

Accepted Manuscript

Functional diets modulate the acute phase protein response in *Oncorhynchus mykiss* subjected to chronic stress and challenged with *Vibrio anguillarum*

Darlyng Castro-Osses, Crisleri Carrera-Naipil, Cristian Gallardo-Escárate, Ana Teresa Gonçalves



PII: S1050-4648(17)30235-8

DOI: [10.1016/j.fsi.2017.05.001](https://doi.org/10.1016/j.fsi.2017.05.001)

Reference: YFSIM 4554

To appear in: *Fish and Shellfish Immunology*

Received Date: 29 September 2016

Revised Date: 21 April 2017

Accepted Date: 1 May 2017

Please cite this article as: Castro-Osses D, Carrera-Naipil C, Gallardo-Escárate C, Gonçalves AT, Functional diets modulate the acute phase protein response in *Oncorhynchus mykiss* subjected to chronic stress and challenged with *Vibrio anguillarum*, *Fish and Shellfish Immunology* (2017), doi: 10.1016/j.fsi.2017.05.001.

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.

1 Functional diets modulate the acute phase protein response in *Oncorhynchus mykiss* subjected to
2 chronic stress and challenged with *Vibrio anguillarum*

3
4
5 Darlyng Castro-Osses, Crisleri Carrera-Naipil, Cristian Gallardo-Escárate, Ana Teresa
6 Gonçalves*

7
8
9 *Laboratory of Biotechnology and Aquatic Genomics, Interdisciplinary Center for Aquaculture*
10 *Research (INCAR), Department of Oceanography, University of Concepción, Víctor Lamas 1290,*
11 *4030000 Concepción, Chile*

12
13
14
15
16
17
18
19 * Corresponding author.

20 *Telephone & Fax: +56 (41) 220 4402.*

21 *E-mail address: ateresagoncalves@oceanografia.udec.cl (A.T. Gonçalves).*

22
23
24
25
26
27
28
29
30

Download English Version:

<https://daneshyari.com/en/article/5540710>

Download Persian Version:

<https://daneshyari.com/article/5540710>

[Daneshyari.com](https://daneshyari.com)