

**Supplemental Table 2. The supportive function of Flk1<sup>+</sup> MSCs on CD34<sup>+</sup> hematopoietic cell proliferation and differentiation.**

**A. Dynamic changes of total nonadherent cells during long term culture ( $\times 10^6$ )**

Group	Culture time (weeks)			
	1	2	3	4
Untreated	1.24 $\pm$ 0.31	0.96 $\pm$ 0.28	0.50 $\pm$ 0.16	0.35 $\pm$ 0.04
Cytokine-treated	1.27 $\pm$ 0.25	0.94 $\pm$ 0.41	0.52 $\pm$ 0.20	0.36 $\pm$ 0.06

Data are means  $\pm$  SEM (n=5).

**B. CFU-GM /  $10^5$  cells**

Group	Culture time (weeks)			
	1	2	3	4
Untreated	59 $\pm$ 4.07	46 $\pm$ 3.86	36 $\pm$ 2.29	19 $\pm$ 1.70
Cytokine-treated	57 $\pm$ 2.73	49 $\pm$ 4.51	36 $\pm$ 3.95	20 $\pm$ 1.10

Data are means  $\pm$  SEM (n=5).