

## Supplementary Table S1: Primer sequences for RT-qPCR

Gene	Forward(5'-3')	Reverse(5'-3')
ERR $\gamma$	GCGTAGAATAGATGCTGAG	CCAATGATAACCACCAACT
ERR $\alpha$	CATCTGCTGGTGGTTGAA	AGAGTGACAGTGAGGAGAA
HIF1 $\alpha$	CTCCATTACCTGCCTCTG	ATTCTTCGCTTCTGTGTCT
MMP13	ATGTGGAGTGCCTGATGTG	AAGCGTGTGCCAGAAGAC
VEGFA	CCGGTTTAAATCCTGGAGCG	TTTAACTCAAGCTGCCTCGC
MMP9	ACTGCTGGTCCTTCTGAG	ATTGGCTTCCTCCGTGAT
COL2	AAGAGCAAGGAGAAGAAG	TTACAGTGGTAGGTGATG
AGG	GCAGCACAGACACTTCAGGA	CCCACCTTCTACAGGCAAGC
$\beta$ -actin	CGGTCAGGTCATCACTAT	TGTTGGCATAGAGGTCTT
GADPH	ATGATTCTACCCACGGCAAG	CTGGAAGATGGTGATGGGTT