

### Additional file 3:

**Table S1.** Primer sequences used for quantitative real-time PCR analysis

Gene Name	Forward Primer Sequence	Reverse Primer Sequence
<i>IL6</i>	5'- GTGGCTGCAGGACATGACAA -3'	5'- TGAGGTGCCCATGCTACATTT -3'
<i>CXCL8</i>	5'- AAGAGCCAGGAAGAAACCACC -3'	5'- CTGCAGAAATCAGGAAGGCTG -3'
<i>MMP3</i>	5'- CTGCTGTTGAGAAAGCTCTG -3'	5'- AATTGGTCCCTGTTGTATCCT -3'
<i>CCL2</i>	5'- ACTCTCGCCTCCAGCATGAA -3'	5'- TTGATTGCATCTGGCTGAGC -3'
<i>CDKN2A</i>	5'- GAAGGTCCTCAGACATCCCC -3'	5'- CCCTGTAGGACCTTCGGTGAC -3'
<i>CDKN1A</i>	5'- GACTCTCAGGGTCGAAAACGG -3'	5'- CTTCTCTTGGAGAAGATCAGCC -3'
<i>LMNB1</i>	5'- ATCGAGCTGGGCAAGT -3'	5'- TCTCGAAGCTTGATCTGG -3'
<i>β-ACTIN</i>	5'-GCGCGGCTACAGCTTAC-3'	5'-GGCCATCTCTTGCTCGAAGT-3'

*IL6*, interleukin 6; *CXCL8*, interleukin 8; *MMP3*, matrix metalloproteinase 3; *CCL2*, monocyte chemoattractant protein 1; *CDKN2A* cyclin-dependent kinase inhibitor 2A; *CDKN1A* (*p21*), cyclin-dependent kinase inhibitor 1; *LMNB1*, lamin B1