

Accepted Manuscript

Transcriptome analysis and discovery of genes involved in immune pathways from coelomocytes of *Onchidium struma* after bacterial challenge

Mingming Zhang, Guo Qiao, Qiang Li, De-Hai Xu, Zhitao Qi, Aiming Wang, Mengyao Xu, Jintian Huang



PII: S1050-4648(17)30701-5

DOI: [10.1016/j.fsi.2017.11.024](https://doi.org/10.1016/j.fsi.2017.11.024)

Reference: YFSIM 4958

To appear in: *Fish and Shellfish Immunology*

Received Date: 14 May 2017

Revised Date: 4 November 2017

Accepted Date: 10 November 2017

Please cite this article as: Zhang M, Qiao G, Li Q, Xu D-H, Qi Z, Wang A, Xu M, Huang J, Transcriptome analysis and discovery of genes involved in immune pathways from coelomocytes of *Onchidium struma* after bacterial challenge, *Fish and Shellfish Immunology* (2017), doi: 10.1016/j.fsi.2017.11.024.

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.

Transcriptome analysis and discovery of genes involved in immune pathways from
coelomocytes of *Onchidium struma* after bacterial challenge

**Mingming Zhang^{a,b}, Guo Qiao^{b,*}, Qiang Li^b, De-Hai Xu^c, Zhitao Qi^b, Aiming
Wang^b, Mengyao Xu^b, Jintian Huang^{b,**}**

^a *Key Laboratory of Aquaculture and Ecology of Coastal Pools of Jiangsu Province,
Department of Ocean Technology, Yancheng Institute of Technology, Yancheng 224051,
Province Jiangsu, China*

^b *School of Chemical and Biological Engineering, Yancheng Institute of Technology,
Yancheng 224051, Province Jiangsu, China*

^c *U.S. Department of Agriculture, Agricultural Research Service, Aquatic Animal
Health Research Unit, 990 Wire Road, Auburn, AL 36832, USA*

*Corresponding author. Guo Qiao, Tel: 86-515-88298190, E-mail address:
qiaoguo44ok@163.com.

**Corresponding author. Jintian Huang, Tel: 86-515-88298190, E-mail address:
hjt@ycit.edu.cn.

Running title: Transcriptome analysis of *Onchidium struma* after bacterial stimulation

Download English Version:

<https://daneshyari.com/en/article/8498913>

Download Persian Version:

<https://daneshyari.com/article/8498913>

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