

**Supplementary Table 1**

T cell panel used for phenotyping						
Channel	Fluorochrome	Antibody	Clone	Dilution	Company	Catalog #
UV395	BUV395	CD39	TU66	1:40	BD	742524
UV450	BUV450	Live/Dead		1:1000	Invitrogen	L23105A
UV500	BUV496	CD8	RPA-T8	1:500	BD	612943
UV570	BUV563	CCR7	2-L1-A	1:40	BD	749679
UV660	BUV661	CD3	UCHT1	1:200	BD	612964
UV730	BUV737	CD69	FN50	1:50	BD	612817
UV780	BUV805	CCR6	11A9	1:20	BD	749361
V510	BV510	CCR5	J418F1	1:166.7	BioLegend	359128
V570	BV570	CD127	A019-D5	1:83.3	BioLegend	351308
V610	BV605	PD-1	EH12.2H7	1:20	BioLegend	329924
V650	BV650	CD25	BC96	1:83.3	BioLegend	302634
V710	BV711	CD38	HIT2	1:40	BD	563965
V750	BV750	CD103	Ber-ACT8	1:250	BD	747099
V785	BV786	CD161	HP-3G10	1:83.3	BD	748281
B515	AF488	HLA-DR	1.243	1:83.3	BioLegend	307656
B660	BB660	SA		1:500	BD	6464295
B710	PerCpCy5.5	CD45	HI30	1:100	BD	564105
B780	BB790	CD101	V7.1	1:166.7	BD	Custom
G575	PE	TCF-1	C63D9	1:40	Cell Signaling	14456
G610	PE-CF594	Foxp3	236A/E7	1:20	BD	563955
G660	PE Cy5	CTLA4	BNI3	1:166.7	BD	561717
G780	PE Cy7	T-bet	4B10	1:20	Invitrogen	25-5825-82
R660	AF647	CD4	RPA-T4	1:40	BD	557707
R710	AF700	GranzymeB	GB11	1:83.3	BD	560213
R780	APC-H7	CD45RA	HI100	1:40	BD	560674
B660	Biotin	CXCR3	G025H7	1:80	BioLegend	353743