

## 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.

*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<sup>1\*</sup>, Lindsey Perkin<sup>1</sup>, Alexander G. Martynov<sup>2</sup>, and Elena N. Elpidina<sup>3</sup>

<sup>1</sup>USDA Agricultural Research Service, Center for Grain and Animal Health Research,  
Manhattan, KS, 66502 USA

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

<sup>3</sup> 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](mailto:brenda.oppert@ars.usda.gov)

Download English Version:

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

Download Persian Version:

<https://daneshyari.com/article/8649808>

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