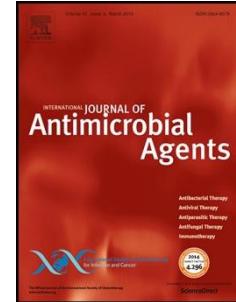


Accepted Manuscript

Title: Genomic analysis of *in vivo* acquired resistance to colistin and rifampin in *Acinetobacter baumannii*

Author: Nadia Jaidane, Thierry Naas, Wejdene Mansour, Bechir Ben Radhia, Sofiene Jerbi, Noureddine Boujaafar, Olfa Bouallegue, Rémy A. Bonnin



PII: S0924-8579(17)30389-8

DOI: <https://doi.org/10.1016/j.ijantimicag.2017.10.016>

Reference: ANTAGE 5289

To appear in: *International Journal of Antimicrobial Agents*

Received date: 22-3-2017

Accepted date: 28-10-2017

Please cite this article as: Nadia Jaidane, Thierry Naas, Wejdene Mansour, Bechir Ben Radhia, Sofiene Jerbi, Noureddine Boujaafar, Olfa Bouallegue, Rémy A. Bonnin, Genomic analysis of *in vivo* acquired resistance to colistin and rifampin in *Acinetobacter baumannii*, *International Journal of Antimicrobial Agents* (2017), <https://doi.org/10.1016/j.ijantimicag.2017.10.016>.

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 Revised IJAA D-17-00294

2 **Genomic analysis of *in vivo* acquired resistance to colistin and rifampin**
3 **in *Acinetobacter baumannii***

4

5 Nadia Jaidane^{1,2,5}, Thierry Naas^{1,3,4}, Wejdene Mansour², Bechir Ben Radhia⁷,
6 Sofiene Jerbi^{2,6}, Noureddine Boujaafar^{2,5}, Olfa Bouallegue^{2,6} & Rémy A. Bonnin^{*1,3,4}

7

8 ¹ EA7361, Université Paris-Sud, Université Paris-Saclay, LabEx Lermit, Bacteriology-
9 Hygiene unit, APHP, Hôpital Bicêtre, Le Kremlin-Bicêtre, France

10 ² UR 12 SP 37, Emerging Bacterial Resistance and Safety of Care, Department of
11 Clinical Microbiology, University Hospital of Sahloul, Sousse, Tunisia.

12 ³ EERA “Evolution and Ecology of Resistance to Antibiotics” Unit, Institut Pasteur-
13 APHP-Université Paris Sud, Paris, France

14 ⁴ Associated French National Reference Center for Antibiotic Resistance
15 “Carbapenemase-producing Enterobacteriaceae”

16 ⁵ Faculté de Pharmacie de Monastir, Université de Monastir, Monastir, Tunisia;

17 ⁶ Faculté de Médecine de Sousse, Université de Sousse, Sousse, Tunisia

18 ⁷ Cardiovascular surgery unit at University Hospital of Sahloul, Sousse, Tunisia

19

20 Keywords: β -lactamase, carbapenemase, *colistin*, *rifampin*, *rpoB*, *pmrB* clinical,
21 treatment

22 Word count: 1121 (max 2500)

23 Abstract: 258 (max 250)

24 Table: 1

25 Figure : 1

Download English Version:

<https://daneshyari.com/en/article/8738681>

Download Persian Version:

<https://daneshyari.com/article/8738681>

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