

Table S1 Primers used in the research

Primer Name	Sequence
NS4B-FLAG-F	5' TTTAAGCTTGCCACCATGGCCTCTAGGGCGGCTCTCATCG 3'
NS4B-FLAG-R	5' AAAGAATTCCTACTTATCATCATCATCCTTGTAATCGCATGG GATGGGGCAGTCCTCA 3'
PLA2G4C-HA-F	5' TTTTGAATTCGCCACCATGGGAAGCTCTGAAGTTTCCATAAT 3'
PLA2G4C-HA-R	5' AAAGATATCCTAAGCGTAATCTGGAACATCGTATGGGTATG CCAAGCAGCAACTTCGG 3'
NS4B-EGFP-F	5' TTTTAGATCTGCCACCATGGCCTCTAGGGCGGCTCTCATCG 3'
NS4B-EGFP-R	5' AAAAGAATTCGGCATGGGATGGGGCAGTCCTCA 3'
Core-F	5' TTTTGAATTCATGAGCACAAATCCTAAACCTCAAAG 3'
E1-F	5' TTTTGAATTCATGGCCCAGGTGAAGAATACCAGTAGCAGC 3'
NS2-F	5' TTTTGAATTCATGTATGACGCACCTGTGCACGGACAG 3'
NS3-F	5' TTTTGAATTCATGGCTCCCATCACTGCTTATGCCCAGC 3'
Core-R	5' AAAATCTAGATTAAGCAGAGACCGGAACGGTGATGC 3'
p7-R	5' AAAATCTAGATTAGGCATAAGCCTGCCGGGGCA 3'
NS2-R	5' AAAATCTAGATTAAGGAGCTTCCACCCCTTGGAGGT 3'
NS5B-R	5' AAAATCTAGATTACCGAGCGGGGAGTAGGAAGAGGC 3'
Renilla-F	5' CCCCGAATTCATGACTTCGAAAGTTTATGATCC 3'
Renilla-R	5' CCCCgATATCTTATTGTTcATTTTTGAGAACTC 3'
IRES-F	5' CCCCgATATCCCTGTGAGGAActACTGTCTTC 3'
IRES-R	5' CCCCgCGGCCGCCTTAACGTCTTCTGGGCGAC 3'
Firefly-F	5' CCCGCGGCCGCGATGGAAGACGCCAAAAACATA 3'
Firefly-R	5' CCCCTCGAGTTACACGGCGATCTTTCCG 3'
HCV/F	5' ATCACTCCCCTGTGAGGAACT 3'
HCV/R	5' GCGGGTTGATCCAAGAAAGG 3'
beta-actin/F	5' TGGAATCCTGTGGCATCCATGAAAC 3'
beta-actin/R	5' TAAAACGCAGCTCAGTAACAGTCCG 3'
PLA2G4C/F	5' CCTTGAGTTCACCTTGGCTGTCCTAA 3'
PLA2G4C/R	5' AAGGAGCAGTGAAGGCATTGGTC 3'
PLA2G4C(S82A)-F	5' TCACGTACCTCGCAGGGGTCGCTGGATCCACTTGGGCAATATC 3'
PLA2G4C(S82A)-R	5' GATATTGCCCAAGTGGATCCAGCGACCCCTGCGAGGTACGTGA 3'