Accepted Manuscript

Title: Mechanistic Insights into How CMG Helicase Facilitates Replication Past DNA Roadblocks

Authors: Michael A. Trakselis, Michael M. Seidman, Robert M. Brosh Jr.

PII: S1568-7864(17)30169-6
DOI: http://dx.doi.org/doi:10.1016/j.dnarep.2017.05.005
Reference: DNAREP 2369

To appear in: *DNA Repair*

Received date: 12-5-2017
Accepted date: 13-5-2017

Please cite this article as: Michael A.Trakselis, Michael M.Seidman, Robert M.Brosh, Mechanistic Insights into How CMG Helicase Facilitates Replication Past DNA Roadblocks, DNA Repairhttp://dx.doi.org/10.1016/j.dnarep.2017.05.005

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

Mechanistic Insights into How CMG Helicase Facilitates Replication Past DNA Roadblocks

Michael A. Trakselis[a*], Michael M. Seidman[b*], and Robert M. Brosh, Jr.[b*]

[a]Department of Chemistry and Biochemistry, Baylor University, One Bear Place #97348, Waco, TX 76798-7348

[b]Laboratory of Molecular Gerontology, National Institute on Aging, NIH, 251 Bayview Blvd, Baltimore, MD 21224

*Corresponding authors:

Michael A. Trakselis; phone: 254-710-2581; email: Michael_Trakselis@baylor.edu

Michael M. Seidman; phone: 410-558-8565; email: seidmanm@mail.nih.gov

Robert M. Brosh, Jr.; phone: 410-558-8578; email: broshr@mail.nih.gov

Keywords: CMG; MCM; helicase; DNA replication; DNA damage; interstrand cross-link

Download English Version:

https://daneshyari.com/en/article/5511062

Download Persian Version:

https://daneshyari.com/article/5511062

Daneshyari.com