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(54) Title: A METHOD OF IDENTIFYING A FLAVIVIRUS INFECTION AND RELATED KITS, PEPTIDES AND COMPOSITIONS

(57) Abstract: There is provided a method of identifying Zika virus (ZIKV) and/or dengue virus (DENV) infection in a subject. In various embodiment, the method comprises determining whether a sample of the subject reacts with one or more peptide that is capable of being recognized more strongly by ZIKV- and/or DENV-induced antibody than a recognition of consensus sequence of the non-ZIKV and/or non-DENV- flavivirus by the ZIKV- and/or DENV-induced antibody. Also disclosed are kits, peptides, and immune compositions thereof.



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