Accepted Manuscript

Title: Glucose regulation in the methylotrophic yeast Hansenula (Ogataea) polymorpha is mediated by a putative transceptor Gcr1

Authors: Olena G. Stasyk, Iryna O. Denega, Dzmitry Padhorny, Kostyantyn V. Dmytruk, Dima Kozakov, Charles Abbas, Oleh V. Stasyk

PII: \$1357-2725(18)30172-9

DOI: https://doi.org/10.1016/j.biocel.2018.08.002

Reference: BC 5395

To appear in: The International Journal of Biochemistry & Cell Biology

Received date: 18-3-2018 Revised date: 31-7-2018 Accepted date: 2-8-2018

Please cite this article as: Stasyk OG, Denega IO, Padhorny D, Dmytruk KV, Kozakov D, Abbas C, Stasyk OV, Glucose regulation in the methylotrophic yeast *Hansenula* (*Ogataea*) *polymorpha* is mediated by a putative transceptor Gcr1, *International Journal* of *Biochemistry and Cell Biology* (2018), https://doi.org/10.1016/j.biocel.2018.08.002

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

Glucose regulation in the methylotrophic yeast *Hansenula (Ogataea)*polymorpha is mediated by a putative transceptor Gcr1

Olena G. Stasyk^{1,2}, Iryna O. Denega², Dzmitry Padhorny³, Kostyantyn V. Dmytruk⁴, Dima Kozakov⁵, Charles Abbas⁶, Oleh V. Stasyk^{1*}

¹Department of Cell Signaling, Institute of Cell Biology, National Academy of Sciences of Ukraine; Lviv, Ukraine

²Department of Biochemistry, Ivan Franko National University of Lviv; Lviv, Ukraine

³Department of Biomedical Engineering, Boston University; Boston, MA, USA

⁴Department of Molecular Genetics and Biotechnology, Institute of Cell Biology, National Academy of Sciences of Ukraine; Lviv, Ukraine

⁵Department of Applied Mathematics and Statistics, Stony Brook University; Stony Brook, New York, USA

⁶ University of Illinois, Urbana-Champaign, IL, USA RUNNING TITLE: Non-conventional yeast glucose receptor

Keywords: methylotrophic yeasts; glucose sensing; transceptor

*Corresponding author

Oleh V. Stasyk

14/16, Drahomanov Str., Lviv 79005, Ukraine; tel. +38 032 261 21 46

E-mail address: stasyk@cellbiol.lviv.ua

Abstract

Download English Version:

https://daneshyari.com/en/article/8321877

Download Persian Version:

https://daneshyari.com/article/8321877

<u>Daneshyari.com</u>