## Accepted Manuscript

Title: Heterologous expression of an engineered protein domain acts as chaperone and enhances thermotolerance of *Escherichia coli* 

Authors: Rajender Jena, Dushyant K. Garg, Lipsa Choudhury, Akanksha Saini, Bishwajit Kundu

PII: S0141-8130(17)33200-2

DOI: https://doi.org/10.1016/j.ijbiomac.2017.10.081

Reference: BIOMAC 8376

To appear in: International Journal of Biological Macromolecules

Received date: 23-8-2017 Revised date: 11-10-2017 Accepted date: 13-10-2017

Please cite this article as: Rajender Jena, Dushyant K.Garg, Lipsa Choudhury, Akanksha Saini, Bishwajit Kundu, Heterologous expression of an engineered protein domain acts as chaperone and enhances thermotolerance of Escherichia coli, International Journal of Biological Macromolecules https://doi.org/10.1016/j.ijbiomac.2017.10.081

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

## Heterologous expression of an engineered protein domain acts as chaperone

### and enhances thermotolerance of Escherichia coli

Rajender Jena<sup>a</sup>, Dushyant K Garg<sup>a,b</sup>, Lipsa Choudhury<sup>c</sup>, Akanksha Saini<sup>a</sup>, Bishwajit Kundu<sup>a</sup>\*

<sup>a</sup> Kusuma School of Biological Sciences, Indian Institute of Technology Delhi, New Delhi

110016, India

<sup>b</sup> School of Biotechnology, Jawaharlal Nehru University, New Delhi110067

<sup>c</sup> University School of Biotechnology, Guru Gobind Singh Indraprastha University Dwarka,

India.

#### \*Corresponding author

Dr. Bishwajit Kundu

Associate Professor

Room No.204, Kusuma School of Biological Sciences

Indian Institute of Technology Delhi (IIT Delhi)

Hauz Khas, New Delhi –110016 INDIA

Phone: 011 2659 1037

Email: bkundu@bioschool.iitd.ac.in

#### Download English Version:

# https://daneshyari.com/en/article/8328935

Download Persian Version:

https://daneshyari.com/article/8328935

<u>Daneshyari.com</u>