

**Table S3:** List of RT-qPCR primers and their sequences

Primer	Sequence
COL4A1_F	TCTTCCTTTGAAAGACTGTGCTGTCC
COL4A1_R	ACCTGGGTTTGGTTTTGGCAACA
COLRA2_F	CCCGGGCTAAAAGGAGATAG
COL4A2_R	GACCGGGTATTCCGAAAAAT
FLNA_F	CCATGACAACACCTACACAGTCA
FLNA_R	CTTGGAGATACTGCCACTGAGAA
VAV3_F	GGACCAATGGACTGCGAAGAA
VAV3_R	CTGGAGCTGTAAAGGGGGTC
VEGFA_F	CTGCTGTCTTGGGTGCATTGG
VEGFA_R	CACCGCCTCGGCTTGTCACAT
VINC_F	AAACACAGTTACACTTGTGCACCC
VINC_R	AACAGAGGGAAGTGTCCCCT
GPX2_F	GGTAGATTTCAATACGTTCCGGG
GPX2_R	TGACAGTTCTCCTGATGTCCAAA
PLA2G4A_F	ATGGCCTTGGTGAGTGATTC
PLA2G4A_R	TCAGGATCTGCTACAGCTGC
PTGS2_F	CCTGTGCCTGATGATTGC
PTGS2_R	CTGATGCGTGAAGTGCTG
GAPDH_F	TACTAGCGGTTTTACGGGCG
GAPDH_R	TCGAACAGGAGGAGCAGAGAG