

SUPPLEMENTARY INFORMATION for
MISTRG mice support engraftment and assessment of
nonhuman primate hematopoietic stem and progenitor cells

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LIST OF SUPPLEMENTARY ITEMS:

1. **Supplementary Table E1.** Annotations for amino acid sequences from UniProtKB/Swiss-Prot
2. **Supplementary Table E2.** Fluorochrome-conjugated antibodies used for flowcytometry and cell sorting
3. **Supplementary Figure E1: Longitudinal tracking of NHP multilineage engraftment in the PB of MISTRG mice.**

Supplementary Table E1. Annotations for amino acid sequences from UniProtKB/Swiss-Prot

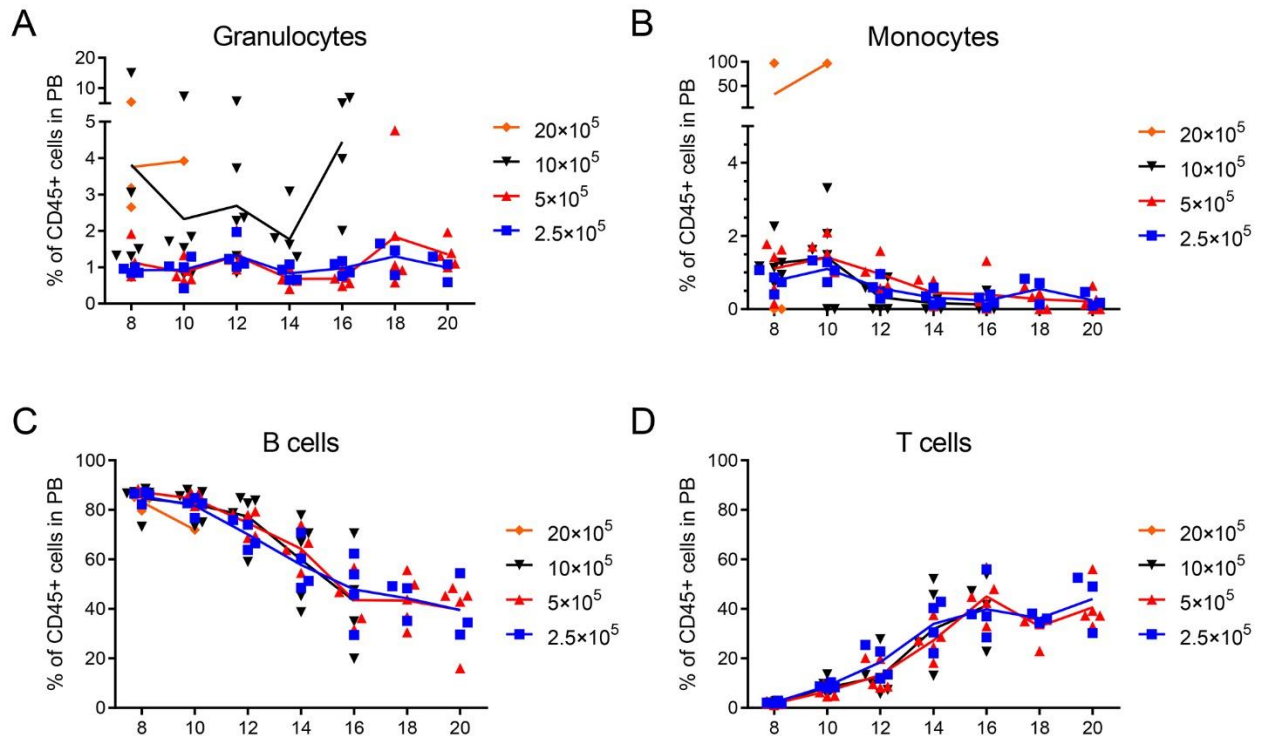
	Mouse	Human	Pigtail
IL3	P01586	P08700	A0A2K6DUD8
M-CSF	P01587	P04141	A0A2K6CV13
GM-CSF	P07141	P09603	A0A2K6CXU2
TPO	P35419	P07202	A0A2K6E494
CD47	Q61735	Q08722	A0A2K6DDL9
SIRPA	P97797	P78324	H9FQ76*

*Rhesus Mulatta (*Macaca nemestrina* sequence not available)

Supplementary Table E2. Fluorochrome-conjugated antibodies used for flowcytometry and cell sorting

Epitope	Clone	Company	NHP	MU
CD3	SP34-2	BD Biosciences	X	
CD4	L200	BD Bioscience	X	
CD8a	RPA-T8	eBioscience	X	
CD11b	ICRF44	BioLegend	X	
CD14	63D3	eBioscience	X	
CD16	3G8	BioLegend	X	
CD20	2H7	BioLegend	X	
CD34	563	BD Biosciences	X	
CD45	D058-1283	BD Biosciences	X	
	30-F11	eBioscience		X
CD45RA	5H9	BD Biosciences	X	
CD90	5E10	BD Biosciences	X	

NHP: nonhuman primate; MU: murine



Supplementary Figure E1: Longitudinal tracking of NHP multilineage engraftment in the PB of MISTRG mice. Frequency of NHP (A) granulocytes (CD11b⁺CD14⁻), (B) monocytes (CD11b⁺CD14⁺), (C) B cells (CD20⁺) and (D) T cells (sum of CD4⁺/CD8⁺/CD4⁺CD8⁺) in the PB over time after intra-hepatic injection of different NHP CD34⁺ cell doses (as indicated in figure legend) into sub-lethally irradiated neonatal MISTRG mice.