

S1 Table Primers used in this study.

Fragment	RT primer	Sequence 5'-3'	PCR primer	Sequence 5'-3'
DENV1-5	d1a10 ^a	TCTCTCYGGCTCRAAGAGGG	d1s1C ^a d1a10 ^a	<u>GATGAGGGAAGATGGGG</u> AGTTGTTAGTCTACGTGGAC TCTCTCYGGCTCRAAGAGGG
DENV1-3	d1a5B ^a	<u>TTTGTCGGTCTGGGGGGTAT</u> AGAACCTGTTGATTCAACRGC	d1s12 ^a d1a5B ^a	AAATGGCAGAGGCGCTCAAGGG <u>TTTGTCGGTCTGGGGGGTAT</u> AGAACCTGTTGATTCAACRGC
DENV2-5	DV2RT6817 ^b	TGCGGCCACCACTGTGAGGATGGC	T7-5TDVfWClal ^b DV2RvNheI6731NotI ^b	GGCATCGATTAATACGACTCACTATAGAGTTGTTAGTCTACGTGGAC CGACAAAG GGCGCGCCCGCAGCAAACTATGAGAAAAACTCCA
DENV2-3	3T DV Rv ^b	AGAACCTGTTGATTCAACAGCACC	DV2FwClal6608NheI ^b 3T-NotI DV Rv ^b	GGCATCGATAGGGAAGATGACCCTGGGAATGTG GCCGCGCCCGCAGAACCCTGTTGATTCAACAGCACC
DENV3-5	d3a11 ^a	TTGGTCCAGCCAGGATCA	d3s1C ^a d3a11 ^a	<u>GATGAGGGAAGATGGGG</u> AGTTGTTAGTCTACGTGGAC TTGGTCCAGCCAGGATCA
DENV3-3	d3a5B ^a	<u>TTTGTCGGTCTGGGGGGTAT</u> AGAACCTGTTGATTCAACAGC	d3a5B ^a d3s12 ^a	<u>TTTGTCGGTCTGGGGGGTAT</u> AGAACCTGTTGATTCAACAGC GCTCATGGAATTCAGGCAAT
DENV4-5	DV4-7148R ^c	ATTGCGTAATGGACTAAAAGCA	DV-1F ^c DV4-7130R ^c	AGTTGTTAGTCTACGTGGACCGACAA AAGGTCGTTGGGTTCACTTG
DENV4-3	d4a5B ^a	<u>TTTGTCGGTCTGGGGGGTAT</u> AGAACCTGTTGGATCAACAAC	DV4-6923F ^c d4a5B ^a	GGACGCTCTATGCAGTAGCC <u>TTTGTCGGTCTGGGGGGTAT</u> AGAACCTGTTGGATCAACAAC

Underlying represent restriction sites or T7 promoter sequences that are not present in dengue virus genomes.

^a Christenbury, J. G., 2010

^b Kurosu, T., 2010

^c designed in the present study