Accepted Manuscript

Title: Neutralizing monoclonal antibodies against porcinophilic Foot-and-mouth disease virus mapped to antigenic site 2 by utilizing novel mutagenic virus-like particles to detect the antigenic change

Authors: Heng-Wei Lee, Ming-Chung Deng, Chu-Hsiang Pan,

Hui-Wen Chang, Ivan-Chen Cheng

PII: S0378-1135(18)30309-2

DOI: https://doi.org/10.1016/j.vetmic.2018.06.002

Reference: VETMIC 7988

To appear in: *VETMIC*

Received date: 11-3-2018 Revised date: 16-4-2018 Accepted date: 4-6-2018

Please cite this article as: Lee H-Wei, Deng M-Chung, Pan C-Hsiang, Chang H-Wen, Cheng I-Chen, Neutralizing monoclonal antibodies against porcinophilic Footand-mouth disease virus mapped to antigenic site 2 by utilizing novel mutagenic virus-like particles to detect the antigenic change, *Veterinary Microbiology* (2018), https://doi.org/10.1016/j.vetmic.2018.06.002

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.



ACCEPTED MANUSCRIPT

Neutralizing monoclonal antibodies against porcinophilic Foot-andmouth disease virus mapped to antigenic site 2 by utilizing novel mutagenic virus-like particles to detect the antigenic change

Running title: MAb against FMDV neutralizing site 2 by mutagenic VLP

Heng-Wei Lee¹, Ming-Chung Deng³, Chu-Hsiang Pan³, Hui-Wen Chang^{1, 2}, Ivan-Chen Cheng^{1*}

¹School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan

²Graduate Institute of Molecular and Comparative Pathobiology, School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan

³Animal Health Research Institute, Council of Agriculture, Tamsui, New Taipei City, Taiwan [or Animal Health Research Institute, Council of Agriculture, Taiwan]

* Corresponding author:

Ivan-Chen Cheng

School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan No 1, Sec 4, Roosevelt Road, Taipei 10617, Taiwan

e-mail: ivancheng@ntu.edu.tw

Co-authors:

Heng-Wei Lee: r03629003@ntu.edu.tw; catastrophe7ww@yahoo.com.tw

Ming-Chung Deng: mcdeng@mail.nvri.gov.tw; alandung@gmail.com

Chu-Hsiang Pan: chpan@mail.nvri.gov.tw; panch_1999@yahoo.com

Hui-Wen Chang: huiwenchang@ntu.edu.tw

Download English Version:

https://daneshyari.com/en/article/8505177

Download Persian Version:

https://daneshyari.com/article/8505177

Daneshyari.com