

Supplement table 2. Primers used for RT-qPCR of SARS-CoV-2, HCoV-OC43, and PEDV

Primer	Sequence	Type	Location
SARS-CoV-2 (N gene)	5'-CACATTGGCACCCGCAATC-3'	Forward	28701-28719
	5'- GAGGAACGAGAAGAGGCTTG-3'	Reverse	28789-28808
SARS-CoV-2 (E gene)	5'-ACAGGTACGTTAATAGTTAATAGCGT-3'	Forward	26264-26289
	5'- ATATTGCAGCAGTACGCACACA-3'	Reverse	26306-26327
SARS-CoV-2 (RdRp gene)	5'- GTGARATGGTCATGTGTGGCGG-3'	Forward	15431 - 15452
	5'-CARATGTTAAASACACTATTAGCATA-3'	Reverse	15505 - 15530
HCoV-OC43 (S gene)	5'- AGTACTGCTATTTCTTGTTCAAACATGTG -3'	Forward	1123-1150
	5'- GCTCTACGACTTCGTCTGTTTTTAGA -3'	Reverse	1168-1193
PEDV (N gene)	5'- GATCGTGGCCGCAAACG -3'	Forward	26395-26411
	5'- TGCCATTGCCACGACTCC -3'	Reverse	26827-26844