### Accepted Manuscript

Electron transport chains in organohalide-respiring bacteria and bioremediation implications

Shanquan Wang, Lan Qiu, Xiaowei Liu, Guofang Xu, Michael Siegert, Qihong Lu, Philippe Juneau, Ling Yu, Dawei Liang, Zhili He, Rongliang Qiu

PII: S0734-9750(18)30069-7

DOI: doi:10.1016/j.biotechadv.2018.03.018

Reference: JBA 7244

To appear in: Biotechnology Advances

Received date: 14 November 2017 Revised date: 22 March 2018 Accepted date: 23 March 2018

Please cite this article as: Shanquan Wang, Lan Qiu, Xiaowei Liu, Guofang Xu, Michael Siegert, Qihong Lu, Philippe Juneau, Ling Yu, Dawei Liang, Zhili He, Rongliang Qiu, Electron transport chains in organohalide-respiring bacteria and bioremediation implications. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jba(2018), doi:10.1016/j.biotechadv.2018.03.018

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**

# **Electron Transport Chains in Organohalide-Respiring Bacteria and Bioremediation Implications**

Shanquan Wang<sup>1,2,3#</sup>, Lan Qiu<sup>1,2</sup>, Xiaowei Liu<sup>4</sup>, Guofang Xu<sup>1,2</sup>, Michael Siegert<sup>1,2</sup>, Qihong Lu<sup>1,2</sup>, Philippe Juneau<sup>5</sup>, Ling Yu<sup>1,2#</sup>, Dawei Liang<sup>6#</sup>, Zhili He<sup>1,2</sup>, Rongliang Qiu<sup>1,3</sup>

\*Corresponding authors: Shanquan Wang (wangshanquan@mail.sysu.edu.cn); Ling Yu (yuling3@mail.sysu.edu.cn); Dawei Liang (liangdw@buaa.edu.cn)

<sup>&</sup>lt;sup>1</sup>School of Environmental Science and Engineering, Sun Yat-Sen University, Guangzhou, China 510275

<sup>&</sup>lt;sup>2</sup>Environmental Microbiome Research Center, Sun Yat-Sen University, Guangzhou, China 510275

<sup>&</sup>lt;sup>3</sup>Guangdong Provincial Key Laboratory of Environmental Pollution Control and Remediation Technology, Guangzhou, China 510275

<sup>&</sup>lt;sup>4</sup>College of Biotechnology, Tianjin University of Science & Technology, Tianjin, China 300457

<sup>&</sup>lt;sup>5</sup>Department of Biological Sciences, University of Quebec in Montreal, Montreal, Canada

<sup>&</sup>lt;sup>6</sup>Beijing Key Laboratory of Bio-inspired Energy Materials and Devices, School of Chemistry and Environment, Beihang University, Beijing, China 100191

#### Download English Version:

## https://daneshyari.com/en/article/6486601

Download Persian Version:

https://daneshyari.com/article/6486601

<u>Daneshyari.com</u>