

Accepted Manuscript

Title: A rapid assay for detection of *Rose rosette virus* using reverse transcription-recombinase polymerase amplification using multiple gene targets

Author: Binoy Babu Brian K. Washburn Steven H. Miller
Kristina Poduch Tulin Sarigul Gary W. Knox Francisco M.
Ochoa-Corona Mathews L. Paret



PII: S0166-0934(16)30221-X
DOI: <http://dx.doi.org/doi:10.1016/j.jviromet.2016.11.014>
Reference: VIRMET 13152

To appear in: *Journal of Virological Methods*

Received date: 27-4-2016
Revised date: 22-11-2016
Accepted date: 27-11-2016

Please cite this article as: Babu, Binoy, Washburn, Brian K., Miller, Steven H., Poduch, Kristina, Sarigul, Tulin, Knox, Gary W., Ochoa-Corona, Francisco M., Paret, Mathews L., A rapid assay for detection of Rose rosette virus using reverse transcription-recombinase polymerase amplification using multiple gene targets. *Journal of Virological Methods* <http://dx.doi.org/10.1016/j.jviromet.2016.11.014>

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.

A rapid assay for detection of *Rose rosette virus* using reverse transcription-recombinase polymerase amplification using multiple gene targets

Binoy Babu^{1*} binoybabu@ufl.edu, Brian K. Washburn², Steven H. Miller², Kristina Poduch², Tulin Sarigul³, Gary W. Knox¹, Francisco M. Ochoa-Corona⁴, Mathews L. Paret^{1,5*} paret@ufl.edu

¹North Florida Research and Education Center, Institute of Food and Agricultural Sciences, University of Florida, Quincy, Florida 32351

²Department of Biological Science, Florida State University, Tallahassee, Florida 32306

³Directorate of Plant Protection Central Institute, Yenimahalle, Ankara 06172, Turkey

⁴Oklahoma State University, National Institute for Microbial Forensics & Food and Agricultural Biosecurity, Stillwater, Oklahoma 74078

⁵Department of Plant Pathology, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, Florida 32611

*Corresponding authors: Mathews L. Paret, 850-875-7154, and Binoy Babu, 850-875-7130

Download English Version:

<https://daneshyari.com/en/article/5673123>

Download Persian Version:

<https://daneshyari.com/article/5673123>

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