Accepted Manuscript

Title: Molecular diversity, geographic distribution and host range of monocot-infecting mastreviruses in Africa and surrounding islands

Authors: Simona Kraberger, Salem Saumtally, Daniel Pande, Michel H.R. Khoodoo, Sonalall Dhayan, Asha Dookun-Saumtally, Dionne N. Shepherd, Penelope Hartnady, Richard Atkinson, Francisco Lakay, Britt Hanson, Devasha Redhi, Aderito L. Monjane, Oliver Windram, Matthew Walters, Sunday Oluwafemi, Jean Michel-Lett, Pierre Lefeuvre, Darren P. Martin, Arvind Varsani



PII: S0168-1702(17)30377-5

DOI: http://dx.doi.org/doi:10.1016/j.virusres.2017.07.001

Reference: VIRUS 97186

To appear in: Virus Research

Received date: 17-5-2017 Revised date: 28-6-2017 Accepted date: 1-7-2017

Please cite this article as: Kraberger, Simona, Saumtally, Salem, Pande, Daniel, Khoodoo, Michel H.R., Dhayan, Sonalall, Dookun-Saumtally, Asha, Shepherd, Dionne N., Hartnady, Penelope, Atkinson, Richard, Lakay, Francisco, Hanson, Britt, Redhi, Devasha, Monjane, Aderito L., Windram, Oliver, Walters, Matthew, Oluwafemi, Sunday, Michel-Lett, Jean, Lefeuvre, Pierre, Martin, Darren P., Varsani, Arvind, Molecular diversity, geographic distribution and host range of monocot-infecting mastreviruses in Africa and surrounding islands. Virus Research http://dx.doi.org/10.1016/j.virusres.2017.07.001

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

Molecular diversity, geographic distribution and host range of monocot-infecting mastreviruses in Africa and surrounding islands

Simona Kraberger^{1,2}, Salem Saumtally³, Daniel Pande^{4,5}, Michel H.R. Khoodoo ^{3,\$}, Sonalall Dhayan^{3,\$}, Asha Dookun-Saumtally³, Dionne N. Shepherd⁶, Penelope Hartnady⁷, Richard Atkinson⁶, Francisco Lakay⁶, Britt Hanson⁶, Devasha Redhi⁶, Aderito L. Monjane^{6,8}, Oliver Windram⁹, Matthew Walters², Sunday Oluwafemi¹⁰, Jean Michel-Lett¹¹, Pierre Lefeuvre¹¹, Darren P. Martin^{7*} and Arvind Varsani^{1, 2, 12*}

¹ The Biodesign Center for Fundamental and Applied Microbiomics, Center for Evolution and Medicine, School of Life sciences, Arizona State University, Tempe, AZ 85287-5001, USA

² School of Biological Sciences, University of Canterbury, Christchurch, 8140, New Zealand

³ Mauritius Sugarcane Industry Research Institute, Réduit, Mauritius

⁴ Department of Botany, Maseno University, P.O. Box 333, Maseno, Kenya

⁵ Department of Biological and Biomedical Science and Technology, Laikipia University, P.O. Box 1100-20300, Nyahururu, Kenya

⁶ Department of Molecular and Cell Biology, University of Cape Town, Rondebosch, 7701, Cape Town, South Africa

⁷ Computational Biology Group, Institute of Infectious Diseases and Molecular Medicine, University of Cape Town, Cape Town, 7925, South Africa

 $^{^{8}}$ Department of Immunology, Norwegian Veterinary Institute, Pb 750 Sentrum, N-0106 Oslo, Norway

⁹ Grand Challenges in Ecosystems & the Environment, Imperial College London, Silwood Park Campus, Buckhurst Road, SL5 7PY Ascot, Berks, UK

¹⁰ Department of Crop Production, Soil and Environmental Management, Bowen University, P.M.B. 284, Iwo, Osun State, Nigeria

¹¹ CIRAD, UMR PVBMT, Pôle de Protection des Plantes, 7 Chemin de l'IRAT, 97410 Saint-Pierre, Ile de La Réunion, France

¹² Structural Biology Research Unit, Department of Clinical Laboratory Sciences, University of Cape Town, Observatory, Cape Town, South Africa

[§] Previously at Mauritius Sugar Industry Research Institute

Download English Version:

https://daneshyari.com/en/article/5675369

Download Persian Version:

https://daneshyari.com/article/5675369

<u>Daneshyari.com</u>