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

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