



**S1 Fig. Reproducibility of CHIKV RPA assays employing the two primers combinations (A, RF+RR3; B, RF2+RR2).** The RPA assays were conducted eight times using 10-fold serial dilution of the RNA molecular standards. CHIKV RPA assay produced results between 2 to 12 minutes.  $10^7$ - $10^4$  RNA molecules were detected 8 out of 8 runs applying both primers combinations. RF+RR3 primers amplified  $10^3$ - $10^2$  copies 8 out of 8 times, while  $10^1$ , one out of eight times.  $10^3$ - $10^1$  RNA copies were not identified by the CHIKV RF2+RR2 RPA assay. The error bars represent the rang.