**Table S1 Primer sequencing used in PCR for various Chicken genes.**

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| --- | --- | --- |
| Gene/exon no. | Type | Primer sequence 5' →3’ |
| MUC2 | Forward  Reverse | ATTGTGGTAACACCAACATTCATC CTTTATAATGTCAGCACCAACTTCTC |
| IL1β | Forward  Reverse | CTGCCTGCAGAAGAAGCCT  CAGAGGATTGTGCCCGAACT |
| IL16 | Forward  Reverse | GCAGGACGAGATGTGCAAGA CAGAGGATTGTGCCCGAACT |
| IFN-γ | Forward  Reverse | AACAACCTTCCTGATGGCGT TGAAGAGTTCATTCGCGGCT |
| LiTAF | Forward  Reverse | AGCAGGGCTGACACGGAT GACAGGGTAGGGGTGAGGAT |
| GAPDH | Forward  Reverse | GGCACTGTCAAGGCTGAGAA CACCTGCATCTGCCCATTTG |