

Table S1. Markers expressed in pre-HSCs and HSCs

Marker	HSC source					
	Newborn repopulating cell at E9.5 (population 1*)	Pre-dHSC AGM at E11.5 (population 2*)	dHSC AGM at E11.5-12.5 (population 3*)	dHSC placenta at E12.5 (population 3*)	dHSC fetal liver at E13.5-14.5 (population 4*)	dHSC adult bone marrow at ≥10 weeks (population 5*)
Lin [†]					- [1]	- [2]
Mac1		+/- [3]			+ [4]	- [5]
CD48		- [6]	- [6]	- [6]	- [7]	- [8]
CD150		- [6]	- [6]	- [6]	+ [7]	+ [8]
CD201					+ [9]	+ [10]
CD34	+ [11]		+ [3, 6]	+ [6, 12]	+/- [3, 12]	- [13-15]
cKit	+ [11]		+ [3, 16]	+ [12]	+ [3, 4, 12]	+ [17]
Sca1		+/- [16, 18]		+ [19]	+ [1, 4]	+ [2]
Flk1 (Kdr)		+/- [16]			- [16]	- [14]
Flt3					+ [1]	- [20, 21]
CD41	+ [22]		+/- [6]	+/- [6]	-/low [7, 22]	-/low [8, 22]
CD31+	+ [23]		+ [16, 24]		+ [16, 23]	+ [23, 25]
VE-Cadherin	+ [26]	+ [27]	+ [16, 28]		+/- [16, 28, 29]	- [28, 29]
CD45	- [26]	+ [27]	+ [16, 28]		+ [9, 16, 28]	+ [9, 16]
ESAM					+ [30]	+ [31]

^{*}As defined in Fig. 8B.[†]Lin, lineage markers for adult bone marrow: CD3, CD4, CD8, B220, Mac1, Gr1, Ter119.

AGM, aorta-gonad-mesonephros region; dHSC, definitive hematopoietic stem cell; HSC, hematopoietic stem cell.

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