

Accepted Manuscript

An immune-related gene expression atlas of the shrimp digestive system in response to two major pathogens brings insights into the involvement of hemocytes in gut immunity

Amanda S. Silveira, Gabriel M. Matos, Marcelo Falchetti, Fabio S. Ribeiro, Albert Bressan, Evelyne Bachère, Luciane M. Perazzolo, Rafael D. Rosa

PII: S0145-305X(17)30500-1

DOI: [10.1016/j.dci.2017.10.005](https://doi.org/10.1016/j.dci.2017.10.005)

Reference: DCI 3001

To appear in: *Developmental and Comparative Immunology*

Received Date: 23 September 2017

Revised Date: 12 October 2017

Accepted Date: 13 October 2017

Please cite this article as: Silveira, A.S., Matos, G.M., Falchetti, M., Ribeiro, F.S., Bressan, A., Bachère, E., Perazzolo, L.M., Rosa, R.D., An immune-related gene expression atlas of the shrimp digestive system in response to two major pathogens brings insights into the involvement of hemocytes in gut immunity, *Developmental and Comparative Immunology* (2017), doi: 10.1016/j.dci.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.



1 Short Communication

2 **An immune-related gene expression atlas of the shrimp digestive system in response to**
3 **two major pathogens brings insights into the involvement of hemocytes in gut immunity**

4

5 Amanda S. Silveira^a, Gabriel M. Matos^a, Marcelo Falchetti^a, Fabio S. Ribeiro^a, Albert
6 Bressan^a, Evelyne Bachère^b, Luciane M. Perazzolo^a, Rafael D. Rosa^{a,*}

7

8 ^aLaboratory of Immunology Applied to Aquaculture, Department of Cell Biology,
9 Embryology and Genetics, Federal University of Santa Catarina, 88040-900 Florianópolis,
10 SC, Brazil.

11 ^bIfremer, UMR 5244, IHPE Interactions-Hosts-Pathogens-Environment, UPVD, CNRS,
12 Université de Montpellier, CC 080, F-34095 Montpellier, France.

13

14 *Corresponding author: Tel.: +55 48 3721 6163; Fax: +55 48 3721 5528

15 E-mail address: rafael.d.rosa@ufsc.br (RD Rosa)

16

Download English Version:

<https://daneshyari.com/en/article/5540015>

Download Persian Version:

<https://daneshyari.com/article/5540015>

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