

Accepted Manuscript

Polymeric immunoglobulin receptor in dojo loach (*Misgurnus anguillicaudatus*):
Molecular characterization and expression analysis in response to bacterial and
parasitic challenge

Yongyao Yu, Yangzhou Liu, Huili Li, Shuai Dong, Qingchao Wang, Zhenyu Huang,
Weiguang Kong, Xiaoting Zhang, Yongshen Xu, Xiaoyao Chen, Zhen Xu

PII: S1050-4648(17)30760-X

DOI: [10.1016/j.fsi.2017.12.019](https://doi.org/10.1016/j.fsi.2017.12.019)

Reference: YFSIM 5004

To appear in: *Fish and Shellfish Immunology*

Received Date: 13 September 2017

Revised Date: 13 November 2017

Accepted Date: 13 December 2017



Please cite this article as: Yu Y, Liu Y, Li H, Dong S, Wang Q, Huang Z, Kong W, Zhang X, Xu Y, Chen X, Xu Z, Polymeric immunoglobulin receptor in dojo loach (*Misgurnus anguillicaudatus*): Molecular characterization and expression analysis in response to bacterial and parasitic challenge, *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2017.12.019.

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.

Highlights

- The full-length cDNA of *Ma*-pIgR was firstly cloned and characterized;
- The *Ma*-pIgR was highly expressed in liver, kidney, skin and gills;
- Significantly morphological changes in skin and gills after *A. hydrophila* infection;
- The expression of *Ma*-pIgR was significantly increased in kidney, spleen, skin and gills after challenge;

Download English Version:

<https://daneshyari.com/en/article/8498793>

Download Persian Version:

<https://daneshyari.com/article/8498793>

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