

Accepted Manuscript

Knockdown of RNA interference pathway genes in western corn rootworm, *Diabrotica virgifera virgifera*, identifies no fitness costs associated with Argonaute 2 or Dicer-2

Carolina Camargo, Ke Wu, Elane Fishilevich, Kenneth E. Narva, Blair D. Siegfried



PII: S0048-3575(17)30599-0
DOI: doi:[10.1016/j.pestbp.2018.04.004](https://doi.org/10.1016/j.pestbp.2018.04.004)
Reference: YPEST 4205
To appear in: *Pesticide Biochemistry and Physiology*
Received date: 5 December 2017
Revised date: 7 April 2018
Accepted date: 7 April 2018

Please cite this article as: Carolina Camargo, Ke Wu, Elane Fishilevich, Kenneth E. Narva, Blair D. Siegfried, Knockdown of RNA interference pathway genes in western corn rootworm, *Diabrotica virgifera virgifera*, identifies no fitness costs associated with Argonaute 2 or Dicer-2. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Ypest*(2017), doi:[10.1016/j.pestbp.2018.04.004](https://doi.org/10.1016/j.pestbp.2018.04.004)

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.

Knockdown of RNA interference pathway genes in western corn rootworm, *Diabrotica virgifera virgifera*, identifies no fitness costs associated with *Argonaute 2* or *Dicer-2*

Carolina Camargo ^{1,2}, Ke Wu ¹, Elane Fishilevich ³, Kenneth E. Narva ³, Blair D. Siegfried ¹

¹ Department of Entomology and Nematology, University of Florida, 1881 Natural Area Drive, Steinmetz Hall, Gainesville, FL 32611, United States of America

² Present address: Max Planck-Universidad de Antioquia Tándem Group Mosquito Reproductive Biology Ruta N, Torre A, Laboratorio 4-166 Calle 67, N° 52-20, Medellín, 050010, Colombia.

³ Dow AgroSciences, 9330 Zionsville Road, Indianapolis, IN 46268, United States of America

Corresponding author: Blair D. Siegfried bsiegfried1@ufl.edu

Download English Version:

<https://daneshyari.com/en/article/8349000>

Download Persian Version:

<https://daneshyari.com/article/8349000>

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