**Supplementary Information**

**Table S1. qRT-PCR primers used in the study.**

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| --- | --- | --- | --- |
|  | **Target Gene** | **Amplicon Size (nt)** | **Primer sets (5’-3’)** |
| **229E** | RdRp | 272 | TTTTTCTGTCGCTGCTTTGA  ATAGCGAGCTGCCACTTGAT |
| N | 216 | TCTGCCAAGAGTCTTGCTCG  AGCATAGCAGCTGTTGACGG |
| **OC43** | RdRp | 228 | CATGTTTTGGGCCTCTTGTT  CGGCAACACTAAAACAGCAA |
| N | 282 | CCCAAGCAAACTGCTACCTCTCAG  GTAGACTCCGTCAATATCGGTGCC |
| **SARS-CoV-2** | RdRp | 128 | CGCTTCCAAGAAAAGGACGA  GCAACAGCTGGACAATCCTT |
| **Control** | GAPDH | 226 | GAAGGTGAAGGTCGGAGTC  GAAGATGGTGATGGGATTTC |