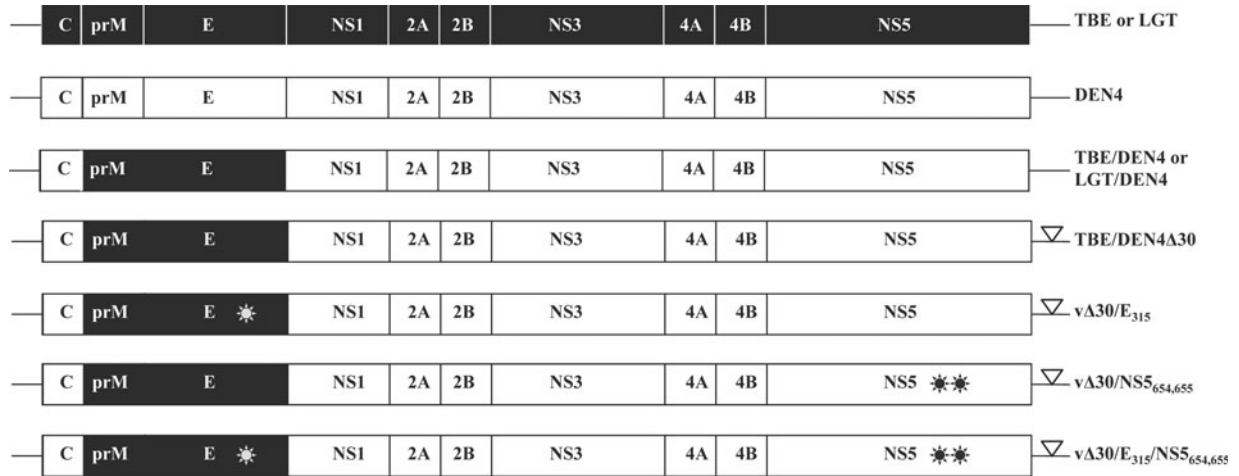# Supplementary Data

SUPPLEMENTARY FIG. S1. Schematic representation of parental and chimeric viruses used in this study. Shading represents the sequence source. White, DEN4 virus; black, TBEV or LGT virus. () represents the $\Delta30$ mutation; () and () represents the E_{315}, $NS5_{654}$, and $NS5_{655}$ mutations. DEN4, dengue 4; LGT, Langat; TBEV, tick-borne encephalitis virus.