Accepted Manuscript

Effects of dietary inulin and mannan oligosaccharide on immune related genes expression and disease resistance of Pacific white shrimp, *Litopenaeus vannamei*

Yun Li, Hong Liu, Xilin Dai, Jingjing Li, Fujiang Ding

PII: S1050-4648(18)30096-2

DOI: 10.1016/j.fsi.2018.02.034

Reference: YFSIM 5141

To appear in: Fish and Shellfish Immunology

Received Date: 12 September 2017

Revised Date: 12 February 2018

Accepted Date: 16 February 2018

Please cite this article as: Li Y, Liu H, Dai X, Li J, Ding F, Effects of dietary inulin and mannan oligosaccharide on immune related genes expression and disease resistance of Pacific white shrimp, *Litopenaeus vannamei, Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.02.034.

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.



ACCEPTED MANUSCRIPT

Effects of dietary inulin and mannan oligosaccharide on immune related genes expression and disease resistance of Pacific white shrimp, *Litopenaeus vannamei*

Yun Li^{a,b,c}, Hong Liu^{a,b,c}, Xilin Dai^{a,b,c*}, Jingjing Li^a, Fujiang Ding^d

^aKey Laboratory of Exploration and Utilization of Aquatic Genetic Resources (Shanghai Ocean University), Ministry of Education, Shanghai 201306, China.

^bNational Pathogen Collection Center for Aquatic Animals, Shanghai 201306, China.

^cNational Demonstration Center for Experimental Fisheries Science Education (Shanghai Ocean

University), Shanghai 201306, China.

^dShencao Special Aquatic Product Development Company, Shanghai 201506, China.

^{*}Corresponding author: Xilin Dai.

College of Fisheries and Life Sciences, Shanghai Ocean University, Shanghai 201306, China.

E-mail address: shrimpimmune@163.com.

Tel.: +86 21 61900420;

Fax: +86 21 61900419.

Download English Version:

https://daneshyari.com/en/article/8498503

Download Persian Version:

https://daneshyari.com/article/8498503

Daneshyari.com