**Supplemental Table S1. Oligonucleotide primers used for RT-qPCR**

| Primer name       | 5’ - 3’ sequence                      |
|-------------------|---------------------------------------|
| OC43-ORF1ab-Fwd   | TCCTACTTTGGAGTCAGGAACT                |
| OC43-ORF1ab-Rev   | GTAGCAGCACTCTGCAATCT                 |
| OC43-N/Leader-Fwd | TCCCCGTTTCACTGATCTCTT                |
| OC43-N-Rev        | TTTGCTTTGGGTTGAGCTCTTT               |
| GAPDH-Fwd         | TCTTTTGCCTCGCCAGCCGGA                |
| GAPDH-Rev         | ACCAGGCCGCCCATAACGACC                 |
| METTL16-Fwd       | CACTGAATTCTGTCAAGGTC                 |
| METTL16-Rev       | GATGGTACTGTGACATCATT                 |
| IFNB-Fwd          | GAAAGAAGATTTCCACCAGGG                |
| IFNB-Rev          | CCTTCAAGGTAATGCAGAAATC               |
| IFIT2-Fwd         | ACCATGAGTGAGAACAATAAG                |
| IFIT2-Rev         | TTAGATAGGCAAGTAGGTGG                 |
| ISG15-Fwd         | AGATCAACCAGAAGATCG                  |
| ISG15-Rev         | TGTTAATTCTACAGAGGATG                 |
| OAS3-Fwd          | AGTGTACCAAGATCTCAGAAG                |
| OAS3-Rev          | ATGGTCCAGTAGATACAGAG                |