Accepted Manuscript

A report on extensive lateral genetic reciprocation between arsenic resistant *Bacillus subtilis* and *Bacillus pumilus* strains analyzed using RAPD-PCR

Sapna Khowal, Md. Zulquarnain Siddiqui, Shadab Ali, Mohd. Taha Khan, Mather Ali Khan, Samar Husain Naqvi, Saima Wajid

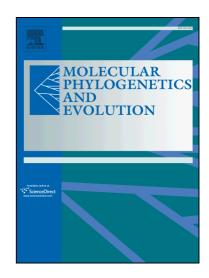
PII: S1055-7903(16)30414-6

DOI: http://dx.doi.org/10.1016/j.ympev.2016.12.010

Reference: YMPEV 5689

To appear in: Molecular Phylogenetics and Evolution

Received Date: 24 June 2016 Revised Date: 26 October 2016 Accepted Date: 8 December 2016



Please cite this article as: Khowal, S., Zulquarnain Siddiqui, Md., Ali, S., Taha Khan, Mohd., Ali Khan, M., Husain Naqvi, S., Wajid, S., A report on extensive lateral genetic reciprocation between arsenic resistant *Bacillus subtilis* and *Bacillus pumilus* strains analyzed using RAPD-PCR, *Molecular Phylogenetics and Evolution* (2016), doi: http://dx.doi.org/10.1016/j.ympev.2016.12.010

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

TITLE:

A report on extensive lateral genetic reciprocation between arsenic resistant *Bacillus subtilis* and *Bacillus pumilus* strains analyzed using RAPD-PCR

RUNNING HEAD:

HGT between arsenic resistant bacteria

AUTHORS LIST:

Sapna Khowal^a, Md. Zulquarnain Siddiqui^{a#}, Shadab Ali^{a#}, Mohd. Taha Khan^{a#}, Mather Ali Khan^b, Samar Husain Naqvi^c, Saima Wajid*, ^a

- Department of Biotechnology, Faculty of Science, Hamdard University (Jamia Hamdard), New
 Delhi 110 062, INDIA.
- 247, Bond Life Sciences Centre, 1201 Rollins Street, University of Missouri-Columbia,
 Columbia, MO 65211, USA.
- c. Genetix Biotech Asia (P) Ltd., New Delhi 110 015, INDIA.

#NOTE: Md. Zulquarnain Siddiqui^{a#}, Shadab Ali^{a#}, and Mohd. Taha Khan^{a#} have contributed equally to the manuscript.

*Corresponding author

Assistant Professor, Department of Biotechnology, Faculty of Science, Hamdard University (Jamia Hamdard), New Delhi – 110 062 INDIA. Emails: swajid_saima@hotmail.com, Phone No. +91-9899823898, Fax number: 91-11-25419631.

Download English Version:

https://daneshyari.com/en/article/5592506

Download Persian Version:

https://daneshyari.com/article/5592506

<u>Daneshyari.com</u>