Accepted Manuscript

Immunity enhancement with administration of *Gracilaria corticata* and *Sacharomyces cerevisiae* compared to gamma irradiation in expose to WSSV in shrimp, in juvenile *Litopenaeus vannamei*: A comparative study

Mohammad Afsharnasab, Shapour Kakoolaki, Mehrdad Mohammadidost

PII: S1050-4648(16)30413-2

DOI: 10.1016/j.fsi.2016.06.052

Reference: YFSIM 4052

To appear in: Fish and Shellfish Immunology

Received Date: 23 April 2016 Revised Date: 19 June 2016 Accepted Date: 29 June 2016

Please cite this article as: Afsharnasab M, Kakoolaki S, Mohammadidost M, Immunity enhancement with administration of *Gracilaria corticata* and *Sacharomyces cerevisiae* compared to gamma irradiation in expose to WSSV in shrimp, in juvenile *Litopenaeus vannamei*: A comparative study, *Fish and Shellfish Immunology* (2016), doi: 10.1016/j.fsi.2016.06.052.

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

Immunity enhancement with administration of *Gracilaria corticata* and *Sacharomyces cerevisiae* compared to Gamma irradiation in expose to WSSV in Shrimp, in juvenile *Litopenaeus vannamei*: A comparative study Mohammad Afsharnasab¹; Shapour Kakoolaki^{1*}; Mehrdad Mohammadidost²

¹Department of Aquatic Animal Health & Diseases, Agricultural Research, Education and Extension Org.(AREEO), Iranian Fisheries Science Research Institute, Tehran-Karaj High way, Sarve Azad Ave., Tehran. Iran.

²Department of Health, Aquatic Animal Health and Disease, South Iranian Aquaculture Center, Ahvaz, Iran.

 $[*] Corresponding \ author: bsh443@gmail.com\\$

Download English Version:

https://daneshyari.com/en/article/8499012

Download Persian Version:

https://daneshyari.com/article/8499012

<u>Daneshyari.com</u>