Table 1. Primer sequences of chicken cytokines used for the quantitative real-time PCR.

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| RNA target | Primer sequence (5' to 3') | Accession no. | Length of product(bp) |
| COX-2 | F: 5' CTGTTGGGCAGGAGGTGTTTGG 3' | NM\_001167718 | 126 |
| R: 5' GCTGCTCATCATCCCACTCTGG 3' |
| PLA2 | F: 5' GGCACAGAACAAGACGAT 3' | XB\_001145489.2 | 126 |
| R: 5' CAGACGAACATCTCACACT 3' |
| GAPDH | F: 5' GCTGTGGAGAGATGGCAGAGGT 3' | NM\_001004414 | 222 |
| R: 5' ACGGCAGGTCAGGTCAACAACA 3' |
| IL-10 | F: 5' AGCCAGCACTGCCACAAGAAC 3' | NM\_204961.2 | 142 |
| R: 5' TAGTGTTGCCTGCTGCCGTG 3' |
| iNOS | F: 5' TGTGGAAGGACCGAGCTGTTGT 3' | NM\_204305.2 | 163 |
| R: 5' CCTCCTCGCACACGGTACTCAT 3' |
| TNF-α | F: 5' CTCAGGACAGCCTATGCCAACA 3' | NM\_204267.2 | 177 |
| R: 5' CCACCACACGACAGCCAAGT 3' |
| IL-1β | F: 5' AGCAGCAGCCTCAGCGAAGA 3' | NM\_204524.2 | 183 |
| R: 5' CCTCCGCAGCAGTTTGGTCAT 3' |
| IL-2 | F: 5' CCGTGGCTAACTAACCTGCTGT 3' | NM\_204153.2 | 110 |
| R: 5' CCCGTAGGGCTTACAGAAAGGA 3' |
| IL-6 | F: 5' AATCCCTCCTCGCCAATCT 3' | NM\_204628.2 | 102 |
| R: 5' TCACGGTCTTCTCCATAAACG 3' |
| IFN-γ | F: 5' CACTGACAAGTCAAAGCCGC 3' | NM\_205149.2 | 131 |
| R: 5' TCAAGTCGTTCATCGGGAGC 3' |
| IL-4 | F: 5' AGCCAGCACTGCCACAAGAAC 3' | NM\_001007079.2 | 112 |
| R: 5' TAGTGTTGCCTGCTGCCGTG 3' |
| TGF-β1 | F: 5' GCCGACACGCAGTACACCAA 3' | NM\_001318456.1 | 168 |
| R: 5' CTCCAGGTCCAGCCGTTG 3' |