

Table S1 Primer sequences for quantitative RT-PCR of BMSCs.

Genes		Primer
<i>ALP</i>	Forward	CCTGGACCTCATCAGCATTT
<i>ALP</i>	Reverse	AGGGAAGGGTCAGTCAGGTT
<i>Runx2</i>	Forward	TCTCTGACCGCCTCAGTGATT
<i>Runx2</i>	Reverse	TGTGTCTGCCTGGGATCTGTA
<i>BMP-2</i>	Forward	GAAGCCAGGTGTCTCCAAGAG
<i>BMP-2</i>	Reverse	GTGGATGTCCTTTACCGTCGT
<i>OPN</i>	Forward	GGAGTCCGATGAGGCTATCAA
<i>OPN</i>	Reverse	TCCGACTGCTCAGTGCTCTC
<i>Col 1</i>	Forward	TGGATGGCTGCACGAGT
<i>Col 1</i>	Reverse	TTGGGATGGAGGGAGTTTA
<i>OCN</i>	Forward	GACCCTCTCTGCTCACTCT
<i>OCN</i>	Reverse	GACCTTACTGCCCTCCTGCTTG
<i>GAPDH-1</i>	Forward	GCAAGTTCAACGGCACAG
<i>GAPDH-1</i>	Reverse	CGCCAGTAGACTCCACGAC

Table S2 Primer sequences for quantitative RT-PCR of HUVECs.

Genes		Primer
<i>VEGF-2</i>	Forward	GCTGTCTTGGGTGCATTGG
<i>VEGF-2</i>	Reverse	GCAGCCTGGGACCACTTG
<i>TGF-β</i>	Forward	CGCCAGAGTGGTTATCTTTTG
<i>TGF-β</i>	Reverse	CGGTAGTGAACCCGTTGATGT
<i>HIF-α</i>	Forward	CAGAGCAGGAAAAGGAGTCA
<i>HIF-α</i>	Reverse	AGTAGCTGCATGATCGTCTG
<i>GAPDH-1</i>	Forward	TGGCACCCAGCACAATGAA
<i>GAPDH-1</i>	Reverse	CTAAGTCATAGTCCGCCTAGAAGCA