

## Accepted Manuscript

Comparative analyses of microbial structures and gene copy numbers in the anaerobic digestion of various types of sewage sludge

Taira Hidaka, Ikuo Tsushima, Jun Tsumori

PII: S0960-8524(17)32242-3  
DOI: <https://doi.org/10.1016/j.biortech.2017.12.097>  
Reference: BITE 19352

To appear in: *Bioresource Technology*

Received Date: 2 November 2017  
Revised Date: 25 December 2017  
Accepted Date: 27 December 2017

Please cite this article as: Hidaka, T., Tsushima, I., Tsumori, J., Comparative analyses of microbial structures and gene copy numbers in the anaerobic digestion of various types of sewage sludge, *Bioresource Technology* (2017), doi: <https://doi.org/10.1016/j.biortech.2017.12.097>

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.



**Comparative analyses of microbial structures and gene copy numbers in the anaerobic digestion of various types of sewage sludge**

Taira Hidaka <sup>\*a1</sup>, Ikuo Tsushima <sup>b</sup>, Jun Tsumori <sup>a2</sup>

<sup>a</sup> Materials and Resources Research Group, Public Works Research Institute, 1-6, Minamihara, Tsukuba, Ibaraki 305-8516, JAPAN

<sup>b</sup> Water Environment Research Group, Public Works Research Institute, 1-6, Minamihara, Tsukuba, Ibaraki 305-8516, JAPAN

\*Corresponding author

Tel: +81-29-879-6765; Fax: +81-29-879-6797

E-mail: recycle@pwri.go.jp (T. Hidaka)

1 Present address: Department of Environmental Engineering, Kyoto University, C1, Kyoto-Daigaku-Katsura, Nishikyo-ku, Kyoto, 6158540, JAPAN

2 Present address: Ministry of Land, Infrastructure, Transport and Tourism, JAPAN

Download English Version:

<https://daneshyari.com/en/article/7068273>

Download Persian Version:

<https://daneshyari.com/article/7068273>

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