

Table S1. Oligonucleotide primer sequences used for site-directed mutagenesis of DENV NS1 by alanine substitution at specific amino acid positions

DENV NS1 mutation	Oligonucleotide primer sequences
T27A	Forward: 5'-AACGTGCAC <u>GC</u> ATGGACAGAACAATACAAG-3'
	Reverse: 5'-TGTCCAT <u>TG</u> CGTGCACGTTGTCTGTGATGTT-3'
T29A	Forward: 5'-CACACATGGG <u>C</u> AGAACAATACAAGTTCCAA-3'
	Reverse: 5'-TTGTTCT <u>TG</u> CCCATGTGTGCACGTTGTC-3'
Y32A	Forward: 5'-GCACACATGGACAGAACAAG <u>CC</u> AAGTTCCAACCAGAATCC-3'
	Reverse: 5'-GGATTCTGGTTGGAACCTT <u>GG</u> CTTGTCTGTCCATGTGTGC-3'
T230A	Forward: 5'-AAATCACACG <u>CC</u> CTCTGGAGCAATGGAGTG-3'
	Reverse: 5'-CCAGAGG <u>GC</u> GTGTGATTTTGGCCAGTGGCA-3'
S233A	Forward: 5'-AAAATCACACACCCTCTGGG <u>CC</u> AATGGAGTGCTAGAAAGT-3'
	Reverse: 5'-ACTTTCTAGCACTCCATT <u>GG</u> CCCAGAGGGTGTGTGATTTT-3'
V6A	Forward: 5'- GGTTGCGTT <u>GCG</u> AGCTGGAAAAACAAAGAA-3'
	Reverse: 5'-CCAGCTC <u>GCA</u> ACGCAACCACTATCGGCCTG-3'