Supplementary data

Table S1. PCR mixture for 1 reaction

Component	**Volume (**μL)
10x *Taq* DNA polymerase buffer with KCl	1.25
25 mM $MgCl_2$	0.75
10 mM dNTPs	0.50
10 μM forward primer	0.25
10 μM reverse primer	0.25
Nuclease free water	9.40
Total	12.5

Table S2. PCR thermal cycles

Step	**Temperature (**°C)#	**Time**
Initial denaturation	95	10 min
10 cycles of		
1. Denaturation	95	30 s
2. Annealing	55	30 s
3. Extension	72	1 min per 1 kb
Final extension	72	5 min

Table S3. Oligonucleotide primer sequences used in this study

Primer	**Sequence** (5'-3')	**Annealing temperature (**°C)
T7 promotor	TAATACGACTCACTATAGGG	55
T7 terminator	GCTAGTTATTGCTCAGCGG	55
R1	CCATGATTACGCCAAGCTTTGGAGCC	55
R2	GCTAGATTTCAAAACAGCAGAAAGG	55
SARS-CoV-2 E forward	ACAGGTACGTTAATAGTTAATAGCGT	60
SARS-CoV-2 E reverse	ATATTGCAGCAGTACGCACACA	60