## Accepted Manuscript

Phylogenetic Analysis Predicts Structural Divergence for Proteobacterial ClpC Proteins


Received Date: $\quad 26$ July 2017
Revised Date: 6 November 2017
Accepted Date: 8 November 2017

Please cite this article as: Miller, J.M., Chaudhary, H., Marsee, J.D., Phylogenetic Analysis Predicts Structural Divergence for Proteobacterial ClpC Proteins, Journal of Structural Biology (2017), doi: https://doi.org/10.1016/ j.jsb.2017.11.003

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.

# Phylogenetic Analysis Predicts Structural Divergence for Proteobacterial ClpC Proteins 

Justin M. Miller*, Hamza Chaudhary, and Justin D. Marsee

Middle Tennessee State University, Department of Chemistry, 1301 East Main Street, Murfreesboro, Tennessee, 37132.

AUTHOR EMAIL ADDRESS: Justin. Miller@mtsu.edu

Abbreviations: N-terminal Domain (NTD), Domain 1 (D1), Domain 2 (D2), N-terminal Extension (NTE), Nucleoside triphosphate (NTP), Adenosine triphosphate (ATP), AAA+ (ATPases Associated with various cellular Activities), Middle Domain (MD), Presensor-1 $\beta$ hairpin (PS1 $\beta$ )

# https://daneshyari.com/en/article/8648264 

Download Persian Version:

## https://daneshyari.com/article/8648264

## Daneshyari.com

