Accepted Manuscript

Transcriptome analysis of Pacific white shrimp (*Litopenaeus vannamei*) challenged by *Vibrio parahaemolyticus* reveals unique immune-related genes

Zhendong Qin, V. Sarath Babu, Quanyuan Wan, Meng Zhou, Risheng Liang, Asim Muhammad, Lijuan Zhao, Jun Li, Jiangfeng Lan, Li Lin

PII: S1050-4648(18)30147-5

DOI: 10.1016/j.fsi.2018.03.030

Reference: YFSIM 5185

To appear in: Fish and Shellfish Immunology

Received Date: 13 January 2018

Revised Date: 9 March 2018

Accepted Date: 17 March 2018

Please cite this article as: Qin Z, Babu VS, Wan Q, Zhou M, Liang R, Muhammad A, Zhao L, Li J, Lan J, Lin L, Transcriptome analysis of Pacific white shrimp (*Litopenaeus vannamei*) challenged by *Vibrio parahaemolyticus* reveals unique immune-related genes, *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.03.030.

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

1	Transcriptome analysis of Pacific white shrimp (Litopenaeus
2	vannamei) challenged by Vibrio parahaemolyticus reveals unique
3	immune-related genes
4	Zhendong Qin ^{1,2} , V. Sarath Babu ¹ , Quanyuan Wan ¹ , Meng Zhou ¹ , Risheng Liang ¹ ,
5	Asim Muhammad ² , Lijuan Zhao ¹ , Jun Li ^{1,3,4} , Jiangfeng Lan ^{2*} , Li Lin ^{1,2,3*}
6	¹ Guangzhou Key Laboratory of Aquatic Animal Diseases and Waterfowl Breeding,
7	Guangdong Provincial Key Laboratory of Waterfowl Healthy Breeding, College of
8	Animal Sciences and Technology, Zhongkai University of Agriculture and
9	Engineering, Guangzhou, Guangdong, 510225, China.
10	² College of Fisheries, Huazhong Agricultural University Wuhan, Hubei 430070,
11	China
12	³ Laboratory for Marine Fisheries Science and Food Production Processes, Qingdao
13	National Laboratory for Marine Science and Technology, Qingdao 266071, PR China
14	⁴ School of Biological Sciences, Lake Superior State University, Sault Ste. Marie, MI
15	49783, USA.
16	*Correspondence:
17	Dr. Li Lin, E-mail: linli@zhku.edu.cn
18	Dr. Jiangfeng Lan, E-mail: lanjiangfeng@mail.hzau.edu.cn
19	\mathbf{Y}

20

Download English Version:

https://daneshyari.com/en/article/8498441

Download Persian Version:

https://daneshyari.com/article/8498441

Daneshyari.com