Accepted Manuscript

Cross-species comparison of the gut: Differential gene expression sheds light on biological differences in closely related tenebrionids

Brenda Oppert, Lindsey Perkin, Alexander G. Martynov, Elena N. Elpidina

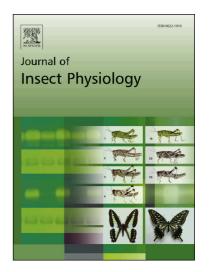
PII: S0022-1910(16)30325-0

DOI: http://dx.doi.org/10.1016/j.jinsphys.2017.03.010

Reference: IP 3629

To appear in: Journal of Insect Physiology

Received Date: 30 September 2016 Revised Date: 24 March 2017 Accepted Date: 24 March 2017



Please cite this article as: Oppert, B., Perkin, L., Martynov, A.G., Elpidina, E.N., Cross-species comparison of the gut: Differential gene expression sheds light on biological differences in closely related tenebrionids, *Journal of Insect Physiology* (2017), doi: http://dx.doi.org/10.1016/j.jinsphys.2017.03.010

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

Submitted to Journal of Insect Physiology – Special Issue - International Congress of Entomology XXV, in the section "Insect molecular physiology and ecology- the postgenomic era"

Cross-species comparison of the gut: Differential gene expression sheds light on biological differences in closely related tenebrionids

Brenda Oppert^{1*}, Lindsey Perkin¹, Alexander G. Martynov², and Elena N. Elpidina³

¹USDA Agricultural Research Service, Center for Grain and Animal Health Research,

Manhattan, KS, 66502 USA

²Center for Data-Intensive Biomedicine and Biotechnology, Skolkovo Institute of Science and Technology, Moscow, 143026 Russia

³ A.N. Belozersky Institute of Physico-Chemical Biology, Moscow State University, Moscow 119991 Russia

*Corresponding author:

USDA ARS CGAHR, 1515 College Ave., Manhattan, KS 66502 USA; telephone: 785-317-

7206; email: brenda.oppert@ars.usda.gov

Download English Version:

https://daneshyari.com/en/article/8649808

Download Persian Version:

https://daneshyari.com/article/8649808

<u>Daneshyari.com</u>