

Table S1. Sequences of oligonucleotides used in this study

Name	Sequence (5' to 3')
CHIKV	TTG GTA AAG GAC GCG GAGCA
Trigger	TGG AAA CACCACCCATATCGCT
H1	G GAC GCG GAGCAGAAACACCACCCATTGCTCCGCGTCCTTTACCAA
H2	TGGAAACACCACCCATATCGCTAAAAATTTGGACGCGGAGCAATGGGTGGTGTCTGC TCCGC
H3	GTCA TTC AGC GAT ATGG GTG GTGT TTC CAC CCA TGT AC GAA ACAC CAC CCAT GT ACA GTCA
H4	GTCA TTC AGC GAT GTGT TTC GT ACA TGG GTG GAA ACAC CAC CCAT CAC CCA TGT ACA GTCA
ZIKV	GTTACACGCGCCCTCGCTGGAGC
DENV	ACGCTGGGAAGACCAGAGATCCTGCT
WENV	TCTGGTCGTGTTCTTGCCACC
YFV	ATCGAGTTGCTAGGCAATAAACACAT
JEV	CCGGGCCATCAATATGCTGAAACGC
GETV	AACCTTCGCATGACACCACC
T-Au@Pt	ATC GCT GAA TAAAAA-SH

Name	Sequence (5' to 3')
T-capture	Biotin-AAAAACTA A TG GGT G
C-capture	A TTC AGC GATAAAAA-biotin
Side-1	GTCA TTC AGC GAT ATGG GTG GTGT TTC CAC CCA TGT AC GAA ACAC CAC CCAT GT ACA GTCA
Side-2	ATC GCT GAA TGA C GTGT TTC GT ACA TGG GTG GAA ACAC CAC CCAT TGA CTG TAC ATG GGT G
None-1	ATC GCT GAA TGA C ATGG GTG GTGT TTC CAC CCA TGT AC GAA ACAC TGA CTG TAC ATG GGT G
None-2	ATC GCT GAA TGA C GTGT TTC GT ACA TGG GTG GAA ACAC CAC CCAT TGA CTG TAC ATG GGT G
End-1	C CCA TGT AC GAA ACAC CAC CCAT GT ACA GTCA
End-2	GTCA TTC AGC GAT GTGT TTC GT ACA TGG G
RT-qPCR forward primer	TTTAGCCGTAATGAGCRTCCG
RT-qPCR reverse primer	CCGTGTTCCGGATCACTGTTA
tapman	FAM-TGCCCACACTGTGA-BHQ1