

**Supplemental Table 1:**

<b>Panel 1 (AIM Assay, Lymphoid Tissue)</b>			
<b>Marker</b>	<b>Fluorochrome</b>	<b>Company</b>	<b>Clone</b>
CD4	APC	BioLegend	L200
CD20	Brilliant Violet™ 650	BioLegend	2H7
PD1	Brilliant Violet™ 785	BioLegend	EH12.2H7
CXCR5	PE-Cy7	eBioscience	MU5UBEE
CD45RA	V450	BD	5H9
CD25	FITC	BioLegend	BC96
OX40	PE	BD	L106
Fixable Viability Dye	eFluor®780	eBioscience	

<b>Panel 2 (AIM Assay, PBMC)</b>			
<b>Marker</b>	<b>Fluorochrome</b>	<b>Company</b>	<b>Clone</b>
CD4	Brilliant Violet™ 650	BioLegend	OKT-4
CD20	Brilliant Violet™ 570	BioLegend	2H7
PD1	Brilliant Violet™ 785	BioLegend	EH12.2H7
CXCR5	PE-Cy7	eBioscience	MU5UBEE
CD45RA	V450	BD	5H9
CD14	eFluor®780	eBioscience	HCD14
CD16	eFluor®780	eBioscience	CB16
CD25	FITC	BioLegend	BC96
OX40	PE	BD	L106
ICOS	PerCP Cy5.5	BioLegend	C398.4A
Fixable Viability Dye	eFluor®780	eBioscience	

<b>Panel 3 (ICS Assay)</b>			
<b>Marker</b>	<b>Fluorochrome</b>	<b>Company</b>	<b>Clone</b>
CD4	Brilliant Violet™ 650	BioLegend	OKT-4
CD20	Brilliant Violet™ 570	BioLegend	2H7
PD1	Brilliant Violet™ 785	BioLegend	EH12.2H7
CXCR5	PE-Cy7	eBioscience	MU5UBEE
CD45RA	V450	BD	5H9
CD40L	PerCP-eFluor®710	eBioscience	24-31
TNF	Alexa Fluor®700	eBioscience	MAb11
IFN $\gamma$	FITC	eBioscience	45.B3
IL-2	Alexa Fluor®700	BioLegend	MQ1-17H12
IL-21	PE	eBioscience	3A3-N2
Fixable Viability Dye	eFluor®780	eBioscience	