**Table S6.** Primer sequences used for construction of recombinant viruses

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| --- | --- |
| Primersa | Sequence (5’-3’) |
| 9127F | AGA GAC GTG AGC AAG AAA GAG G |
| NS5-UTR-F | TCC ATG AAA AGA TTC AGA AAA GAA GAG GAA GAG GCA GG |
| NS5-UTR-R | CCT GCC TCT TCC TCT TCT TTT CTG AAT CTT TTC ATG GA |
| UTR-HDVr-F | TGT TGA ATC AAC AGG TTC TGG GTC GGC ATG GCA TCT CC |
| UTR-HDVr-R | GGA GAT GCC ATG CCG ACC CAG AAC CTG TTG ATT CAA CA |
| pACYC-11125-R | GGT GAG TAA CCA TGC ATC ATC AGG |

aThe primers are named after the nucleotide position of viral sequence and polarity. F, forward primer representing viral genome sense; R, reverse primer representing complementary sense. Nucleotide numbering is based on DENV-2 strain NGC (GenBank number AF038403).