

Supplementary Table S1

Stem and Progenitor Cell Panel			
Antibody		Fluorophore	Clone
Lineage		PerCP-Cy5.5	
	Anti-Ter119		Ter-119
	Anti-Gr1		RB6-8C5
	Anti-B220		RA3-6B2
	Anti-CD3e		145-2C11
Anti-CD16/32 (Fc γ R)		BV786	2.4G2
Anti-CD150 (SLAM)		BV605	TC15-12F12.2
Anti-Flt3		BV421	CD135
Anti-CD48		PE-Cy7	104
Anti-cKit		PE-Cy5	2B8
Anti-Sca1		PE-CF594	D7
Anti-CD34		PE	RAM34
Anti-CD41		BUV395	MWReg30
BM Mature Cell Panel			
Antibody		Fluorophore	Clone
Anti-CD3e		PerCP-Cy5.5	145-2C11
Anti-CD45		APC-Cy7	30-F11
Anti-CD11b		AF700	M1/70
Anti-CD206		AF647	C068C2
Anti-Ly6G		BV786	1A8
Anti-B220		BV605	RA3-6B2
Anti-Ly6c		PE-Cy7	AL-21
Anti-CD4		PE-Cy5	RM4-5
Anti-F4/80		PE-Texas Red	BM8
Anti-CD8a		BUV395	53-6.7
HSC Sort Panel			
Antibody		Fluorophore	Clone
Lineage		Biotin (primary)	
	Anti-Ter119	APC-Cy7-Streptavidin (secondary)	Ter-119
	Anti-Gr1		RB6-8C5
	Anti-B220		RA3-6B2
	Anti-CD3e		145-2C11
Anti-cKit		APC	2B8
Anti-CD150 (SLAM)		BV785	TC15-12F12.2
Anti-Sca1		PE-CF594	D7
Anti-CD11b		APC-Cy7	M1/70
HSC in Vitro Quality Check Panel			
Antibody		Fluorophore	Clone
Anti-CD34		FITC	
Lineage		Biotin (primary)	
	Anti-Ter119	APC-Cy7-Streptavidin (secondary)	Ter-119
	Anti-Gr1		RB6-8C5
	Anti-B220		RA3-6B2
	Anti-CD3e		145-2C11
Anti-cKit		APC	2B8
Anti-CD4		PE-Cy5	RM4-5
Anti-CD150 (SLAM)		BV785	TC15-12F12.2
Anti-CD48		PE-Cy7	104
Anti-Sca1		PE-CF594	D7

Supplementary Table S1. List of antibodies in each panel

The fluorophore and clone information of each anti-mouse antibody was provided.