

Table S1: List of viruses and serotypes tested by high throughput real time PCR

Bussuquara
Cache Valley
California encephalitis 1
California encephalitis 2
Chikungunya
Chikungunya_ECSA
Chikungunya Asia
Chikungunya IndECSA
Chikungunya Wafr
Dengue 1
Dengue 2
Dengue 3
Dengue 4
East equine encephalitis 1
East equine encephalitis 2
West equine encephalitis B1
West equine encephalitis B2
Venezuelan equine encephalitis 1
Venezuelan equine encephalitis 2
Venezuelan equine encephalitis 3
Venezuelan equine encephalitis 4
Venezuelan equine encephalitis 5
Venezuelan equine encephalitis 6
Venezuelan equine encephalitis 7
Venezuelan equine encephalitis 8
Venezuelan equine encephalitis 9
Venezuelan equine encephalitis 10
Venezuelan equine encephalitis 11
Venezuelan equine encephalitis 12
Venezuelan equine encephalitis 13
Group C
Apeu
Caraparu 1
Caraparu 2

Guama 1
Guama 2
Guama 3
Guama 4
Guama 5
Guaroa S1
Guaroa S2
Guaroa S3
Ilhéus
Jamestown Canyon
Jurona
Keystone
La crosse 1
La crosse 2
La crosse 3
La crosse 4
La crosse 5
La crosse 6
La crosse 7
La crosse 8
Mayaro 1
Mayaro 2
Oropouche
Rocio
Sindbis 2-3
Sindbis 1
Sindbis 4
Sindbis 5
Sindbis 6
Snowshoe Hare
Saint Louis
Tacaiuma
Trivittatus
Una 1

West Nile 2.1
West Nile 2.2
West Nile 3
West Nile 4
Yellow Fever AC_AE
Yellow Fever SA1
Yellow Fever SA2
Yellow Fever WA1
Yellow Fever WA3
Yellow Fever WA4
Zika 2
Zika 4
Zika 6
Zika 7
Zika 8

Itaqui
Marituba
Murutucu
Nepuyo
Oriboca
Restan

Una 2
Una 3
Una 4
West Nile 1A
West Nile 1B
West Nile 1C