



Additional file 1. Maximum likelihood phylogeny for American genotype DENV2 strains including DENV2-QR94 and DENV2-PR159. DENV2 viruses originated from Central-America, South-America, the Caribbean, and Polynesia/Melanesia. DENV2-Jam1409, belonging to the American-Asian genotype, is included for comparison. Bootstrap values greater than 70 are shown and indicate support as a percent of 1000 replicates. Scale bar represents 0.01 substitutions per site.