

# Accepted Manuscript

Title: Comparative analysis of phosphoethanolamine transferases involved in polymyxin resistance across ten clinically relevant gram-negative bacteria

Author: Jiayuan Huang, Yan Zhu, Meiling Han, Mengyao Li, Jiangning Song, Tony Velkov, Chen Li, Jian Li

PII: S0924-8579(17)30450-8

DOI: <https://doi.org/10.1016/j.ijantimicag.2017.12.016>

Reference: ANTAGE 5325

To appear in: *International Journal of Antimicrobial Agents*

Received date: 17-4-2017

Accepted date: 16-12-2017

Please cite this article as: Jiayuan Huang, Yan Zhu, Meiling Han, Mengyao Li, Jiangning Song, Tony Velkov, Chen Li, Jian Li, Comparative analysis of phosphoethanolamine transferases involved in polymyxin resistance across ten clinically relevant gram-negative bacteria, *International Journal of Antimicrobial Agents* (2017), <https://doi.org/10.1016/j.ijantimicag.2017.12.016>.

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 **Comparative analysis of phosphoethanolamine transferases involved in**  
2 **polymyxin resistance across ten clinically relevant Gram-negative bacteria**

3

4

5 Jiayuan Huang<sup>a,b</sup>, Yan Zhu<sup>a,b</sup>, Meiling Han<sup>c</sup>, Mengyao Li<sup>a,b</sup>, Jiangning Song<sup>a,d,e</sup>, Tony  
6 Velkov<sup>c</sup>, Chen Li<sup>a,b,d,\*</sup>, Jian Li<sup>a,b,\*</sup>

7

8 <sup>a</sup>Infection and Immunity Program, Monash Biomedicine Discovery Institute, Monash  
9 University, Victoria 3800, Australia;

10 <sup>b</sup>Department of Microbiology, Monash University, Victoria 3800, Australia;

11 <sup>c</sup>Drug Delivery, Disposition and Dynamics, Monash Institute of Pharmaceutical Sciences,  
12 Monash University, Victoria 3052, Australia;

13 <sup>d</sup>Department of Biochemistry and Molecular Biology, Monash University, Victoria 3800,  
14 Australia;

15 <sup>e</sup>Monash Centre for Data Science, Faculty of Information Technology, Monash University,  
16 Victoria 3800, Australia.

17

18 **\*Joint corresponding authors.** Monash Biomedicine Discovery Institute, Monash  
19 University, 19 Innovation Walk, Victoria 3800, Australia. Fax: +61 3 9902 9222. E-mail:  
20 Jian.Li@monash.edu (J.L.) or Chen.Li@monash.edu (C.L.)

Download English Version:

<https://daneshyari.com/en/article/8738576>

Download Persian Version:

<https://daneshyari.com/article/8738576>

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