

Accepted Manuscript

Title: A *Neurospora crassa* β -glucosidase with potential for lignocellulose hydrolysis shows strong glucose tolerance and stimulation by glucose and xylose

Author: Luana Parras Meleiro José Carlos Santos Salgado
Raquel Fonseca Maldonado Juliana Sanchez Alponi Ana
Lucia Ribeiro Latorre Zimbardi João Atílio Jorge Richard
John Ward Rosa Prazeres Melo Furriel



PII: S1381-1177(15)30064-3
DOI: <http://dx.doi.org/doi:10.1016/j.molcatb.2015.09.003>
Reference: MOLCAB 3235

To appear in: *Journal of Molecular Catalysis B: Enzymatic*

Received date: 27-5-2015
Revised date: 2-9-2015
Accepted date: 3-9-2015

Please cite this article as: Luana Parras Meleiro, José Carlos Santos Salgado, Raquel Fonseca Maldonado, Juliana Sanchez Alponi, Ana Lucia Ribeiro Latorre Zimbardi, João Atílio Jorge, Richard John Ward, Rosa Prazeres Melo Furriel, A *Neurospora crassa* β -glucosidase with potential for lignocellulose hydrolysis shows strong glucose tolerance and stimulation by glucose and xylose, *Journal of Molecular Catalysis B: Enzymatic* <http://dx.doi.org/10.1016/j.molcatb.2015.09.003>

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.

A *Neurospora crassa* β -glucosidase with potential for lignocellulose hydrolysis shows strong glucose tolerance and stimulation by glucose and xylose

Luana Parras Meleiro^a luanapm@usp.br, José Carlos Santos Salgado^b salgado@usp.br, Raquel Fonseca Maldonado^c quelgfonseca@usp.br, Juliana Sanchez Alonti^a tatasju@hotmail.com, Ana Lucia Ribeiro Latorre Zimbardi^a luccilatorre@usp.br, João Atílio Jorge^d joajorge@usp.br, Richard John Ward^a .rjward@ffclrp.usp.br, Rosa Prazeres Melo Furriel^{a*} rosapmfi@ffclrp.usp.br

^aDepartamento de Química, Faculdade de Filosofia, Ciências e Letras de Ribeirão Preto, Universidade de São Paulo, 14040-901, Ribeirão Preto-SP, Brasil

^bDepartamento de Bioquímica e Imunologia, Faculdade de Medicina de Ribeirão Preto, Universidade de São Paulo, 14049-900, Ribeirão Preto-SP, Brasil

^cDepartamento de Física, Faculdade de Filosofia, Ciências e Letras de Ribeirão Preto, Universidade de São Paulo, 14040-901, Ribeirão Preto-SP, Brasil

^dDepartamento de Biologia, Faculdade de Filosofia, Ciências e Letras de Ribeirão Preto, Universidade de São Paulo, 14040-901, Ribeirão Preto-SP, Brasil

*Corresponding author.

Download English Version:

<https://daneshyari.com/en/article/6530996>

Download Persian Version:

<https://daneshyari.com/article/6530996>

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