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**Supplementary Data**

**Calmodulin-like 5 promotes PEDV replication by regulating late-endosome synthesis and innate immune response**

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**Table S1.** The list of primers

|  |  |  |
| --- | --- | --- |
| Purpose | Names | Sequence (5′−3′) |
| Real-time PCR Primers | *PEDV N forward* | CACAACCGAATGCTATTGACG |
|  | *PEDV N reverse* | GATACTTTGGCCTCTTGTGT |
|  | *hRIG1 forward* | CACCTCAGTTGCTGATGAAGGC |
|  | *hRIG1 reverse* | GTCAGAAGGAAGCACTTGCTACC |
|  | *hMAVS forward* | ATAAGTCCDGAGGGCACCTTT |
|  | *hMAVS reverse* | GTGACTACCAGCACCCCTGT |
|  | *hIL6 forward* | TACCCCCAGGAGAAGATTCC |
|  | *hIL6 reverse* | TTTTCTGCCAGTGCCTCTTT |
|  | *hIFN-β forward* | GTCAGAGTGGAAATCCTAAG |
|  | *hIFN-β reverse* | ACAGCATCTGCTGGTTGAAG |
|  | *hCALML5 forward* | TCATCTCCCAGTTTGATAGC |
|  | *hCALML5 reverse* | GATCATGGCATCCAGCTC |
|  | *sCALML5 forward* | GCTGTCCAAAGAGCAGGTG |
|  | *sCALML5 reverse* | CCAGGAACTCCTCGAAGCT |
|  | *hGAPDH forward* | GTCTTCACTACCATGGAGAAGG |
|  | *hGAPDH reverse* | TCATGGATGACCTTGGCCAG |
|  | *sGAPDH forward* | TGGTGAAGGTCGGAGTGAAC |
|  | *sGAPDH reverse* | CGCTCCTGGAAGATGGTGAT |

**Table S2**. The list of siRNA.

|  |  |
| --- | --- |
| Names | siRNA Sequence (5′−3′) |
| TSG101 | CCUGAAGCAUGUACGUCUUTT |
| VPS28 | GGCUCAGAAAUCAGCACUATT |
| EAP20 | GAGUCAAUCCAGAUUGUAUTT |
| MVB12 | GCCUGGAUACCUUCGAAUATT |
| CAML1 | UUCACUAUCUGUAUCUUUCAU |
| Negetive control | UUCUCCGAACGUGUCACGUTT |