

Supplementary materials 1:**Table S1. Primer used for real-time PCR**

Gene	Forward primer sequence (5'-3')	Reverse primer sequence (3'-5')
Actin	TGGAATCCTGTGGCATCCATGA	TAAAACGCAGCTCAGTAACAGT
iNOS	GACGAGACGGATAGGCAGAG	CACATGCAAGGAAGGGAAGT
Il-6	ACCCCAATTTCCAATGCTCT	CGCACTAGGTTTGCCGAGTA
Tnf- α	CACAGCCTTCCTCACAGAGC	CCCGGCCTTCCAAATAAATA
Il-10	CCTGCTCTTACTGACTGGCATGAG	TGAAGGCAGTCCGCAGCTCTAG
Tgf- β	GACCTGGGTTGGAAGTGGAT	TTGGTTGTAGAGGGCAAGGA
Bmp2	CGCTCCACAAACGAGAAAAG	GTCATTCCACCCACATCAC
Trap	CACGATGCCAGCGACAAGAGG	ATCTGTGCAGAGACGTTGCCAAG
Ctsk	GGAGGCCTCTCTTGGTGTCC	TCGATGGAGTCTGGGACCCT
Sclerostin	CGTGCCTCATCTGCCTACTTGTG	CCGGTTCATGGTCTGGTTGTTCTC
Sema 4D	CTACAGCCACTAAGCAGCACTTCC	GTCAAGTTCAGGTGGTCACAGGTG
Cthrc1	GCTACAGTTGTCCGCACCGATC	GCCACTGAACAGAACTCGCAGAG
Bmp6	GCTCCGGTTCTTCAGACTACAACG	GCAATGATCCAGTCCTGCCATCC
Mrc1	ACCTGGCAAGTATCCACAGCATTG	TGTTGTTCTCATGGCTTGGCTCTC
Ym1	GAATGAAGGAGCCACTGAGGTCTG	TTGTTGTCCTTGAGCCACTGAGC
Alox15	CTCAGGCTTGCCACTTCATCACC	CGTCGCCATCAGCTTCTCCATC
Hla-dr	TGTCTCTGTCCTGGTGGCTCTG	TTCATGCGAAGGCTCTCCAGTTG