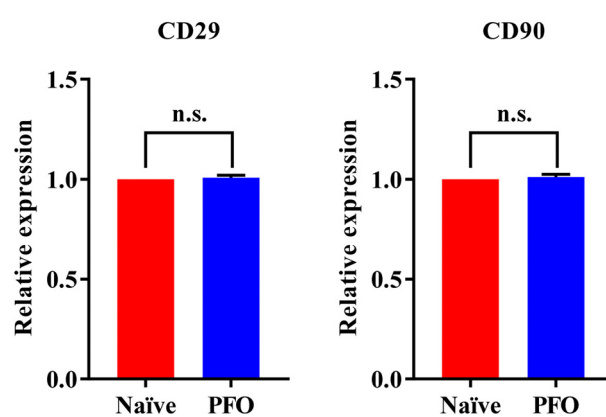




Supplementary Fig. S1. The Primed Fresh OCT4 (PFO) procedure induces little change in expression of mesenchymal stem cell (MSC) surface proteins. Flow cytometry analyses was conducted to examine expression of MSC surface proteins (CD29 and CD90), as well as hematopoietic lineage markers (CD34 and CD45), in naïve MSCs and MSCs enriched by the PFO procedure (PFO-MSCs). Data are presented as a ratio relative to naïve cells (n=4). Representative flow cytometry cytograms are shown in Fig. 1C. n.s.: not significant.

Supplementary Table S1. List of primers used in this study

Human	Forward primer	Reverse primer
ANGPT1	TGCTCACGTGGCTCGACTATA	AGCACAGCAAGCTCAGCAGTTT
ANGPT2	GGTTTGATGCATGTGGTCCTT	AATGCCGTTGAACTTATTTGTGTC
TEK	GGAGACGGACCCAGCATT	CGGCAGCGAAGTGAAGGA
HGF	CTCACACCCGCTGGGAGTAC	TCCTTGACCTTGGATGCATT
PDGFRA	TTGAAGGCAGGCACATTTACA	GCGACAAGGTATAATGGCAGAAT
PDGFRB	TGATGCCGAGGAACTATTCATCT	TTTCTTCTCGTGCAGTGTAC
VEGFR1	CTCTCTCCCTGATCGGTGACA	GGAGGGCAGAGCTGAGTGTTAG
VEGFR2	GGTTGCATTACTGTACCCATCATT	TGAGATGGAATCTGACCATGTTG