Table SI. Human primers used for reverse transcription-quantitative PCR and amplification conditions.

Gene	Primer sequences	Amplification conditions			
		Denaturation	Annealing	Extension	Cycles
VEGFA	Forward: TGTCTAATGCCCTGGAGCCT Reverse: GTCACATCTGCAAGTACGTTCG	95˚C; 30 sec	57˚C; 30 sec	72˚C; 20 sec	39
VEGFR2	Forward: GGCCCAATAATCAGAGTGGCA Reverse: CCAGTGTCATTTCCGATCACTTT	95˚C; 30 sec	60˚C; 30 sec	72˚C; 20 sec	39
Ang-1	Forward: CGCCGAAGTCCAGAAAACAG Reverse: GGGAAGAGAAATCCGGTTCCA	95˚C; 30 sec	60˚C; 30 sec	72˚C; 20 sec	39
Ang-2	Forward: GCTCGAATACGATGACTCGGT Reverse: GTTTGCTCCGCTGTTTGGTT	95˚C; 30 sec	58˚C; 30 sec	72˚C; 20 sec	39
HIF-1α	Forward: TTTCCTCAGTCGACACAGCC Reverse: TCCACCTCTTTTGGCAAGCA	95˚C; 30 sec	60˚C; 30 sec	72˚C; 20 sec	39
b-FGF	Forward: AGAAGAGCGACCCTCACATCA Reverse: CGGTTAGCACACACTCCTTTG	95˚C; 30 sec	58˚C; 30 sec	72˚C; 20 sec	39
PDGF	Forward: TGTGCGGAAGAAGCCAATCT Reverse: TCCTTCAGTGCCGTCTTGTC	95˚C; 30 sec	59˚C; 30 sec	72˚C; 20 sec	39
GAPDH	Forward: GGAGCGAGATCCCTCCAAAAT Reverse: GGCTGTTGTCATACTTCTCATGG	95˚C; 30 sec	60˚C; 30 sec	72˚C; 20 sec	39

Table SII. Mouse primers used for reverse transcription-quantitative PCR and amplification conditions.

Gene	Primer sequences	Amplification conditions			
		Denaturation	Annealing	Extension	Cycles
VEGFA	Forward: ACTGGACCCTGGCTTTAC Reverse: TCTGCTCTCCTTCTGTCGTG	95˚C; 30 sec	59˚C; 30 sec	72˚C; 20 sec	39
Ang-1	Forward: ACAGGGACAGCAGGCAAAC Reverse: GGCATCGAACCACCAACC	95˚C; 30 sec	61˚C; 30 sec	72˚C; 20 sec	39
Ang-2	Forward: GACTGGGAAGGCAACGAG Reverse: CTGAGGAGCATCTGGGAACA	95˚C; 30 sec	61˚C; 30 sec	72˚C; 20 sec	39
b-FGF	Forward: GCGACCCACACGTCAAACTA Reverse: CCGTCCATCTTCCTTCATAGC	95˚C; 30 sec	61˚C; 30 sec	72˚C; 20 sec	39
PDGF	Forward: ATCCAGGGAGCAGCGAGCCA Reverse: CAGGGCCGCCTTGTCATGGG	95˚C; 30 sec	64˚C; 30 sec	72˚C; 20 sec	39
GAPDH	Forward: AGGTCGGTGTGAACGGATTTG Reverse: TGTAGACCATGTAGTTGAGGTCA	95˚C; 30 sec	62˚C; 30 sec	72˚C; 20 sec	39