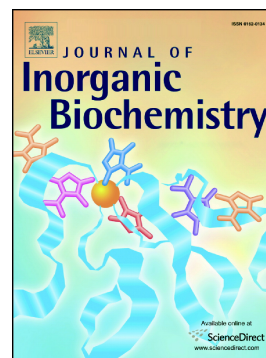


Accepted Manuscript

Replacement of oxidizable residues predicted by QM-MM simulation of a fungal laccase generates variants with higher operational stability

Mayra Avelar, Nina Pastor, Joaquín Ramírez, Marcela Ayala



PII: S0162-0134(17)30468-3
DOI: doi:[10.1016/j.jinorgbio.2017.10.007](https://doi.org/10.1016/j.jinorgbio.2017.10.007)
Reference: JIB 10352

To appear in: *Journal of Inorganic Biochemistry*

Received date: 19 July 2017
Revised date: 9 October 2017
Accepted date: 10 October 2017

Please cite this article as: Mayra Avelar, Nina Pastor, Joaquín Ramírez, Marcela Ayala , Replacement of oxidizable residues predicted by QM-MM simulation of a fungal laccase generates variants with higher operational stability. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jib(2017), doi:[10.1016/j.jinorgbio.2017.10.007](https://doi.org/10.1016/j.jinorgbio.2017.10.007)

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.

Replacement of oxidizable residues predicted by QM-MM simulation of a fungal laccase generates variants with higher operational stability

Mayra Avelar^a, Nina Pastor^b, Joaquín Ramírez^a, Marcela Ayala^{a*}

- a. Departamento de Ingeniería Celular y Biocatálisis, Instituto de Biotecnología UNAM. Av. Universidad 2001 Chamilpa 62210 Cuernavaca, Morelos. Mexico
- b. Centro de Investigación en Dinámica Celular, IICBA, UAEM. Av. Universidad 1001 Chamilpa 62209 Cuernavaca, Morelos. Mexico

*Corresponding author: Marcela Ayala, maa@ibt.unam.mx, Tel. (52)-777-3291619

Download English Version:

<https://daneshyari.com/en/article/7754278>

Download Persian Version:

<https://daneshyari.com/article/7754278>

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