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(54) Title: HUMAN MONOCLONAL ANTIBODY WITH SPECIFICITY FOR DENGUE VIRUS SEROTYPE 1 E PROTEIN AND USES THEREOF

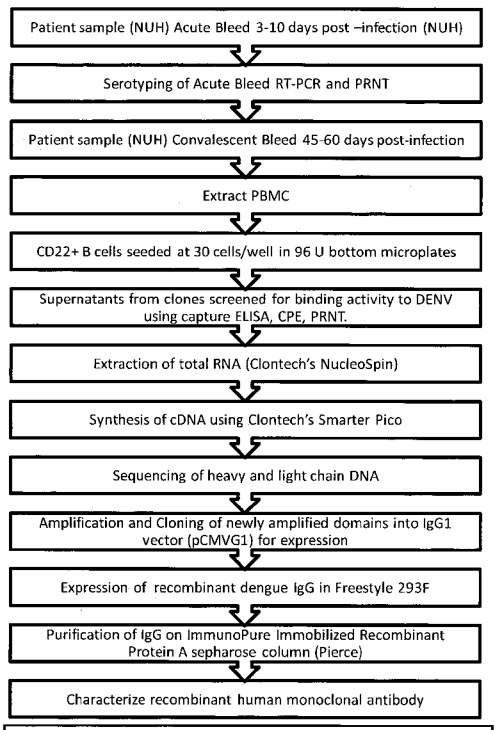


Figure 1: Flowchart of the process of antibody screening, expression and characterization

(57) Abstract: Compositions and methods for the treatment or prevention of Dengue virus infection in a vertebrate subject are provided. In particular, human neutralizing monoclonal antibodies to Dengue virus isolated from EBV immortalized B cells derived from patients who have recovered from Dengue infection are disclosed. Methods are provided for administering such antibodies to a vertebrate subject in an amount effective to reduce, eliminate, or prevent relapse from infection.

WO 2012/082073 A1

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