

# Accepted Manuscript

Title: Predicting mutant selection in competition experiments with ciprofloxacin-exposed *Escherichia coli*

Author: David D. Khan, Pernilla Lagerbäck, Christer Malmberg, Anders N. Kristoffersson, Erik Gullberg, Cao Sha, Otto Cars, Dan I. Andersson, Diarmaid Hughes, Elisabet I. Nielsen, Lena E. Friberg

PII: S0924-8579(17)30392-8  
DOI: <https://doi.org/10.1016/j.ijantimicag.2017.10.019>  
Reference: ANTAGE 5292

To appear in: *International Journal of Antimicrobial Agents*

Received date: 29-1-2017  
Accepted date: 28-10-2017

Please cite this article as: David D. Khan, Pernilla Lagerbäck, Christer Malmberg, Anders N. Kristoffersson, Erik Gullberg, Cao Sha, Otto Cars, Dan I. Andersson, Diarmaid Hughes, Elisabet I. Nielsen, Lena E. Friberg, Predicting mutant selection in competition experiments with ciprofloxacin-exposed *Escherichia coli*, *International Journal of Antimicrobial Agents* (2017), <https://doi.org/10.1016/j.ijantimicag.2017.10.019>.

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.



1 **PREDICTING MUTANT SELECTION IN COMPETITION**  
2 **EXPERIMENTS WITH CIPROFLOXACIN-EXPOSED**  
3 **ESCHERICHIA COLI**

4  
5 **David D. Khan<sup>1</sup>, Pernilla Lagerbäck<sup>2</sup>, Christer Malmberg<sup>2</sup>, Anders N. Kristoffersson<sup>1</sup>, Erik**  
6 **Gullberg<sup>3</sup>, Cao Sha<sup>3</sup>, Otto Cars<sup>2</sup>, Dan I. Andersson<sup>3</sup>, Diarmaid Hughes<sup>3</sup>, Elisabet I. Nielsen<sup>1</sup>, Lena E.**  
7 **Friberg<sup>\*1</sup>**

8 <sup>1</sup>Dept of Pharmaceutical Biosciences, Uppsala University, Uppsala, Sweden

9 <sup>2</sup>Dept of Medical Sciences, Uppsala University, Uppsala, Sweden

10 <sup>3</sup>Dept of Medical Biochemistry and Microbiology, Uppsala University, Uppsala, Sweden

11 <sup>\*</sup>Corresponding author: Lena E. Friberg, E-mail: lena.friberg@farmbio.uu.se

12

13

14

15

16

17

18

19

20

21

Download English Version:

<https://daneshyari.com/en/article/8738620>

Download Persian Version:

<https://daneshyari.com/article/8738620>

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