

Accepted Manuscript

Characterisation and functional comparison of single-CRD and multidomain containing galectins CgGal-2 and CgGal-3 from oyster *Crassostrea gigas*

Mengmeng Huang, Tao Zhou, Yuehong Wu, Hui Fei, Gaoyang Wang, Zhi Li, Yutong Lei, Qian Liu, Cong Sun, Zhengbing Lv, Xue-Wei Xu



PII: S1050-4648(18)30214-6

DOI: [10.1016/j.fsi.2018.04.029](https://doi.org/10.1016/j.fsi.2018.04.029)

Reference: YFSIM 5245

To appear in: *Fish and Shellfish Immunology*

Received Date: 3 January 2018

Revised Date: 13 April 2018

Accepted Date: 17 April 2018

Please cite this article as: Huang M, Zhou T, Wu Y, Fei H, Wang G, Li Z, Lei Y, Liu Q, Sun C, Lv Z, Xu X-W, Characterisation and functional comparison of single-CRD and multidomain containing galectins CgGal-2 and CgGal-3 from oyster *Crassostrea gigas*, *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.04.029.

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.

**Characterisation and functional comparison of single-CRD and
multidomain containing galectins CgGal-2 and CgGal-3 from oyster
*Crassostrea gigas***

Mengmeng Huang ^{a,b}, Tao Zhou ^a, Yuehong Wu ^b, Hui Fei ^a, Gaoyang Wang ^a, Zhi Li
^a, Yutong Lei ^a, Qian Liu ^b, Cong Sun ^a, Zhengbing Lv ^{a*}, Xue-Wei Xu ^{b*},

^a College of Life Sciences, Zhejiang Sci-Tech University, Hangzhou 310018, China

^b Key Laboratory of Marine Ecosystem and Biogeochemistry, Second Institute of
Oceanography, State Oceanic Administration, Hangzhou 310012, China

Keywords: *Crassostrea gigas*; Innate immunity; Galectin; Nonspecific recognition;
Carbohydrate-recognition domain; Encapsulation

*Correspondence to:

Dr. Xue-Wei Xu

Tel./fax: +86 571 819 63208

Dr. Zhengbing Lv

Tel./fax: +86 571 868 43687.

E-mail: xuxw@sio.org.cn (X, Xu), zhengbinglv@126.com (Z, Lv)

Download English Version:

<https://daneshyari.com/en/article/8498383>

Download Persian Version:

<https://daneshyari.com/article/8498383>

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