

**S5 Table. Primers used for CHIKV and Dengue virus diagnosis and for sequencing of the CHIKV E1 gene**

Name	Sequence 5'-3'	Reference
<b>Chikungunya diagnosis</b>		
<b>CHIKV 6856</b>	TCA CTC CCT GTT GGA CTT GAT AGA	Lanciotti et al
<b>CHIKV 6981</b>	TTG ACG AAC AGA GTT AGG AAC ATA CC	Lanciotti et al
<b>CHIKV 6919</b>	FAM AGG TAC GCG CTT CAA GTT CGG CG BHQ-2	Lanciotti et al
<b>Dengue diagnosis</b>		
<b>mFU1</b>	TAC AAC ATG ATG GGA AAG CGA GAG AAA AA	Chien et al
<b>CFD2</b>	GTG TCC CAG CCG GCG GTG TCA TCA GC	Chien et al
<b>D1</b>	FAM TCA GAG ACA TAT CAA AGA TTC CAG GGG G BHQ-1	Chien et al
<b>D2</b>	CAL FLUOR RED 610 AAG AGA CGT GAG CAG GAA GGA AGG GGG AGC BHQ-2	Chien et al
<b>D3</b>	QUASAR 670 TGA GAG ATA TTT CCA AGA TAC CCG GAG GAG BHQ-2	Chien et al
<b>D4</b>	HEX TGG AGG AGA TAG ACA AGA AGG ATG GAG ACC BHQ-1	Chien et al
<b>CHIKV E1 amplification and sequencing</b>		
<b>COF1</b>	GGC GCC TAC TGC TTC TGC G	This study
<b>CIR1</b>	CT ACG GCG CAG TTC ATC GCT C	This study
<b>CIF2</b>	GTC GCT GCA GCA CAC AGC AC	This study
<b>COR2</b>	CCT GCT AAA CGA CAC GCA TAG CA	This study

## References

- Lanciotti, R. S. *et al.* Chikungunya virus in US travelers returning from India, 2006. *Emerging infectious diseases* **13**, 764–7 (2007).
- Chien, L.J. *et al.* Development of real-time reverse transcriptase PCR assays to detect and serotype dengue viruses. *Journal of clinical microbiology* **44**, 1295–304 (2006).