## Accepted Manuscript

A transcriptomics assessment of oxygen-temperature interactions reveals novel candidate genes underlying variation in thermal tolerance and survival

Leigh Boardman, Katherine A. Mitchell, John S. Terblanche, Jesper G. Sørensen

PII: S0022-1910(17)30202-0

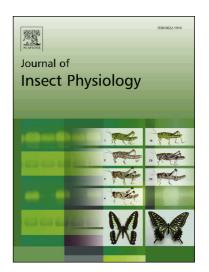
DOI: https://doi.org/10.1016/j.jinsphys.2017.10.005

Reference: IP 3712

To appear in: Journal of Insect Physiology

Received Date: 4 May 2017

Revised Date: 17 September 2017 Accepted Date: 12 October 2017



Please cite this article as: Boardman, L., Mitchell, K.A., Terblanche, J.S., Sørensen, J.G., A transcriptomics assessment of oxygen-temperature interactions reveals novel candidate genes underlying variation in thermal tolerance and survival, *Journal of Insect Physiology* (2017), doi: https://doi.org/10.1016/j.jinsphys.2017.10.005

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

A transcriptomics assessment of oxygen-temperature interactions reveals novel candidate genes underlying variation in thermal tolerance and survival

Leigh Boardman<sup>1†</sup>, Katherine A. Mitchell<sup>1</sup>, John S. Terblanche<sup>1</sup> and Jesper G. Sørensen<sup>2</sup>

†Present address: Department of Entomology and Nematology, University of Florida, Gainesville, U.S.A.

Journal of Insect Physiology Special Issue: Insect Gas Exchange

<sup>&</sup>lt;sup>1</sup> Centre for Invasion Biology, Department of Conservation Ecology and Entomology, Stellenbosch University, South Africa

<sup>&</sup>lt;sup>2</sup> Section for Genetics, Ecology & Evolution, Department of Bioscience, Aarhus University, Ny Munkegade 116, DK-8000 Aarhus C, Denmark

## Download English Version:

## https://daneshyari.com/en/article/8649794

Download Persian Version:

https://daneshyari.com/article/8649794

<u>Daneshyari.com</u>