Accepted Manuscript

Mammalian Ataxin-2 Modulates Translation Control at The Pre-Inititation Complex Via Pi3k/Mtor And Is Induced By Starvation

Isabel Lastres-Becker, David Nonis, Florian Eich, Michael Klinkenberg, Myriam Gorospe, Peter Kötter, Fabrice A.C. Klein, Nancy Kedersha, Georg Auburger

PII: S0925-4439(16)30134-X

DOI: doi: 10.1016/j.bbadis.2016.05.017

Reference: BBADIS 64478

To appear in: BBA - Molecular Basis of Disease

Received date: 17 November 2015 Revised date: 11 April 2016 Accepted date: 26 May 2016



Please cite this article as: Isabel Lastres-Becker, David Nonis, Florian Eich, Michael Klinkenberg, Myriam Gorospe, Peter Kötter, Fabrice A.C. Klein, Nancy Kedersha, Georg Auburger, Mammalian Ataxin-2 Modulates Translation Control at The Pre-Inititation Complex Via Pi3k/Mtor And Is Induced By Starvation, *BBA - Molecular Basis of Disease* (2016), doi: 10.1016/j.bbadis.2016.05.017

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

MAMMALIAN ATAXIN-2 MODULATES TRANSLATION CONTROL AT THE PRE-INITITATION COMPLEX VIA PI3K/MTOR AND IS INDUCED BY STARVATION

Isabel Lastres-Becker^{1#*}, David Nonis¹⁺, Florian Eich¹, Michael Klinkenberg¹, Myriam Gorospe², Peter Kötter³, Fabrice A. C. Klein⁴, Nancy Kedersha⁵, Georg Auburger^{1*}

¹ Section of Molecular Neurogenetics, Dept. of Neurology, Building 89, 3rd floor, Goethe University Medical School, Theodor Stern Kai 7, 60590 Frankfurt am Main, Germany

² Laboratory of Genetics, National Institute on Aging-Intramural Research Program, National Institutes of Health, Baltimore, Maryland 21224, USA.

³ Center of Excellence Macromolecular Complexes, Institute of Molecular Biosciences, Goethe-University, 60590 Frankfurt am Main, Germany

⁴ Translational Medicine and Neurogenetics Department, Institut de Génétique et Biologie Moléculaire et Cellulaire, UMR7104-CNRS/U964-INSERM/UDS, BP10142, 67404 Illkirch Cédex, France.

⁵ Division of Rheumatology, Immunology and Allergy, Brigham and Women's Hospital and Harvard Medical School, One Jimmy Fund Way, Boston, MA 02115, USA

⁺ present address: Regenerative Medicine Institute (RMI), Cedars-Sinai Medical Center, 8700 Beverly Blvd, AHSP 8400, Los Angeles, CA 90048, USA

Download English Version:

https://daneshyari.com/en/article/8259063

Download Persian Version:

https://daneshyari.com/article/8259063

<u>Daneshyari.com</u>