**Supplementary File 1. Sequence of oligonucleotides**

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| Gene | Sequence |
| ZC3H11A | Forward: CTAAACTGCGCTTTCCATCACA  Reserve: CGTTGATTACAACAGGCGGAT |
| PI3K | Forward: TGGGACCTTTTTGGTACGAGA  Reserve: AGCTAAAGACTCATTCCGGTAGT |
| AKT | Forward: CCTTTATTGGCTACAAGGAACGG  Reserve: GAAGGTGCGCTCAATGACTG |
| IκBα | Forward: TGAAGGACGAGGAGTACGAGC  Reserve: TGCAGGAACGAGTCTCCGT |
| NF-κB | Forward: GGGGCCTGCAAAGGTTATC  Reserve: TGCTGTTACGGTGCATACCC |
| TGF-β1 | Forward: GTAACGCCAGCCAGGAATTGTTGCTA  Reserve: CTTCAATACGTCAGACATTCGGG |
| IL-6 | Forward: CTGCAAGAGACTTCCATCCAG  Reserve: AGTGGTATAGACAGGTCTGTTGG |
| MMP-2 | Forward: CAAGTTCCCCGGCGATGTC  Reserve: TTCTGGTCAAGGTCACCTGTC |
| GAPDH | Forward: AGGTCGGTGTGAACGGCTTTG  Reserve: TGTAGACCATCTAGTTGAGGTCA |

The mRNA expression levels were analysed by the comparative Ct method and normalised using GAPDH.