

**Additional File 1: Table S1 Primer sequences used for qRT-PCR analysis.**

| <b>Gene</b>   | <b>Forward primer</b>           | <b>Reverse primer</b>           | <b>References</b>   |
|---------------|---------------------------------|---------------------------------|---------------------|
| TNF- $\alpha$ | 5'- AACCTCCTCTCTGCCGTCAA -3'    | 5'-AAAGTAGACCTGCCCCGGACTC -3'   |                     |
| IL-6          | 5'-TGGAGTCACAGAAGGAGTGGCTAA -3' | 5'-TCTGACCACAGTGAGGAATGTCCA -3' |                     |
| TGF- $\beta$  | 5'-CTACAATGAGCTGCGTGTG -3'      | 5'-TGGGGTGTGTTGAAGGTCTC -3'     | Chen ZB et al. [29] |
| IL-10         | 5'-CCAAGCCTTATCGGAAATGA -3'     | 5'-TTTTCACAGGGGAGAAATCG -3'     | Chen ZB et al. [29] |
| iNOS          | 5'-CAAGCACCTTGGAAGAGGAG -3'     | 5'-AAGGCCAAACACAGCATAACC -3'    | Jia L et al. [30]   |
| Arg-1         | 5'-CTCCAAGCCAAAGTCCTTAGAG -3'   | 5'-AGGAGCTGTCATTAGGGACATC -3'   | Cheng Y et al. [31] |
| GAPDH         | 5'-GGTTGTCTCCTGCGACTTCA -3'     | 5'-TGGTCCAGGGTTTCTTACTCC -3'    |                     |