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(54) Title: CHIMERIC WEST NILE/DENGUE VIRUSES

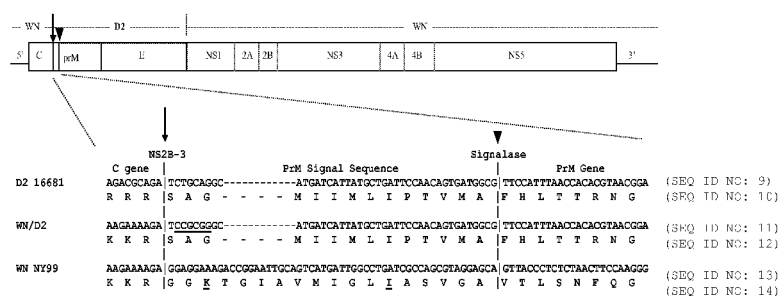


FIG. 1

(57) Abstract: The disclosure provides chimeric West Nile/Dengue viruses comprising non-coding regions, non-structural proteins, and a C protein from a West Nile virus and prM and E proteins from a Dengue virus. Also disclosed are methods of using the chimeric viruses in diagnosis of Dengue viral infection, assessment of candidate Dengue virus vaccine efficacy, and production of Dengue prM and E proteins.