

Table 1 Primer sequences used for real-time PCR

Gene		Primer sequence
Human		
<i>CCN2</i>	Forward	5'-GCAGGCTAGAGAAGCAGAGC-3'
	Reverse	5'-ATGTCTTCATGCTGGTGCAG-3'
<i>CCN3</i>	Forward	5'-AGCATGCAGAGTGTGCAGAG-3'
	Reverse	5'-GGTGTGCCACTTACCTGTCC-3'
<i>SOX9</i>	Forward	5'-CAACCAGAATTCCCTTTGGA-3'
	Reverse	5'-TGCTCCATTTAGCCAAGGTT-3'
<i>ACAN</i>	Forward	5'-TTCGGGCAGAAGAAGGAC-3'
	Reverse	5'-CGTGAGCTCCGCTTCTGT-3'
<i>COL1A1</i>	Forward	5'-TATGGCGGCCAGGGCTCCGACCCTG-3'
	Reverse	5'-CCAAGGGGGCCACATCGATGATGG G-3'
<i>COL2A1</i>	Forward	5'-GAGGGCAATAGCAGGTTCCACGTA-3'
	Reverse	5'-TGGGTGCAATGTCAATGATGG-3'
<i>GAPDH</i>	Forward	5'-GCCAAAAGGGTCATCATCTC-3'
	Reverse	5'-GTCTTCTGGGTGGCAGTGAT-3'
Rat		
<i>Ccn2</i>	Forward	5'-CCACCCGAGTTACCAATGAC-3'
	Reverse	5'-GTGCAGCCAGAAAGCTCA-3'
<i>Ccn3</i>	Forward	5'-CTGGACCTCATCAGCATT-3'
	Reverse	5'-TCAAGGGCCAGCAGTTCA-3'
<i>Sox9</i>	Forward	5'-AGACCAGTACCCGCATCT-3'
	Reverse	5'-CGCTCCGCCTCCTCCAC-3'
<i>Acan</i>	Forward	5'-TTGGAGCCGGAGACGACAGA-3'
	Reverse	5'-AGAGGCAGAGGGACTTTCCGGT-3'
<i>Col1a2</i>	Forward	5'-CCGTGCTTCTCAGAACATCA-3'
	Reverse	5'-CTTGCCCCATTCAATTTGTCT-3'
<i>Col2a1</i>	Forward	5'-TTCCTCCGTCTACTGTCCACTGA-3'
	Reverse	5'-CTACATCATTGGAGCCCTGGAT-3'
<i>Vegf-a</i>	Forward	5'-TTCAGAGCGGAGAAAGCATT-3'
	Reverse	5'-GAGGAGGCTCCTTCTGC-3'
<i>Gapdh</i>	Forward	5'-GTCTTCACTACCATGGAGAAGG-3'
	Reverse	5'-TCATGGATGACCTTGCCAG-3'