**Table S1:** The primer sequences for real-time quantitative polymerase chain reaction (RT-qPCR)

|  |  |  |
| --- | --- | --- |
| GAPDH | Forward Reverse  | 5’-GGAGCGAGATCCCTCCAAAAT-3’ 5’-GGCTGTTGTCATACTTCTCATGG-3’  |
| SAA-1 | Forward Reverse | 5’-CTGCAGAAGTGATCAGCG-3’ 5’-ATTGTGTACCCTCTCCCC-3’  |
| SAA-2 | Forward Reverse | 5’-CTGCAGAAGTGATCAGCA-3’ 5’-ATTATATGCATTATCTCAGC-3’  |
| SAA-4 | Forward Reverse | 5’-CCAGTGAAAGCTGGCGTTCG-3’ 5’-GAGAAGTGTGTGGCTCACAGCC-3’ |
| MMP-1  | Forward Reverse | 5’-AAAATTACACGCCAGATTTGCC-3’ 5’-GGTGTGACATTACTCCAGAGTTG-3’  |
| MMP-9 | Forward Reverse | 5’-TGTACCGCTATGGTTACACTCG-3’ 5’-GGCAGGGACAGTTGCTTCT-3’  |
| MMP-12 | Forward Reverse | 5’-CATGAACCGTGAGGATGTTGA-3’ 5’-GCATGGGCTAGGATTCCACC-3’  |
| E-cadherin | Forward Reverse | 5’-CGAGAGCTACACGTTCACGG-3’ 5’-GGGTGTCGAGGGAAAAATAGG-3’  |
| N- cadherin | Forward Reverse | 5’-TCAGGCGTCTGTAGAGGCTT-3’ 5’-ATGCACATCCTTCGATAAGACTG-3’  |
| Vimentin  | Forward Reverse | 5’-GACGCCATCAACACCGAGTT-3’ 5’-CTTTGTCGTTGGTTAGCTGGT-3’  |
| Snail  | Forward Reverse | 5’-TCGGAAGCCTAACTACAGCGA-3’ 5’-AGATGAGCATTGGCAGCGAG-3’  |