

Supplementary Table 1: Human organ donor information

Donor #	Age (years)	Sex
211	1.5	M
212	48	n.d.
213	2	F
231	56	M
235	50	M
294	1.5	F
305	28	F
317	23	F
322	32	M
369	20	M
429	36	M
457	40	M
HDL070	1.5	F
HDL078	1.67	F
HDL082	0.75	F

Supplementary Table 2: Antibodies and reagents for flow cytometry and ImageStream assays

Mouse-specific Antibodies				
Antibody	Clone	Fluorophore	Vendor	Catalog
CD3	145-2C11	FITC	BioLegend	100306
CD4	RMA4-5	APC-Fire750	BioLegend	100568
CD44	IM7	BV650	BioLegend	103049
CD62L	MEL-14	BV605	BioLegend	104438
CD45.1	A20	BV711	BioLegend	110739
CD45.2	104	BUV 395	BD	564616
TCF1	C6309	AF647 / PE	CST	6709
Tbet	4B10	PE-CY7	BioLegend	644824
CD5	53-7.3	BUV 737	BD	612809
TCR β	H57-597	FITC	BioLegend	109206
TCR β	H57-597	PE-Cy7	Tonbo	60-5961
Nur77	12.14	PerCP eFluor 710	ThermoFisher	46-5965-82
IRF4	3E4	FITC	ThermoFisher	11-9858-82
CD69	H1.2F3	PE- Dazzle594	BioLegend	104536
CD25	PC61	BV650	BioLegend	102038
TNF α	MP6-XT22	AF647	BioLegend	506314
IFN γ	XMG1.2	PerCP-Cy5.5	BioLegend	505822
pERK1/2	197G2	PE	CST	14095S
Tetramer	N.A.	PE/ AF647	NIH tetramer	N.A.
Cell Proliferation Dye (CPD)	N.A.	EF450	ThermoFisher	65-0842-85
CFSE	N.A.	CFSE	ThermoFisher	C1157
CD3	17A2	PE	Tonbo	50-0032
actin (Phalloidin)	N.A.	Alexa Fluor 647	ThermoFisher	A22287
Lck	2752	N.A.	CST	2752S
goat anti-rabbit IgG	N.A.	AF594	ThermoFisher	A-11037
CD4	RMA4-4	BV605	BioLegend	116027
Fixable Viability Stain 700	N.A.	AF700	BD	564997
LFA -1	M17/4	PE-Cy7	BioLegend	101122
Human-specific antibodies				
Antibody	Clone	Fluorophore	Vendor	Catalog
CD45	2D1	AF700	BioLegend	368514
CD3	UCHT -1	BUV395	BD	563546
CD4	RPA-T4	PE-Cy7	Tonbo	60-0049
CCR7	G043H7	AF488	BioLegend	353206
CD45RA	HI100	BV605	BioLegend	304134
Nur77	12.14	PerCP eFluor 710	ThermoFisher	46-5965-82
Fixable Viability Stain	N.A.	APC- eF780	ThermoFisher	65-0865-14