

Figure S1 Top Gene Ontology (GO) terms (showCategory=10). GO enrichment analysis was performed by clusterProfiler. The red box highlights GO terms associated with DNA replication and cell cycle enriched in downregulated differential expressed genes during chimera infections.

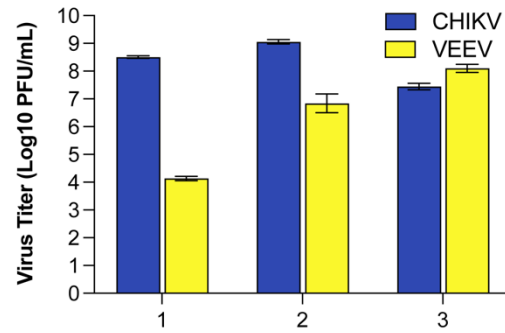


Figure S2 Growth kinetics of Chikungunya virus (CHIKV) and recombinant green fluorescence protein-containing Venezuelan equine encephalitis virus (VEEV-GFP) in C6/36 cells. C6/36 cells were infected at MOI 0.1. Cell supernatants were collected at designated time points, and titers were determined by plaque assay. Each sample was titrated twice (n=2). Average titers  $\pm$  SD (error bars) are shown.