Accepted Manuscript

From transcriptomic to protein level changes in tdp-43 and fus loss-of-function cell models

Claudia Colombrita, Elisa Onesto, Emanuele Buratti, Pierre de la Grange, Valentina Gumina, Francisco E. Baralle, Vincenzo Silani, Antonia Ratti

PII:	S1874-9399(15)00227-8
DOI:	doi: 10.1016/j.bbagrm.2015.10.01
Reference:	BBAGRM 953

To appear in: BBA - Gene Regulatory Mechanisms

Received date:29 April 2015Revised date:8 October 2015Accepted date:22 October 2015



Please cite this article as: Claudia Colombrita, Elisa Onesto, Emanuele Buratti, Pierre de la Grange, Valentina Gumina, Francisco E. Baralle, Vincenzo Silani, Antonia Ratti, From transcriptomic to protein level changes in tdp-43 and fus loss-of-function cell models, *BBA - Gene Regulatory Mechanisms* (2015), doi: 10.1016/j.bbagrm.2015.10.015

5

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

FROM TRANSCRIPTOMIC TO PROTEIN LEVEL CHANGES IN TDP-43 AND FUS LOSS-OF-FUNCTION CELL MODELS

Claudia Colombrita^{a,b}, Elisa Onesto^b, Emanuele Buratti^c, Pierre de la Grange^d, Valentina Gumina^b, Francisco E. Baralle^c, Vincenzo Silani^{a,b}, Antonia Ratti^{a,b*}

^a Department of Pathophysiology and Transplantation, 'Dino Ferrari' Center - Università degli Studi di Milano, Milan 20122, Italy

^b Department of Neurology and Laboratory of Neuroscience, IRCCS Istituto Auxologico Italiano, Milan 20149, Italy

^c International Centre for Genetic Engineering and Biotechnology (ICGEB), AREA Science Park, Trieste 34149, Italy

^d GenoSplice, Hopital Pitié-Salpêtrière, Paris 75013, France

*Corresponding Author: Antonia Ratti, IRCCS Istituto Auxologico Italiano, Via Zucchi, 18 - 20095 Cusano Milanino (Mi), Italy; phone: +39-02-619113045; email: antonia.ratti@unimi.it

Abbreviations: RBPs, RNA-binding proteins; ALS, amyotrophic lateral sclerosis; FTD, frontotemporal dementia; HTS, high-throughput screening; F.C., fold change; S.I., splicing index; GO, Gene Ontology; KEGG, Kyoto Encyclopedia of Genes and Genomes; WB, Western Blot

Download English Version:

https://daneshyari.com/en/article/8300453

Download Persian Version:

https://daneshyari.com/article/8300453

Daneshyari.com