Accepted Manuscript

Quantitative PCR assessment of *Lotmaria passim* in *Apis mellifera* colonies co-infected naturally with *Nosema ceranae*

Branislav Vejnovic, Jevrosima Stevanovic, Ryan S. Schwarz, Nevenka Aleksic, Milorad Mirilovic, Nemanja M. Jovanovic, Zoran Stanimirovic

PII: S0022-2011(17)30324-5

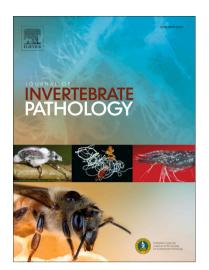
DOI: https://doi.org/10.1016/j.jip.2017.11.003

Reference: YJIPA 7017

To appear in: Journal of Invertebrate Pathology

Received Date: 24 July 2017

Revised Date: 27 September 2017 Accepted Date: 3 November 2017



Please cite this article as: Vejnovic, B., Stevanovic, J., Schwarz, R.S., Aleksic, N., Mirilovic, M., Jovanovic, N.M., Stanimirovic, Z., Quantitative PCR assessment of *Lotmaria passim* in *Apis mellifera* colonies co-infected naturally with *Nosema ceranae*, *Journal of Invertebrate Pathology* (2017), doi: https://doi.org/10.1016/j.jip.2017.11.003

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

Quantitative PCR assessment of *Lotmaria passim* in *Apis mellifera* colonies co-infected naturally with *Nosema ceranae*

Branislav Vejnovic^a#, Jevrosima Stevanovic^b#*, Ryan S. Schwarz^c, Nevenka Aleksic^d,
Milorad Mirilovic^a, Nemanja M. Jovanovic^b, Zoran Stanimirovic^b

^aDepartment of Economics and Statistics, Faculty of Veterinary Medicine, University of Belgrade, Bul. oslobodjenja 18, 11000 Belgrade, Serbia, e-mail: branislavv@vet.bg.ac.rs; mija@vet.bg.ac.rs

^bDepartment of Biology, Faculty of Veterinary Medicine, University of Belgrade, Bul. oslobodjenja 18, 11000 Belgrade, Serbia, e-mail: rocky@vet.bg.ac.rs; nemanjavet1991@gmail.com; zoran@vet.bg.ac.rs

^cDepartment of Biology, Fort Lewis College, Durango, CO 81301, USA, e-mail: rsschwarz@fortlewis.edu

^dDepartment of Parasitology, Faculty of Veterinary Medicine, University of Belgrade, Bul. oslobodjenja 18, 11000 Belgrade, Serbia, e-mail: nenaaleksic@vet.bg.ac.rs

#These two authors contributed equally to this work.

*Corresponding author:

Jevrosima Stevanovic, Department of Biology, Faculty of Veterinary Medicine, University of Belgrade, Bul. oslobodjenja 18, 11000 Belgrade, Serbia

Tel.: +381(0)112658894; Fax: +381(0)112685936; E-mail address: rocky@vet.bg.ac.rs

Download English Version:

https://daneshyari.com/en/article/8887519

Download Persian Version:

https://daneshyari.com/article/8887519

<u>Daneshyari.com</u>