

Accepted Manuscript

An MBT domain containing anti-lipopolysaccharide factor (PtALF8) from *Portunus trituberculatus* is involved in immune response to bacterial challenge

Xiaodong Wu, Yanwei Huang, Zuoben Yu, Changkao Mu, Weiwei Song, Ronghua Li, Lei Liu, Yangfang Ye, Ce Shi, Chunlin Wang



PII: S1050-4648(18)30640-5

DOI: [10.1016/j.fsi.2018.10.016](https://doi.org/10.1016/j.fsi.2018.10.016)

Reference: YFSIM 5617

To appear in: *Fish and Shellfish Immunology*

Received Date: 11 May 2018

Revised Date: 1 October 2018

Accepted Date: 5 October 2018

Please cite this article as: Wu X, Huang Y, Yu Z, Mu C, Song W, Li R, Liu L, Ye Y, Shi C, Wang C, An MBT domain containing anti-lipopolysaccharide factor (PtALF8) from *Portunus trituberculatus* is involved in immune response to bacterial challenge, *Fish and Shellfish Immunology* (2018), doi: <https://doi.org/10.1016/j.fsi.2018.10.016>.

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.

An MBT domain containing anti-lipopolysaccharide factor (PtALF8) from *Portunus trituberculatus* is involved in immune response to bacterial challenge

Xiaodong Wu ^{a, b}, Yanwei Huang ^a, Zuoben Yu ^a, Changkao Mu ^{a, 1*}, Weiwei Song ^a,
Ronghua Li ^a, Lei Liu ^a, Yangfang Ye ^a, Ce Shi ^a, Chunlin Wang ^{a, 2*}

^a Key Laboratory of Applied Marine Biotechnology, Ministry of Education, Ningbo University, Ningbo 315211, China.

^b Collaborative Innovation Center for Zhejiang Marine High-efficiency and Healthy Aquaculture, Ningbo University, Ningbo 315211, China

Running title: MBT domain containing ALF from *Portunus trituberculatus*

Highlights:

1. MBT domain containing ALF from *Portunus trituberculatus*
2. The recombinant ALF8 can inhibit the growth of Gram-positive and Gram-negative bacteria
3. PtALF8 might play protective function against bacteria invading

*Correspondence to:

Dr. Changkao Mu

Dr. Chunlin Wang

Ningbo University,

818 Fenghua Rd., Ningbo 315211, P. R. China

Tel: 86-574-87600356, Fax: 86-574-87608374

E-mail: muchangkao@nbu.edu.cn (C. Mu); wangchunlin@nbu.edu.cn (C. Wang)

Download English Version:

<https://daneshyari.com/en/article/11019445>

Download Persian Version:

<https://daneshyari.com/article/11019445>

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