

Accepted Manuscript

The proteome map of the escamolera ant (*Liometopum apiculatum* Mayr) larvae reveals immunogenic proteins and several hexamerin proteoforms

José A. Huerta-Ocampo, María S. García-Muñoz, Aida J. Velarde-Salcedo, Eric E. Hernández-Domínguez, Jorge L. González-Escobar, Alberto Barrera-Pacheco, Alicia Grajales-Lagunes, Ana P. Barba de la Rosa



PII: S1744-117X(18)30052-2

DOI: doi:[10.1016/j.cbd.2018.07.004](https://doi.org/10.1016/j.cbd.2018.07.004)

Reference: CBD 514

To appear in: *Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics*

Received date: 22 January 2018

Revised date: 20 July 2018

Accepted date: 20 July 2018

Please cite this article as: José A. Huerta-Ocampo, María S. García-Muñoz, Aida J. Velarde-Salcedo, Eric E. Hernández-Domínguez, Jorge L. González-Escobar, Alberto Barrera-Pacheco, Alicia Grajales-Lagunes, Ana P. Barba de la Rosa, The proteome map of the escamolera ant (*Liometopum apiculatum* Mayr) larvae reveals immunogenic proteins and several hexamerin proteoforms. *Cbd* (2018), doi:[10.1016/j.cbd.2018.07.004](https://doi.org/10.1016/j.cbd.2018.07.004)

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.

The proteome map of the *escamolera* ant (*Liometopum apiculatum* Mayr) larvae reveals immunogenic proteins and several hexamerin proteoforms

José A. Huerta-Ocampo^{a,b}, María S. García-Muñoz^c, Aida J. Velarde-Salcedo^a, Eric E. Hernández-Domínguez^{a,†}, Jorge L. González-Escobar^a, Alberto Barrera-Pacheco^a, Alicia Grajales-Lagunes^{c,*}, Ana P. Barba de la Rosa^{a,*}

^aIPICYT, Instituto Potosino de Investigación Científica y Tecnológica A.C., Camino a la Presa San José No. 2055, Lomas 4a Sección 78216, San Luis Potosí, S.L.P., México.

^bCONACYT-Centro de Investigación en Alimentación y Desarrollo A.C. Carretera a La Victoria Km 0.6, Edificio C. C.P 83304 Hermosillo, Sonora.

^cFacultad de Ciencias Químicas, Universidad Autónoma de San Luis Potosí, Av. Dr. Nava No.6, Zona Universitaria, C.P. 78200, San Luis Potosí, S.L.P., México.

[†]Current address: CONACYT-Instituto de Ecología A.C. (INECOL) Carretera antigua a Coatepec 351, El Haya, Xalapa c.p. 91070, Veracruz, México.

Running title: *Liometopum apiculatum* proteomics and hexamerin characterization

ms has 37 pages, 1 table, 7 Figures, 1 Supplementary Excel file, 3 Supplementary Info,

*Corresponding authors:

A.P. Barba de la Rosa (E-mail: apbarba@ipicyt.edu.mx); A. Grajales-Lagunes (E-mail: grajales@uaslp.mx).

Download English Version:

<https://daneshyari.com/en/article/9954123>

Download Persian Version:

<https://daneshyari.com/article/9954123>

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