

# Accepted Manuscript

Identification of a C-type lectin possessing both antibacterial and antiviral activities from red swamp crayfish

Xiao-Wen Zhang, Xin Man, Xin Huang, Yue Wang, Qi-Sheng Song, Kai-Min Hui, Hong-Wei Zhang



PII: S1050-4648(18)30132-3

DOI: [10.1016/j.fsi.2018.03.015](https://doi.org/10.1016/j.fsi.2018.03.015)

Reference: YFSIM 5170

To appear in: *Fish and Shellfish Immunology*

Received Date: 23 January 2018

Revised Date: 5 March 2018

Accepted Date: 10 March 2018

Please cite this article as: Zhang X-W, Man X, Huang X, Wang Y, Song Q-S, Hui K-M, Zhang H-W, Identification of a C-type lectin possessing both antibacterial and antiviral activities from red swamp crayfish, *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.03.015.

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.

## Identification of a C-type lectin possessing both antibacterial and antiviral activities from red swamp crayfish

Xiao-Wen Zhang <sup>a, \*</sup>, Xin Man <sup>a</sup>, Xin Huang<sup>b</sup>, Yue-Wang <sup>a</sup>, Qi-Sheng Song <sup>c</sup>,

Kai-Min Hui <sup>b, d, \*</sup>, Hong-Wei Zhang <sup>a, c, \*</sup>

<sup>a</sup> College of Life Science, Henan Normal University, Xinxiang, Henan 453007, China

<sup>b</sup> Jiangsu Key Laboratory for Biodiversity & Biotechnology and Jiangsu Key Laboratory for Aquatic Crustacean Diseases, College of Life Sciences, Nanjing Normal University, Nanjing 210046, China

<sup>c</sup> Division of Plant Sciences, University of Missouri, Columbia, Missouri 65201, USA

<sup>d</sup> Co-Innovation Center for Marine Bio-Industry Technology of Jiangsu Province, Lianyungang, Jiangsu 222005, China

\*Corresponding author

Dr. Xiao-Wen Zhang  
College of Life Sciences  
Henan Normal University  
Xinxiang, Henan 453007, China  
Email: hzz78@mail.missouri.edu

Dr. Hong-Wei Zhang  
College of Life Sciences  
Henan Normal University  
Xinxiang, Henan 453007, China  
Email: guxing237@gmail.com

Kai-Min Hui  
College of Life Sciences  
Nanjing Normal University  
Nanjing 210046, China  
Email: kaiminhui@hotmail.com

Download English Version:

<https://daneshyari.com/en/article/8498424>

Download Persian Version:

<https://daneshyari.com/article/8498424>

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