Accepted Manuscript

Title: Analysis of interactions of clinical mutants of catalase-peroxidase (KatG) responsible for isoniazid resistance in *Mycobacterium tuberculosis* with derivatives of isoniazid

Authors: Ameeruddin Nusrath Unissa, George Priya Doss C., Thirumal Kumar, Swathi Sukumar, Appisetty Ramya Lakshmi, Luke Elizabeth Hanna

PII: S2213-7165(17)30136-4

DOI: http://dx.doi.org/doi:10.1016/j.jgar.2017.06.014

Reference: JGAR 460

To appear in:

Received date: 25-11-2016 Revised date: 18-6-2017 Accepted date: 29-6-2017

Please cite this article as: {http://dx.doi.org/

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

Analysis of interactions of clinical mutants of catalase-peroxidase (KatG) responsible for isoniazid resistance in *Mycobacterium tuberculosis* with derivatives of isoniazid

Ameeruddin Nusrath Unissa, a George Priya Doss C, b Thirumal Kumar, Swathi Sukumar, d Appisetty Ramya Lakshmi, b Luke Elizabeth Hanna f

^{a,d,e} Centre for Biomedical Informatics, National Institute for Research in Tuberculosis, India

^b Professor, Medical Biotechnology Division, School of Biosciences and Technology, VIT University, Vellore 632014, Tamil Nadu, India

^c Medical Biotechnology Division, School of Biosciences and Technology, VIT University, Vellore 632014, Tamil Nadu, India

^e Scientist D, Centre for Biomedical Informatics, National Institute for Research in Tuberculosis, India

Corresponding author and mailing address:

Dr. A. Nusrath Unissa,

Post Doctoral Fellow,

Centre for Biomedical Informatics,

National Institute for Research in Tuberculosis (NIRT)

Indian Council of Medical Research (ICMR)

No. 1, Mayor Sathyamoorthy Road

Chetput, Chennai 600 031, Tamil Nadu, India.

Phone: 91-044 -2836 9597

Fax: +91-(044)-2836 2528

E-mail: nusrathunissa@gmail.com

Download English Version:

https://daneshyari.com/en/article/8746341

Download Persian Version:

https://daneshyari.com/article/8746341

<u>Daneshyari.com</u>