

**Supplemental Information:**

Gene Name	qPCR primer sequences: F, forward primer; R, reverse primer.
CTGF	F: 5' CAAGGGCTCTTCTGTGACT 3'; R: 5' ACGTGCACTGGTACTTGCAG 3'
GLUT1	F: 5' CTGGACCTCAAACCTCATTGTGGG 3'; R: 5' GGGTGTCTTGTCACTTTGGCTGG 3'
HIF1A_1	F: 5' AGCCGAGGAAGAAGACTATGAAC 3'; R: 5' ATTTGATGGGTGAGGAATGGG 3'
HIF1A_2	F: 5' TGCTCATCAGTTGCCACTTC 3'; R: 5' TCCTCACACGCAAATAGCTG 3'
HIF1A_3	F: 5' CATAAAGTCTGCAACATGGAAGGT 3'; R: 5' ATTTGATGGGTGAGGAATGGGTT 3'
PAI1	F: 5' GCCTCAGACTTCGGGGTGA 3'; R: 5' TTCCACTGGCCGTTGAAGTA 3'
PDGFA	F: 5' CCTGCCCATTCGGAGGA 3'; R: 5' TTGGCCACCTTGACGCT 3'
VEGFA	F: 5' ATCTGCATGGTGTGTTGGA 3'; R: 5' GGCAGAATCATCACGAAGT 3'