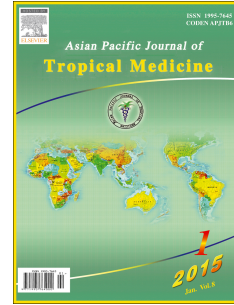


Accepted Manuscript

Prediction of promiscuous T cell epitopes in RNA dependent RNA polymerase of Chikungunya virus

Yasir Waheed, Sher Zaman Safi, Muzammil Hasan Najmi, Hafsa Aziz, Muhammad Imran



PII: S1995-7645(17)30573-4

DOI: [10.1016/j.apjtm.2017.07.023](https://doi.org/10.1016/j.apjtm.2017.07.023)

Reference: APJTM 500

To appear in: *Asian Pacific Journal of Tropical Medicine*

Received Date: 3 April 2017

Revised Date: 28 June 2017

Accepted Date: 30 June 2017

Please cite this article as: Waheed Y, Safi SZ, Najmi MH, Aziz H, Imran M, Prediction of promiscuous T cell epitopes in RNA dependent RNA polymerase of Chikungunya virus, *Asian Pacific Journal of Tropical Medicine* (2017), doi: 10.1016/j.apjtm.2017.07.023.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Prediction of promiscuous T cell epitopes in RNA dependent RNA polymerase of Chikungunya virus

Yasir Waheed¹✉, Sher Zaman Safi², Muzammil Hasan Najmi¹, Hafsa Aziz³, Muhammad Imran^{4,5}

¹Foundation University Medical College, Foundation University Islamabad, DHA-I Islamabad (44000), Pakistan

²Interdisciplinary Research Centre in Biomedical Materials (IRCBM), COMSATS Institute of Information Technology, Lahore Campus, Lahore, Pakistan

³Nuclear Medicine Oncology and Radiotherapy Institute Islamabad, Islamabad (44000), Pakistan

⁴Department of Medical Laboratory Sciences (DMLS), Faculty of Health and Allied Sciences (FHAS), Imperial College of Business Studies (ICBS), Lahore, Pakistan

⁵Department of Microbiology, University of Health Sciences, Lahore, Pakistan

✉ **First and corresponding author:** Yasir Waheed, PhD, Foundation University Medical College, Foundation University Islamabad, DHA-I Islamabad (44000), Pakistan.

Phone: +92-300-5338171

E-mail: yasir_waheed_199@hotmail.com

Keywords

Chikungunya virus

Epitope vaccine

HLA binding

T cell epitopes

Article history:

Received 3 April 2017

Received in revised form 28 June 2017

Accepted 30 June 2017

Available online 20 August 2017

Download English Version:

<https://daneshyari.com/en/article/8754112>

Download Persian Version:

<https://daneshyari.com/article/8754112>

[Daneshyari.com](https://daneshyari.com)