353202	AB_10945157	-	X
158	Gd	CD137	4B4-1	Fluidigm	3158013B	AB_2888927	-	X
159	Tb	NKG2C*	134591	R&D	MAB138	AB_2132982	-	-
160	Gd	PD-1*	J105	Invitrogen	14-2799-80	AB_763476	-	X
161	Dy	NKp30*	P30-15	Biolegend	325202	AB_756106	-	-
162	Dy	Ki-67	B56	Fluidigm	3162012B	AB_2888928	-	X
163	Dy	CD127*	A019D5	Biolegend	351302	AB_10780844	X	X
164	Dy	Tim-3*	F38-2E2	Biolegend	345002	AB_2116574	-	X
165	Ho	CD45RO	UCHL1	Fluidigm	3165011B	AB_2756423	-	-
166	Er	NKG2A*	Z199	Beckman Coulter	IM2750	AB_131495	-	-
167	Er	NKp44*	P44-8	Biolegend	325102	AB_756094	-	-
168	Er	DNAM1*	DX11	BD Biosciences	559787	AB_397328	-	X
169	Tm	CD25	2A3	Fluidigm	3169003B	AB_2661806	X	X
170	Er	HLA-DR	L243	Fluidigm	3170013B	AB_2888929	X	-
171	Yb	Granzyme B	GB11	Fluidigm	3171002B	AB_2687652	-	X
172	Yb	CD57	HCD57	Fluidigm	3172009B	AB_2888930	-	X
173	Yb	CD3*	UCHT1	BD Biosciences	555330	AB_11032211	X	-
174	Yb	NKp46*	9E2	BD Biosciences	557911	AB_396933	-	-
175	Lu	LAG-3	11C3C65	Fluidigm	3175033B	AB_2888932	-	X
176	Yb	CD56	NCAM16.2	Fluidigm	3176008B	AB_2661813	X	-
209	Bi	CD11b	ICRF44	Fluidigm	3209003B	AB_2687654	X	-
		Cisplatinum		Enzo Life Sciences	ALX-400-040-M050		-	-
		Cell-ID intercalator-Ir		Fluidigm	201192A		-	-