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(71) Applicants: **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10, Connexis North Tower, Singapore 138632 (SG). **UNIVERSITY OF CAMPINAS** [BR/BR]; Rua da Reitoria, 122, Cidade Universitaria "Zeferino Vaz", 13083-970 Campinas, Sao Paulo (BR).

(72) Inventors: **NG, Fong Poh, Lisa**; c/o Singapore Immunology Network, 8a Biomedical Grove, #03-00, Immunos Building, Singapore 138648 (SG). **KAM, Yiu-Wing**; c/o Singapore Immunology Network, 8a Biomedical Grove, #03-00, Immunos Building, Singapore 138648 (SG). **AMRUN, Siti Naqiah**; c/o Singapore Immunology Network, 8a Biomedical Grove, #03-00, Immunos Building, Singapore 138648 (SG). **LEITE, Juliana Almeida**; c/o Institute of Biology, University of Campinas (UNICAMP), Cidade Universitaria Zeferino Vaz, Rua Monteiro Lobato, 255, PO Box: 6109,

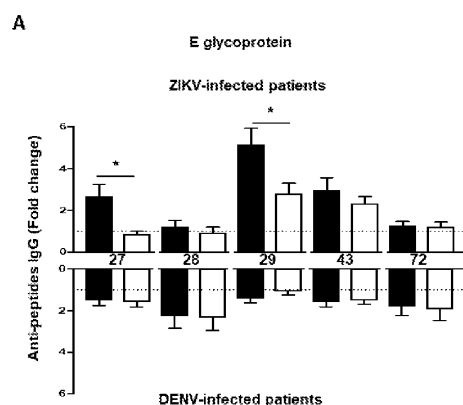
13083-862 Campinas, SP (BR). **COSTA, Fabio Trindade Maranhão**; c/o Institute of Biology, University of Campinas (UNICAMP), Cidade Universitaria Zeferino Vaz, Rua Monteiro Lobato, 255, PO Box: 6109, 13083-862 Campinas, SP (BR).

(74) Agent: **DONALDSON & BURKINSHAW LLP**; 24 Raffles Place, #15-00 Clifford Centre, Singapore 048621 (SG).

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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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