

Supplementary Table 1: Antibodies

Antibody	Company	Catalog
<i>Peripheral Blood/spleen</i>		
CD3e-Pac Blue	eBioscience	57-0033-82
CD45.2-PerCP 5.5	BD	552950
CD45.1-PE Cy7	eBioscience	25-0453-82
GR1-APC	BD	553129
CD19-APC Cy7	BD	557655
Mac1-PE	eBioscience	12-0112-81
<i>Bone Marrow</i>		
Lineage-FITC (CD2, CD3e, CD4, CD8, Ter119, GR1, B220, CD19, Mac1, CD41)	eBioscience	11-0021-85, 11-0031-85, 11-0041-85, 11-0081-85, 11-5921-85, 3010-02, 11-5931-85, 11-0193-85, 11-0112-85, 553848
Flt3-APC	eBioscience	12-1351-83
Sca1-Pac Blue	BioLegend	108120
cKit-APC Cy7	eBioscience	47-1171-82
CD48-A700	BioLegend	103426
CD150-PE Cy7	BioLegend	115913
IL7R α -PE	BD	552543
CD16/32	BD	560539
CD34	BD	560230
<i>Thymus</i>		
CD25-PE	BD	553866
CD44-APC	BD	559250
CD4-PE-Cy7	BD	552775
CD8 α -PE-Cy7	BioLegend	100713
<i>Immunocytochemistry/Western Blot/ChIP</i>		
Rb-anti-NFAT1	Cell Signaling	4389S
Rb-anti-Mfn2	Cell Signaling	9482
Ms-anti-Mfn2	Abcam	ab56889
Ms-anti- α -Tubulin	Sigma	T9026
Ms-anti-FLAG	Sigma	F3165

Ms-anti-GAPDH	Life Technologies	AM4300
Rb-anti- β -actin	Sigma	A5441
Rb-anti- β Gal	Invitrogen	A11132
Ms-anti-Tomm20	Abcam	ab56783
Ms-anti-RNA Pol II	Active Motif	39097
Ms normal IgG	Santa Cruz	sc-2025
Rb normal IgG	Santa Cruz	sc-2027 X
