

S2 Table

S2 Table. List of primers used in this study

For the recombinant proteins	
	Sequence (5' → 3')
DENV1_NS5	F: CTCACAGAGAACAGATTGGTGGAGGTACCGGTGCCCAAGGGGAA R: GGGCGGGGATCAATCAATCATTACCACAGCGCGCCTTCGGGATC
DENV3_NS5	F: CTCACAGAGAACAGATTGGTGGAGGCACAGGCAGTCAAGG R: GGGCGGGGATCAATCAATCATTACCAAATCGCGCCTTCGCT
DENV4_NS5	F: CTCACAGAGAACAGATTGGTGGATCCTTGATTA AAAATGCCCAAAC R: GGGCGGGGATCAATCAATCATTATAAAACCCCTTCGCTTTCA
DENV2_RdRp	F: CCAGCGGCTCCTCGGGA ACTTACGAGCCAGATGT R: CCAGCGGCTCCTCGGGA ACTTACGAGCCAGATGT
DENV3_RdRp	F: GAACAGATTGGTGGA ACTATCGAGAAAGACGTC R: GATCAATCAATCATTATTCGCTCTCTTCTTCTTTGC
DENV1_C708A	F: GTTCCGTTT _{gct} AGTCACCATTTCACCAGCTGATCATG R: AATGGTGACT _{tagc} AAACGGAACCTGCTGCCAATCGTTCCAT
DENV1_C708Q	F: GTTCCGTTT _{cag} AGTCACCATTTCACCAGCTGATCATG R: AATGGTGACT _{ctg} AAACGGAACCTGCTGCCAATCGTTCCAT
DENV1_C779A	F: AACGCCATT _{gct} AGTGCGGTGCCCGTGGATTGGGTTTCCT R: GCACCGCACT _{tagc} AATGGCGTTCGCTGCCAGACGTAAAT
DENV1_C779Q	F: AACGCCATT _{cag} AGTGCGGTGCCCGTGGATTGGGTTTCCT R: GCACCGCACT _{ctg} AATGGCGTTCGCTGCCAGACGTAAAT
DENV2_C709A	F: GTGCCGTTT _{gcg} AGCCATCATTTTCATGAACTGATTATG R: AATGATGGCT _{cgc} AAACGGCACCTGGGTCCAATCGTTCC
DENV2_C709Q	F: GTGCCGTTT _{cag} AGCCATCATTTTCATGAACTGATTATG R: AATGATGGCT _{ctg} AAACGGCACCTGGGTCCAATCGTTCC
DENV2_C780A	F: AACGCGATT _{gcg} AGCGCGGTGCCGAGCCATTGGGTGCCGA R: GCACCGCGCT _{cgc} AATCGCGTTTGCTGCCAGACGCAGAT
DENV2_C780Q	F: AACGCGATT _{cag} AGCGCGGTGCCGAGCCATTGGGTGCCGA R: GCACCGCGCT _{ctg} AATCGCGTTTGCTGCCAGACGCAGAT

S2 Table (continued)

For the recombinant viruses	
	Sequence (5' → 3')
Fragment #1	1F: AAGCAGAGCTGGTTTAGTGAACCGGAGTTGTTAGTCTACGTGGAC 1R: TTTCTGTCACAATTGGGTTGACTGT
Fragment #2	2F: ACAGTCAACCCAATTGTGACAGAAA 2R: AGTCACTGCCAATTGATACTTTTCC
Fragment #3	3F: GGAAAAGTATCAATTGGCAGTGACT 3R: TCTTCCTATTCTCCCTCTTCTTTGT
Fragment #4	4F: ACAAAGAAGAGGGAGAATAGGAAGA 4R: ACTGAGGGCATATATGGGTTGAGAA
Fragment #5	5F: TTCTCAACCCATATATGCCCTCAGT 5R: GCTTCCATATTGGTGAAAGTATTGA
Fragment #6	6F: TCAATACTTTCACCAATATGGAAGC 6R: GAGGTGGAGATGCCATGCCGACCCTAGAACCTGTTGATTCAACAG
NS5 C709A	C704A-F: GTGCCCTTCgctTCACACCATTTCCATGA C704A-R: ATGGTGTGAagcGAAGGGCACTTGTGTCC
NS5 C709Q	C704Q-F: GTGCCCTTCcaaTCACACCATTTCCATGA C704Q-R: ATGGTGTGAttgGAAGGGCACTTGTGTCC
NS5 C780A	C775A-F: AATGCTATTgccTCGGCAGTACCATCACA C775A-R: TACTGCCGAggcAATAGCATTGCGCCA
NS5 C780Q	C775Q-F: AATGCTATTcaaTCGGCAGTACCATCACA C775Q-R: TACTGCCGAttgAATAGCATTGCGCCA

The codons of each point mutation are represented by letters in lowercase.