**Supplementary table 1**

Table. 1 primer pairs for Identification

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| Primers | Sequence |
| nsp2 | 5′-GGCAGTGGTCCCAGATAATTCAAG-3′ |
| 5′-GTACATACCCCACCTAGATCTGTCG-3′ |
| CASP3 | F：5′-AGCCCATTTCTCCATACG-3′ |
| R：5′-TTATTGCCTCACCACCTTTAG-3′ |
| TNFα | F：5′-CCTCTCTC TAATCAGCCCTCTG-3′ |
| R：5′-GAGGACCTGGGAGTAGTAGTAGGAG-3′ |
| MAPK8 | F：5′-AGGACTGCAGGAACGAGTTTT-3′ |
| R：5′-TAGCCCATGCCAAGGATGAC-3′ |
| GAPDH | F：5′-GCACCGTCAAGGCTGAGAAC-3′ |
| R：5′-TGGTGAAGACGCCAGTGGA-3′ |