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(54) Title: NOVEL ATTENUATED DENGUE VIRUS STRAINS FOR VACCINE APPLICATION

(57) Abstract: The present invention discloses a method of eliciting an immune response and a method of vaccination comprising administration of a mutated flavivirus. The mutated flavivirus comprises at least one mutation in a nucleic acid sequence encoding for the non-structural protein 5 of the flavivirus sequence resulting in inactivation of the 2'O-methyltransferase.

