

Table S3. Primers used for RT-qPCR and the construction of recombinant plasmid pBAC-DHeB1 with G4-disruptive mutations

| Primer | Nucleotide sequence (5' - 3') |
|----------------|--|
| qPDCoV-N-F | AGCTGCTACCTCTCCGATTC |
| qPDCoV-N-R | ACATTGGCACCAGTACGAGA |
| sgPDCoV-nsp8a | TTCTAATACGACTCACTATAGGTATTAACATGTTGAGCATGTT TTAGAGCTAGA |
| sgPDCoV-nsp8b | TTCTAATACGACTCACTATAGGCAACCCACTTGAGTATGAGTT TTAGAGCTAGA |
| scaffold oligo | AAAAGCACCGACTCGGTGCCACTTTTTCAAGTTGATAACGG ACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAAC |
| PDCoV-nsp8-F | TCTAGCTGATGCGGCCAATG |
| PDCoV-nsp8-OR | TACGCTGAGAAGCAGCTTCACGTTCCCATTCTGCCTT |
| PDCoV-nsp8-OF | AAGGCAGAATGGGAACGTGAAGCTGCTTCTCAGCGTA |
| PDCoV-nsp8-R | AGTCATACTGAAATCCATCA |