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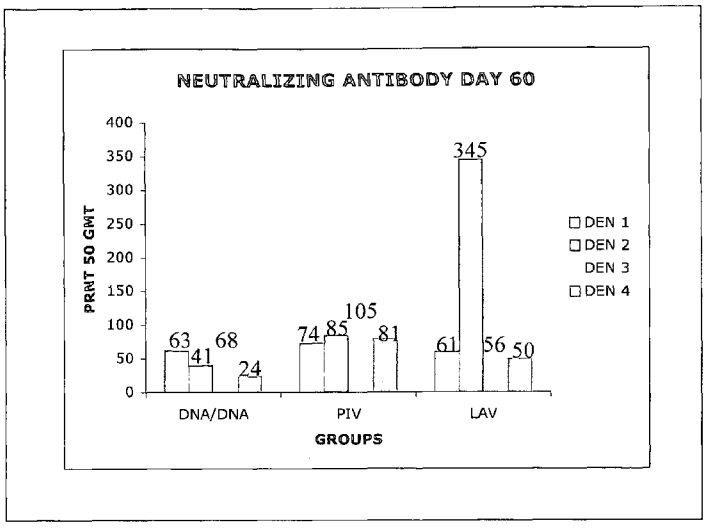


FIG. 2

(57) Abstract: The invention relates to methods for the induction of an immune response to dengue virus. The method of inducing an immune response against dengue virus comprising administration of a non-replicating immunogen followed by a boost with a tetravalent live attenuated viral vaccine. Another aspect of the inventive subject matter is a method of inducing an immune response against dengue virus using a heterologous prime-boost regimen with the priming immunogen comprising a DNA expression system, an adenovirus expression vector or a Venezuelan equine encephalitis virus replicon system and the boosting immunogen comprising the same without the DNA expression system. Each expression system contains DNA sequences encoding dengue viral proteins.

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