

21 **Additional file 4.** Sequences of primers used in quantitative PCR.

Gene symbol	Forward primer	Reverse primer
APOC1	TCTCCCCCTTGAAGAACTGA	ACAGAACCACCACCAAAACC
MMP1	AACGGACTTCAGGCTGCTTA	AACGGACTTCAGGCTGCTTA
KMO	CATGCCATAGTGCCCTTTTT	ATGGCATGGTCATCTGGAAT
CCL19	TTTCTGTAACCCAGCGTCCC	CTGTGGCCCTTGTTCTTTGC
CXCL12	ACCTGCATTTATAGTGTCTGG T	GGCACCGGTGAATATAAGCT G
C5AR1	AGTGAAGGTCTTACTAATCGG GTT	CCGAGGTGCCTAACCAATGT
NCAM1	CGGCATTTACAAGTGTGTGG	CACACAATCACGGCATCTTC
BAK1	ACCCAGAAATGGTCACCTTG	TCATAGCGCTGGTTGATGTC
CREB3L3	GTCTTGCTGTTCTCCTTTGC	GGGTCGTTGTGCAAAGTTCT
ART5	TGTGGGCACTCTTCACTTTG	GAGAGAAGAAGGTGGCGTTG
ASB9	GGGGATATTGTGTCCGATTG	TCTGCTGTGACGAGGTTTAC
β - actin	CCACACCTTCTACAACGAGC	GAACATGATCTGGGTCATCTT CTC

22

23