

Table S1 Numbers of EB6 cells sorted for co-culture and of co-cultured cells sorted for transplantation

Subpopulations of EB6 cells	% cells on flow cytometry	No. of sorted cells for co-culture	No. of sorted cells for transplantation
CD41 ⁺	7.2	1.9x10 ⁶	1.0x10 ⁷
CD41 ⁻	92	2.0x10 ⁷	2.0x10 ⁶
c-Kit ⁺ CD41 ⁺	5.3	1.4x10 ⁶	1.5x10 ⁷
c-Kit ⁻ CD41 ⁺	1.7	5.0x10 ⁶	6.0x10 ⁵
CD34 ⁺ CD41 ⁺	6.5	2.0x10 ⁶	2.5x10 ⁶
CD34 ⁻ CD41 ⁺	0.5	1.1x10 ⁵	1.2x10 ⁷

CD41⁺ and CD41⁻ cells, c-Kit⁺CD41⁺ and c-Kit⁻CD41⁺ cells, or CD34⁺CD41⁺ and CD34⁻CD41⁺ cells were simultaneously sorted by flow cytometry. Sorted cells were co-cultured with OP9 cells for 4 days under the HOXB4-on condition. GFP⁺ cells were separated from the co-cultures by flow cytometry. For each group of cell populations, one tenth of the volume of buffer containing GFP⁺ cells was transplanted into each of 5-10 lethally irradiated mice.