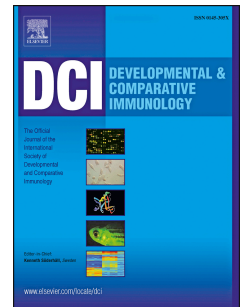


Accepted Manuscript

Contrasting expression of immune genes in scaled and scaleless skin of Atlantic salmon infected with young stages of *Lepeophtheirus salmonis*

H. Jodaa Holm, S. Skugor, A.K. Bjelland, S. Radunovic, S. Wadsworth, E.O. Koppang, Ø. Evensen



PII: S0145-305X(16)30357-3

DOI: [10.1016/j.dci.2016.10.008](https://doi.org/10.1016/j.dci.2016.10.008)

Reference: DCI 2744

To appear in: *Developmental and Comparative Immunology*

Received Date: 28 June 2016

Revised Date: 19 October 2016

Accepted Date: 19 October 2016

Please cite this article as: Holm, H.J., Skugor, S., Bjelland, A.K., Radunovic, S., Wadsworth, S., Koppang, E.O., Evensen, O., Contrasting expression of immune genes in scaled and scaleless skin of Atlantic salmon infected with young stages of *Lepeophtheirus salmonis*, *Developmental and Comparative Immunology* (2016), doi: 10.1016/j.dci.2016.10.008.

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.

**Contrasting expression of immune genes in scaled and scaleless skin of Atlantic salmon
infected with young stages of *Lepeophtheirus salmonis***

¹H. Jodaa Holm, ²S. Skugor, ²A.K. Bjelland, ³S. Radunovic, ²S. Wadsworth, ³E.O Koppang, ¹Ø.
Evensen

¹Faculty of Veterinary Medicine and Biosciences, Department of Basic Sciences and Aquatic
Medicine, Sea Lice Research Centre, Norwegian University of Life Sciences, Oslo, Norway

²Cargill Innovation Center, Dirdal, Norway

³Faculty of Veterinary Medicine and Biosciences, Department of Basic Sciences and Aquatic
Medicine, Norwegian University of Life Sciences, Oslo, Norway

Emails:

Helle.Holm@nmbu.no

Stanko_Skugor@cargill.com

Sandra.Radunovic@nmbu.no

Anne-Kari_Bjelland@cargill.com

Simon_Wadsworth@cargill.com

Erling.O.Koppang@nmbu.no

Oystein.Evensen@nmbu.no

Highlights

- early skin transcriptomic responses to lice-infection include increase in antimicrobial
and anti-parasitic immune factors

Download English Version:

<https://daneshyari.com/en/article/5540217>

Download Persian Version:

<https://daneshyari.com/article/5540217>

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