

Table S1. Primers used in the study.

Name of clone	Primer name and sequence (5'-3')	Primer use
F-NS1.2 (1-131)	NS1.2 Δ 321-330-F: TGATCTAGAGACCAAGGGCG NS1.2 Δ 132-330-R: TTCCAGAATTGTTCCAGTCAGTGG	Q5, Template: F-NS1.2
F-NS1.2 (117-250)	NS1.2 Δ 1-117-F: GAGAATAGGGATGCTAAGGA NS1.2 Δ 1-131-R: TGAATTCGCGGCCGCAAGCT	Q5, Template: F-NS1.2 (1-250)
F-NS1.2 (251-330)	251-F: TTAAAGAAGGTAGCTAACATATTCC NS1.2 Δ 1-131-R: TGAATTCGCGGCCGCAAGCT	Q5, Template: F-NS1.2
F-NS1.2 (233-330)	233-F: AGACCCTACCAAGATTGGAATAGG NS1.2 Δ 1-131-R: TGAATTCGCGGCCGCAAGCT	Q5, Template: F-NS1.2
F-NS1.2 (1-250)	NS1.2 Δ 321-330-F: TGATCTAGAGACCAAGGGCG 250-R: TTTGGAATCATCCGTAGTAGGG	Q5, Template: F-NS1.2
F-NS1.2 (1-280)	NS1.2 Δ 321-330-F: TGATCTAGAGACCAAGGGCG NS1.2 Δ 280-330-R: GAGAGGCCTTAACCTTCCTA	Q5, Template: F-NS1.2
F-NS1.2 (1-280L ₂₆₂ F ₂₆₆ /ED)	NS1.2(1-280) LF/ED-F: CGCTAGACACCAGGCCCATAAAAGAC NS1.2(1-280) LF/ED-R: AAGACTCGGTACACAGGAATATGTTAGC	Q5, Template: F-NS1.2 (1-280)
F-NS1.2 (117-330)	NS1.2 Δ 1-117-F: GAGAATAGGGATGCTAAGGA NS1.2 Δ 1-131-R: TGAATTCGCGGCCGCAAGCT	Q5, Template: F-NS1.2
F-NS1.2 (Δ 117-250)	251-F: TTAAAGAAGGTAGCTAACATATTCC NS1.2 Δ 117-330-R: CCTCTGATTGAGTGGAGGGA	Q5, Template: F-NS1.2
GFP-NS1.2	NS1.2 1-330-F: CTT <u>CGAATTC</u> AATGAAGATGGCGTCTAACG NS1.2 1-330-R: CGGT <u>GGATCCT</u> CATTGTAACTCGAAATACC GAG	PCR amplification
GFP-NS1.2 (250-330)	NS1.2 251-F: CTT <u>CGAATTC</u> ATTAAAGAAGGTAGCTAACATA NS1.2 1-330-R: CGGT <u>GGATCCT</u> CATTGTAACTCGAAATACCGAG	PCR amplification
GFP-NS1.2-(280-330)	NS1.2 281-F: CTT <u>CGAATTC</u> CAACATCATCAACATCCTAGCT NS1.2 1-330-R: CGGT <u>GGATCCT</u> CATTGTAACTCGAAATACC GAG	PCR amplification
GFP-NS1.2 (250-290)	eGFP-stop-F: TGAG <u>GGATT</u> CACCGATCTAG 290-R: ATCACATGAAGCTAGGATGT	Q5, Template: GFP-NS1.2 (250-330)
NS1.2 (1-250)-Myc	pCMV3Tag-4-F: GAATTCGATATCAAGCTTATCGATACCG 250-R: TTTGGAATCATCCGTAGTAGGG	Q5, Template: NS1.2-Myc
NS1.2 (117-250)-Myc	NS1.2 Δ 1-117-F: GAGAATAGGGATGCTAAGGA pCMV-3Tag-4-R: CATGGTGGATCCGCCCGGGC	Q5, Template: NS1.2(1-250)-Myc
NS1.2 (233-330)-Myc	233-F: AGACCCTACCAAGATTGGAATAGG pCMV-3Tag-4-R: CATGGTGGATCCGCCCGGGC	Q5, Template: NS1.2-Myc

^a Restriction enzyme cleavage site are underlined.