

number VR-2653, a dengue-3 (DEN-3) virus having the sequence of DEN-3 strain CH53489 PDK-20 having the ATCC accession number VR-2647, and a dengue-4 (DEN-4) virus having the sequence of DEN-4 strain 341750 PDK-20 having the ATCC accession number VR-2652, and a physiologically acceptable vehicle.

11. The method of claim 10, which comprises administering to an individual an immunologically sufficient amount of a dengue-1 (DEN-1) virus having the sequence of DEN-1 strain 45AZ5 PDK-20 having the ATCC accession number VR-2648, a dengue-2 (DEN-2) virus having the sequence of DEN-2 strain S16803 PDK-50 having the ATCC accession number VR-2653, a dengue-3 (DEN-3) virus having the sequence of DEN-3 strain CH53489 PDK-20 having the ATCC accession number VR-2647, and a dengue-4 (DEN-4) virus having the sequence of DEN-4 strain 341750 PDK-20 having the ATCC accession number VR-2652, and a physiologically acceptable vehicle.

12. A method for stimulating dengue virus specific immune response, which comprises administering to an individual an immunologically sufficient amount of two or more attenuated viruses chosen from the group consisting of a dengue-1 (DEN-1) virus having the sequence of DEN-1

strain 45AZ5 PDK-20 having the ATCC accession number VR-2648, a dengue-2 (DEN-2) virus having the sequence of DEN-2 strain S16803 PDK-50 having the ATCC accession number VR-2653, a dengue-3 (DEN-3) virus having the sequence of DEN-3 strain CH53489 PDK-20 having the ATCC accession number VR-2647, and a dengue-4 (DEN-4) virus having the sequence of DEN-4 strain 341750 PDK-6 having the ATCC accession number PTA-4811, and a physiologically acceptable vehicle.

13. The method of claim 12, which comprises administering to an individual an immunologically sufficient amount of a dengue-1 (DEN-1) virus having the sequence of DEN-1 strain 45AZ5 PDK-20 having the ATCC accession number VR-2648, a dengue-2 (DEN-2) virus having the sequence of DEN-2 strain S16803 PDK-50 having the ATCC accession number VR-2653, a dengue-3 (DEN-3) virus having the sequence of DEN-3 strain CH53489 PDK-20 having the ATCC accession number VR-2647, and a dengue-4 (DEN-4) virus having the sequence of DEN-4 strain 341750 PDK-6 having the ATCC accession number PTA-4811, and a physiologically acceptable vehicle.

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