

Supplementary Table 1

| Gene name     | Forward Primer                     | Reverse Primer                    |
|---------------|------------------------------------|-----------------------------------|
| GZMK          | 5'-TGCCAAGGTCTTCAAGACAGC-3'        | 5'-TCCAGGGTCTCGATGATACCA-3'       |
| C3            | 5'-TGCTGGAAAGAACTGCCTGA-3'         | 5'-TCCAGGTCGGAATGGTAATG-3'        |
| IL-6          | 5'-TAGTCCTTCCTACCCCAATTTC-3'       | 5'-TTGGTCCTTAGCCACTCCTTC-3'       |
| TNF- $\alpha$ | 5'-CCCTCACACTCAGATCATCTTCT-3'      | 5'-GCTACGACGTGGGCTACA-3'          |
| CCL2          | 5'-TTAAAAACCTGGATCGGAACCAA-3'      | 5'-GCATTAGCTTCAGATTACGGGT-3'      |
| CCL5          | 5'-GCTGCTTTGCCTACCTCTCC-3'         | 5'-TCGAGTGACAAACACGACTGC-3'       |
| TGF- $\beta$  | 5'-CTTCAGCTCCACAGAGAAGAACTGC-3'    | 5'-CACGATCATGTTGGACAACCTGCTC-3'   |
| IL1- $\alpha$ | 5'-CAACAA AGA GCC AAG GAC CTG-3'   | 5'-GAT CTG CCT GTT TTA GGA GGC-3' |
| IL-1 $\beta$  | 5'-GCA ACT GTT CCT GAA CTC AACT-3' | 5'-ATC TTT TGG GGT CCG TCA ACT-3' |
| MMP9          | 5'-CTGTCCAGACCAAGGGTACAGC-3'       | 5'-GGGTACAAGTATGCCTCTGCCA-3'      |
| PDGF          | 5'-GCCAAGCGAGTCAGATCCAC-3'         | 5'-AGGTGCTCCAGTGGTAGGTG-3'        |
| MMP13         | 5'-CTTCTTCTTGTTGAGCTGGACTC-3'      | 5'-CTGTGGAGGTTTCAAGTATGG-3'       |
| ACTA2         | 5'-GTCCCAGACATCAGGGAGTAA-3'        | 5'-TCGGCAGTAGTCACGAAGGA-3'        |
| Colla1        | 5'-GCTCCTCTTAGGGGCCACT-3'          | 5'-CCACGTCTCACCATTGGGG-3'         |
| GAPDG         | 5'-AGGTCGGTGTGAACGGATTG-3'         | 5'-TGTAGACCATGTAGTTGAGGTCA-3'     |