

S1 Table. RT-LAMP primer sequences. ORF1a-HMSe designed by Rabe and Cepko 2020, the nucleocapsid, envelope and human beta-actin gene designed by NEB (Tanner *et al.*, 2020 & Zhang 2020).

Primer ID:	Primer Sequence:
ORF1a HMSe F3	CGGTGGACAAATTGTCAC
ORF1a HMSe B3	CTTCTCTGGATTTAACACACTT
ORF1a HMSe FIP	TCAGCACACAAAGCCAAAAATTTATTTTTCTGTGCAAAGGAAATTAAGGAG
ORF1a HMSe BIP	TATTGGTGGAGCTAAACTTAAAGCCTTTTCTGTACAATCCCTTTGAGTG
ORF1a HMSe LF	TTACAAGCTTAAAGAATGTCTGAACACT
ORF1a HMSe LB	TTGAATTTAGGTGAAACATTTGTCACG
E-F3	TGAGTACGAACTTATGTACTION
E-B3	TTCAGATTTTTAACACGAGAGT
E-FIP	ACCACGAAAGCAAGAAAAAGAAGTTCGTTTTCGGAAGAGACAG
E-BIP	TTGCTAGTTACACTAGCCATCCTTAGGTTTTACAAGACTCACGT
E-LB	GCGCTTCGATTGTGTGCGT
E-LF	CGCTATTACTIONATTAACG
N-F3	ACCAGGAACTAATCAGACAAG
N-B3	GACTTGATCTTTGAAATTTGGATCT
N-FIP	TTCCGAAGAACGCTGAAGCGGAACTGATTACAAACATTGGCC
N-BIP	CGCATTGGCATGGAAGTCACAATTTGATGGCACCTGTGTA
N-LB	GGGGGCAAATTGTGCAATTTG
N-LF	CTTCGGGAACGTGGTTGACC
ACTB F3	AGTACCCCATCGAGCACG
ACTB B3	AGCCTGGATAGCAACGTACA
ACTB FIP	GAGCCACACGCAGCTCATTGTATCACCAACTGGGACGACA
ACTB BIP	CTGAACCCCAAGGCCAACCGGCTGGGGTGTGGAAGGTC
ACTB LF	TGTGGTGCCAGATTTTCTCCA
ACTB LB	CGAGAAGATGACCCAGATCATGT