## Accepted Manuscript

Title: Oral vaccination through voluntary consumption of the convict grouper *Epinephelus septemfasciatus* with yeast producing the capsid protein of red-spotted grouper nervous necrosis virus

Authors: Seo Young Cho, Hyoung Jin Kim, Nguyen Thi Lan, Hyun-Ja Han, Deok-Chan Lee, Jee Youn Hwang, Mun-Gyeong Kwon, Bo Kyu Kang, Sang Yoon Han, Hyoungjoon Moon, Hyun Ah Kang, Hong-Jin Kim

PII: S0378-1135(17)30244-4

DOI: http://dx.doi.org/doi:10.1016/j.vetmic.2017.04.022

Reference: VETMIC 7620

To appear in: *VETMIC* 

Received date: 28-2-2017 Revised date: 21-4-2017 Accepted date: 21-4-2017

Please cite this article as: Cho, Seo Young, Kim, Hyoung Jin, Lan, Nguyen Thi, Han, Hyun-Ja, Lee, Deok-Chan, Hwang, Jee Youn, Kwon, Mun-Gyeong, Kang, Bo Kyu, Han, Sang Yoon, Moon, Hyoungjoon, Kang, Hyun Ah, Kim, Hong-Jin, Oral vaccination through voluntary consumption of the convict grouper Epinephelus septemfasciatus with yeast producing the capsid protein of red-spotted grouper nervous necrosis virus. Veterinary Microbiology http://dx.doi.org/10.1016/j.vetmic.2017.04.022

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.



**Veterinary Microbiology** 

Oral vaccination through voluntary consumption of the convict

grouper Epinephelus septemfasciatus with yeast producing the

capsid protein of red-spotted grouper nervous necrosis virus

Seo Young Cho<sup>a</sup>, Hyoung Jin Kim<sup>a</sup>, Nguyen Thi Lan<sup>a</sup>, Hyun-Ja Han<sup>b</sup>, Deok-Chan Lee<sup>b</sup>, Jee

Youn Hwang<sup>b</sup>, Mun-Gyeong Kwon<sup>b</sup>, Bo Kyu Kang<sup>c</sup>, Sang Yoon Han<sup>c</sup>, Hyoungjoon Moon<sup>c</sup>,

Hyun Ah Kang<sup>d</sup>, Hong-Jin Kim<sup>a\*</sup>

<sup>a</sup> Laboratory of Virology, College of Pharmacy, Chung-Ang University, 84 Heukseok-Ro, Dongjak-Gu,

Seoul 06974, South Korea

<sup>b</sup>Fish Pathology Division, National Fisheries Research and Development Institute, Busan 46083, South

Korea

<sup>c</sup>Research Unit, Green Cross Veterinary Products, 438 Jungbu-daero, Giheung-gu, Yongin-si,

Gyeonggi-do 17066, South Korea

<sup>d</sup>Department of Life Science, College of Natural Science, Chung-Ang University, 84 Heukseok-Ro,

Dongjak-Gu, Seoul 06974, South Korea

\* Corresponding author

Laboratory of Virology, College of Pharmacy, Chung-Ang University, 84 Heukseok-Ro, Dongjak-Gu,

Seoul 06974, South Korea

Tel: +82 2 820 5613

Fax: +82 2 816 7338

E-mail address: hongjink@cau.ac.kr

1

## Download English Version:

## https://daneshyari.com/en/article/5545264

Download Persian Version:

https://daneshyari.com/article/5545264

<u>Daneshyari.com</u>