Accepted Manuscript

Directed evolution of *Thermomyces lanuginosus* lipase to enhance methanol tolerance for efficient production of biodiesel from waste grease

Kaiyuan Tian, Kee Tai, Bryan Jian Wei Chua, Zhi Li

PII:	S0960-8524(17)30763-0
DOI:	http://dx.doi.org/10.1016/j.biortech.2017.05.108
Reference:	BITE 18134
To appear in:	Bioresource Technology
Received Date:	10 March 2017
Revised Date:	16 May 2017
Accepted Date:	17 May 2017



Please cite this article as: Tian, K., Tai, K., Chua, B.J.W., Li, Z., Directed evolution of *Thermomyces lanuginosus* lipase to enhance methanol tolerance for efficient production of biodiesel from waste grease, *Bioresource Technology* (2017), doi: http://dx.doi.org/10.1016/j.biortech.2017.05.108

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

Directed evolution of *Thermomyces lanuginosus* lipase to enhance methanol tolerance for efficient production of biodiesel from waste grease

Kaiyuan <u>TIAN</u>, Kee <u>TAI</u>, Bryan Jian Wei <u>CHUA</u>, and Zhi <u>LI</u>*

Department of Chemical and Biomolecular Engineering, National University of Singapore, 4 Engineering Drive 4, Singapore 117585, Singapore

*Corresponding author. E-mail: chelz@nus.edu.sg. Tel: +65 6516 8416. Fax: +65 6779 1936.

Download English Version:

https://daneshyari.com/en/article/7069423

Download Persian Version:

https://daneshyari.com/article/7069423

Daneshyari.com