## Accepted Manuscript

*Yersinia* YopJ Negatively Regulates IRF3-mediated antibacterial response through Disruption of STING-Mediated Cytosolic DNA Signaling

Ye Cao, Kai Guan, Xiang He, Congwen Wei, Zirui Zheng, Yanhong Zhang, Shengli Ma, Hui Zhong, Wei Shi

 PII:
 S0167-4889(16)30258-0

 DOI:
 doi:10.1016/j.bbamcr.2016.10.004

 Reference:
 BBAMCR 17952

To appear in: BBA - Molecular Cell Research

Received date:7 June 2016Revised date:30 September 2016Accepted date:7 October 2016



Please cite this article as: Ye Cao, Kai Guan, Xiang He, Congwen Wei, Zirui Zheng, Yanhong Zhang, Shengli Ma, Hui Zhong, Wei Shi, *Yersinia* YopJ Negatively Regulates IRF3-mediated antibacterial response through Disruption of STING-Mediated Cytosolic DNA Signaling, *BBA - Molecular Cell Research* (2016), doi:10.1016/j.bbamcr.2016.10.004

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

Yersinia YopJ Negatively Regulates IRF3-mediated antibacterial response through Disruption of STING-Mediated Cytosolic DNA Signaling

Ye Cao, <sup>a, b, c</sup> Kai Guan, <sup>c</sup> Xiang He, <sup>c</sup> Congwen Wei, <sup>c</sup> Zirui Zheng, <sup>c</sup> Yanhong Zhang, <sup>c</sup> Shengli Ma, <sup>a, b, c</sup> Hui Zhong, <sup>c\*</sup> and Wei Shi <sup>a, b\*</sup>

<sup>a</sup> Key Laboratory for Molecular Enzymology & Engineering, the Ministry of Education, Jilin University, Changchun 130012, China.

<sup>b</sup> College of Life Science, Jilin University, Changchun 130012, China.

<sup>c</sup> State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Biotechnology, Beijing 100850, P.R. China.

Authors Email addresses: <u>caoye1987122@163.com</u> (Ye Cao); <u>geminigk@aliyun.com</u> (Kai Guan);<u>hexiang\_spring@yahoo.com</u> (Xiang He); <u>weicw@yahoo.com</u> (Congwen Wei); <u>zirui\_zheng@163.com</u> (Zirui Zheng); <u>yanhongzhang333@163.com</u> (Yanhong Zhang); <u>shengli0128@163.com</u> (Shengli Ma).

<sup>\*</sup>Corresponding authors at: Key Laboratory for Molecular Enzymology & Engineering, the Ministry of Education, Jilin University, Changchun 130012, China, Tel.: 0431-85155216 (Wei Shi); State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Biotechnology, Beijing 100850, P.R. China Tel.: 010-66931821 (Hui Zhong).

Email address: <u>shiw@jlu.edu.cn</u> (Wei Shi); <u>towall@yahoo.com</u>(Hui Zhong) .

## Running title: YopJ inhibits IRF3 activity by targeting STING

1

Download English Version:

## https://daneshyari.com/en/article/5508808

Download Persian Version:

https://daneshyari.com/article/5508808

Daneshyari.com