**Supplementary Table 1:**

Primers used in this study

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| **Genes** | **Primer** | **Nucleotide sequence of primers (5’-3’)** |
| BatTBK1 | Forward | ATGCAGAGCACTTCTAATC |
| Reverse | CTAAAGACAGTCAACATTGCG |
| pcDNA3.1 | Forward | CTCGAGGACTACAAGGACGACGAT |
| Reverse | GAATTCCACCACACTGGACTAGT |
| pcDNA3.1-batTBK1 | Forward | CCAGTGTGGTGGAATTCATGCAGAGCACTTCT |
| Reverse | CTTGTAGTCCTCGAGAAGACAGTCAACATTGC |
| BatTBK1-dPKD | Forward | ATTCATGTTTTTTCGCTACAACAAATGACAGCTC |
| Reverse | GTAGCGAAAAAACATGAATCAGATGATTAGAAGTGCTCTG |
| BatTBK1-dULD | Forward | AAAATTTCCCTCCCTAAAGTACACCCACGT |
| Reverse | AGGGAGGGAAATTTTGTGAAGTATATCACTAGTTTCTGC |
| batIRF7-dCCD1 | Forward | GAAAAAATTTCCCTCGAAACTTTGCCTCAG |
| Reverse | GAGGGAAATTTTTTCATACATCAATCCTATGG |
| qPCR-batIFN-β | Forward | TGCACTCTCCAGATGGCT |
| Reverse | CCTGCTCTCCATGCAATGT |
| qPCR-NDV | Forward | TGCAGCAATGGTACTCCGTT |
| Reverse | CCTTTGCTACCGTGACCCAT |
| qPCR-batTBK1 | Forward | ATGAAGGACGACGCCTAGTG |
| Reverse | GTCACAGGTTCCCGGCTTAC |

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| **Genes** | **Primer** | **Nucleotide sequence of primers (5’-3’)** |
| qPCR-batOAS1 | Forward | ATCTGCAGTTTCCTGAAGGAG |
| Reverse | GCTGAGGAAGCGACGAGGTC |
| qPCR-batIL6 | Forward | CTACTGCTTTCCCTACCC |
| Reverse | TCCTTGCTGTTTTTACACG |
| qPCR-batMX1 | Forward | GGAGGGTCAGCTCCCCTCA |
| Reverse | GCCATGCTCAGCGCCTCT |
| qPCR-batPKR | Forward | GGATTGCCCAAAAGGCAA |
| Reverse | GGTAGGACCTGTAGCATCA |
| qPCR-VSV(G gene) | Forward | TGCAAGGAAAGCATTGAACAA |
| Reverse | GAGGAGTCACCTGGACAATCAC |
| qPCR-chicken IFN-β | Forward | CCTCAACCAGATCCAGCATT |
| Reverse | GGATGAGGCTGTGAGAGGAG |