

Accepted Manuscript

Enhancement of the lipid productivity and fatty acid methyl ester profile of *Chlorella vulgaris* by two rounds of mutagenesis

Ehsan Sarayloo, Salim Simsek, Yigit Sabri Unlu, Gul Cevahir, Can Erkey, Ibrahim Halil Kavakli

PII: S0960-8524(17)32109-0

DOI: <https://doi.org/10.1016/j.biortech.2017.11.105>

Reference: BITE 19255

To appear in: *Bioresource Technology*

Received Date: 29 September 2017

Revised Date: 29 November 2017

Accepted Date: 30 November 2017

Please cite this article as: Sarayloo, E., Simsek, S., Unlu, Y.S., Cevahir, G., Erkey, C., Kavakli, I.H., Enhancement of the lipid productivity and fatty acid methyl ester profile of *Chlorella vulgaris* by two rounds of mutagenesis, *Bioresource Technology* (2017), doi: <https://doi.org/10.1016/j.biortech.2017.11.105>

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.



Enhancement of the lipid productivity and fatty acid methyl ester profile of *Chlorella vulgaris* by two rounds of mutagenesis

Ehsan Sarayloo^{a,c}, Salim Simsek^a, Yigit Sabri Unlu^d, Gul Cevahir^d, Can Erkey^{a,c}, Ibrahim Halil Kavakli^{*a,b,c}

^aDepartment of Chemical and Biological Engineering, Koc University, Rumelifeneri Yolu, Sariyer, Istanbul, Turkey

^bDepartment of Molecular Biology and Genetics, Koc University, Rumelifeneri Yolu, Sariyer, Istanbul, Turkey

^cTUPRAS Energy Research Center, Koc University, Rumelifeneri Yolu, Sariyer, Istanbul, Turkey

^dDepartment of Biology, Istanbul University, 34134 Suleymaniye, Istanbul, Turkey

*Corresponding author:

Ibrahim Halil Kavakli
Department of Chemical and Biological Engineering
College of Engineering
Koc University
Rumelifeneri Yolu
Sariyer, Istanbul
Turkey
E-mail: hkavakli@ku.edu.tr
Phone: +90 212 338 1708
Fax: +90 212 338 1548

Download English Version:

<https://daneshyari.com/en/article/7069163>

Download Persian Version:

<https://daneshyari.com/article/7069163>

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