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**Supplementary Data**

**Classical swine fever virus NS5A protein antagonizes innate immune response by inhibiting the NF-κB signaling**

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Table S1. Sequences of oligonucleotide primers used in present study.

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| Primers | Sequence (5′−3′) |
| P3×FLAG-NS5Am1  | FP | G***GAATTC***ATCAAGTAATTACATTCTAGAG |
| RP | CG***GGATCC***ATTAGGCTGGTCTTATGGTCCCTAT |
| p3×FLAG-NS5Am2  | FP | G***GAATTC***ATTCGGGGAGAAAGTAACA |
| RP | CG***GGATCC***ATTACAGTTTCATAGAATACACTTTTG |
| p3×FLAG-NS5Am3 | FP | G***GAATTC***ATCAAGTAATTACATTCTAGAG |
| RP | CG***GGATCC***ATTACCACTGTGCTTCTGCCTTG |
| p3×FLAG-NS5Am4 | FP | G***GAATTC***AACCATCAAACTGGATTTCAACA |
| RP | CG***GGATCC***ATTACAGTTTCATAGAATACACTTTTG |
| pCMV-NEMOΔN1 | FP | CG***GAATTC***GGAGCAGGACCCCCTGGAAGAGTCA |
| RP | GGGGTACCTTACTGCTCGGCCTCCTCCTTCAGC |
| pCMV-NEMOΔN2 | FP | CG***GAATTC***GGAGCAGGACCCCCTGGAAGAGTCA |
| RP | GG***GGTACC***TTACGATTCCTGGCAGCTGGTCTTCA |
| pCMV-NEMOΔN3 | FP | CG***GAATTC***GGGAGCTCCTGAAGACCTGCCAG |
| RP | GG***GGTACC***TTACTACTCGATACACTCCATGACA |
| pCMV-NEMOΔN4 | FP | CG***GAATTC***GGTCGGAGGAGAAGCGGAAGCTG |
| RP | GG***GGTACC***TTACTACTCGATACACTCCATGACA |
| IFN-α | FP | CTGCTGCCTGGAATGAGAGCC |
| RP | TGACACAGGCTTCCAGGTCCC  |
| α-Tubulin | FP | TGGAACCCAGTCATTGATGA |
| RP | TGATCTCCTTGCCAATGGTGTA |
| pCMV-K27R | FP | CTTATGGCCATGGAGGCCC***GAATTC***GGCAGATCTTCGTGAGGACCCT  |
| RP2 | TGGATCTTTGCCCGGACATTCTCAA |
| FP2 | TTGAGAATGTCCGGGCAAAGATCCA |
| RP | GGATCCCCGCGGCCGCGGTAC***CTCGAG***TCACCCACCTCTGAGACGGA |

Note: The restriction enzyme recognition sequences were marked in bold.