Accepted Manuscript

Molecular characterization of kappa class glutathione S-transferase from the disk abalone (*Haliotis discus discus*) and changes in expression following immune and stress challenges

W.M. Gayashani Sandamalika, Thanthrige Thiunuwan Priyathilaka, D.S. Liyanage, Sukkyoung Lee, Han-Kyu Lim, Jehee Lee

PII: \$1050-4648(18)30182-7

DOI: 10.1016/j.fsi.2018.03.058

Reference: YFSIM 5213

To appear in: Fish and Shellfish Immunology

Received Date: 2 December 2017

Revised Date: 21 March 2018 Accepted Date: 29 March 2018

Please cite this article as: Sandamalika WMG, Priyathilaka TT, Liyanage DS, Lee S, Lim H-K, Lee J, Molecular characterization of kappa class glutathione S-transferase from the disk abalone (*Haliotis discus discus*) and changes in expression following immune and stress challenges, *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.03.058.

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	Molecular characterization of kappa class glutathione S-transferase from the disk abalone
2	(Haliotis discus discus) and changes in expression following immune and stress challenges
3	
4 5	W.M.Gayashani Sandamalika ¹ , Thanthrige Thiunuwan Priyathilaka ¹ , D. S. Liyanage ¹ , Sukkyoung Lee ¹ , Han-Kyu Lim ² , and Jehee Lee ^{1,3*}
6	
7 8	¹ Department of Marine Life Sciences & Fish Vaccine Research Center, Jeju National University, Jeju Self-Governing Province 63243, Republic of Korea
9 10	² Department of Marine and Fisheries Resources, College of Natural Sciences, Mokpo National University, Muan, Jeonnam 58554, Republic of Korea
11 12	³ Marine Science Institute, Jeju National University, Jeju Self-Governing Province 63333, Republic of Korea
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	*Corresponding author.
25	Jehee Lee, Marine Molecular Genetics Lab, Department of Marine Life Sciences, Jeju National
26 27	University, Jeju Self-Governing Province 63243, Republic of Korea. E-mail: <u>jehee@jejunu.ac.kr</u>
28	L-man. jenee @jejunu.ac.ki

Download English Version:

https://daneshyari.com/en/article/8498454

Download Persian Version:

https://daneshyari.com/article/8498454

<u>Daneshyari.com</u>