Accepted Manuscript

Nuclear-Excluded Autism-Associated PTEN Mutations Dysregulate Neuronal Growth

Catherine J. Fricano-Kugler, Stephanie A. Getz, Michael R. Williams, Ashley A. Zurawel, Tyrone DeSpenza, Jr., Paul W. Frazel, Meijie Li, Alistair J. O'Malley, Erika L. Moen, Bryan W. Luikart

PII: S0006-3223(17)32243-6

DOI: 10.1016/j.biopsych.2017.11.025

Reference: BPS 13401

To appear in: Biological Psychiatry

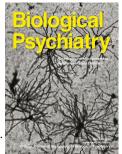
Received Date: 20 July 2017

Revised Date: 1 November 2017

Accepted Date: 16 November 2017

Please cite this article as: Fricano-Kugler C.J., Getz S.A., Williams M.R., Zurawel A.A., DeSpenza T., Jr, Frazel P.W., Li M., O'Malley A.J., Moen E.L. & Luikart B.W., Nuclear-Excluded Autism-Associated PTEN Mutations Dysregulate Neuronal Growth, *Biological Psychiatry* (2018), doi: 10.1016/j.biopsych.2017.11.025.

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.



Nuclear-Excluded Autism-Associated PTEN Mutations Dysregulate Neuronal Growth

Catherine J. Fricano-Kugler¹, Stephanie A. Getz¹, Michael R. Williams¹, Ashley A.

Zurawel¹, Tyrone DeSpenza Jr.¹, Paul W. Frazel¹, Meijie Li¹, Alistair J. O'Malley^{2,3}, Erika

L. Moen², Bryan W. Luikart¹*

1-Department of Physiology and Neurobiology, Geisel School of Medicine at Dartmouth

College, Lebanon, New Hampshire 03756

2-The Dartmouth Institute for Health Policy and Clinical Practice, Geisel School of

Medicine at

Dartmouth, Lebanon, NH, USA

3-Department of Biomedical Data Science, The Dartmouth Institute for Health Policy

and Clinical Practice, Geisel School of Medicine at Dartmouth, Lebanon, NH, USA

*Corresponding Author- Bryan.w.luikart@dartmouth.edu

Short Title – Nuclear Excluded PTEN Mutations in ASD

Word Count - Abstract - 225 words; Main Text - 3,957 words

Figures: 7

Tables: 0

Supplemental Information: 1(Detailed Methods and Materials, 9 Tables, 6 Figures) **Keywords** – Autism, dentate gyrus, PTEN, neuron, hypertrophy, ASD Download English Version:

https://daneshyari.com/en/article/8813874

Download Persian Version:

https://daneshyari.com/article/8813874

Daneshyari.com