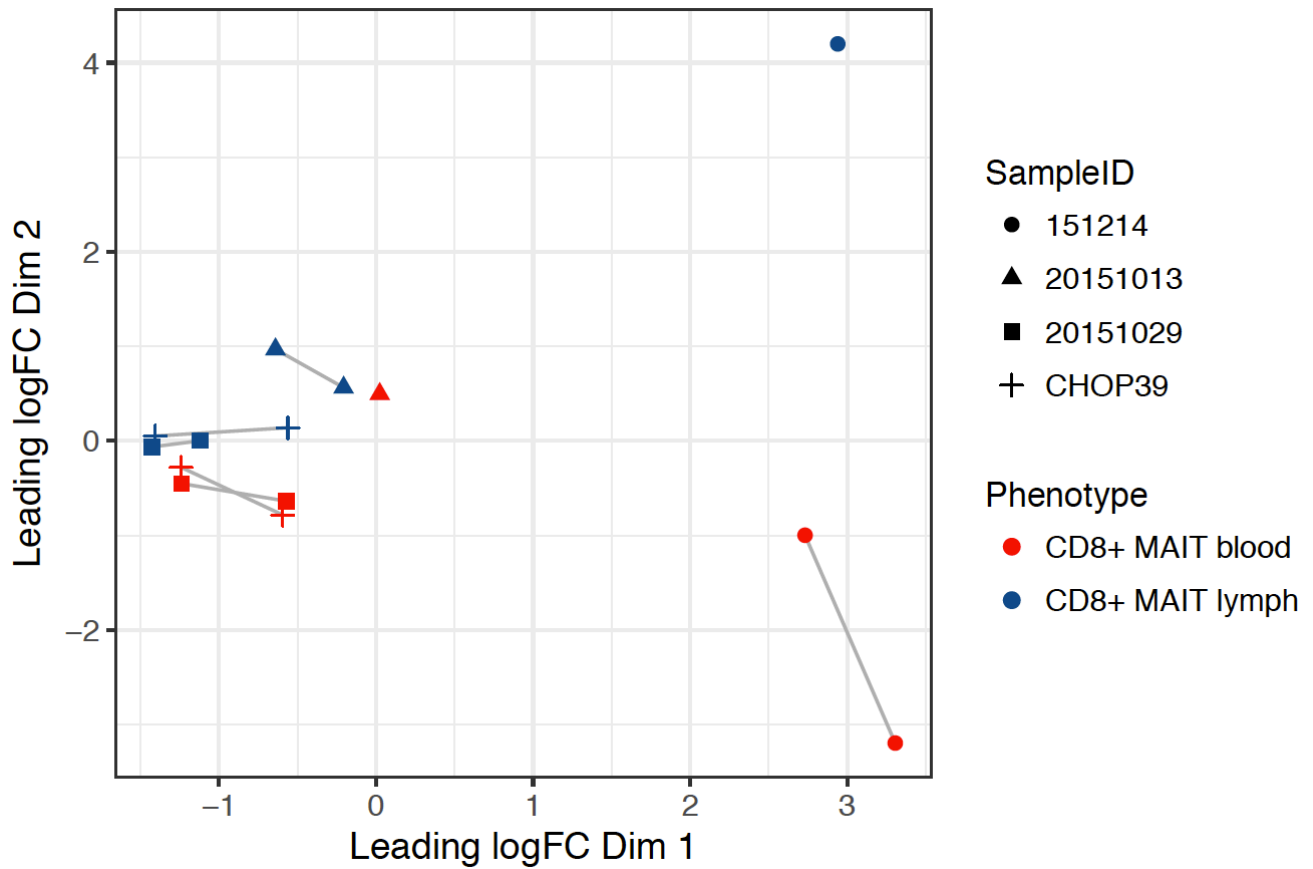# Supplemental Figure 1

A

Suppl. Fig. 1. Clustering of technical replicates of the RNAseq experiments is shown for each donor. Technical replicates are not available in two instances: MAIT cells from blood of donor 20151013 and MAIT cells from lymph of donor 151214.

Supplemental Figure 2

Antibody clone and instrument information				
BD FACSymphony				
Laser	**Fluorophore**	**Antigen**	**Clone**	**Purpose**
355nm	BUV395	CD8	RPA-T8	Lineage marker
65mW	Violet L/D	dead	N.A	Basic gating
	BUV496	CD3	UCHT1	Lineage marker
	BUV563	CD25	2A3	T cell function
	BUV661	HLA-DR	G46-6	T cell function
	BUV737	ICOS (CD278)	DX29	T cell function
	BUV805	CD45	HI30	Lineage marker
405nm	BV421	PD1 (CD279)	EH12.2H7	T cell function
200mW	BV480	CD28	CD28.2	T cell function
	BV570	CD45RA	HI100	T cell function
	BV605	CCR6	11A9	T cell function
	BV650	CD69	FN50	T cell function
	BV711	OX40	ACT-35	T cell function
	BV750	CD103	Ber-ACT8	T cell function
	BV785	CD127 (IL7Ra)	HIL-7R-M21	T cell function
488nm	BB515	Tim3	7D3	T cell function
200mW	BB630	BTLA	J168-540	T cell function
	BB660	CD27	M-T271	T cell function
	BB700	empty	N.A	
	BB790	CD38	HIT2	T cell function
532nm	PE	MR1-Tet	N.A	MAIT marker
200mW	PE-CF594	TCRgd	B1	Lineage marker
	PE-Cy5	CD137	4B4-1	T cell function
	PE-Cy5.5	CD19	SJ25-C1	Lineage marker
	PE-Cy7	CCR7	3D12	T cell function
628nm	AF647	CD161	DX12	MAIT marker
200mW	AF700	Va7.2	3C10	MAIT marker
	APC-H7	CD4	RPA-T4	Lineage marker

Suppl. Fig. 2. 27 color panel design and antibody clone information.