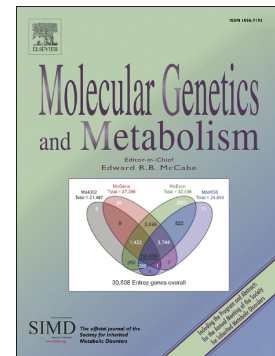


Accepted Manuscript

Novel founder intronic variant in SLC39A14 in two families causing Manganism and potential treatment strategies

Lance H. Rodan, Marissa Hauptman, Alissa M. D'Gama, Anita E. Qualls, Siqi Cao, Karin Tuschl, Fatma Al-Jasmi, Jozef Hertecant, Susan J. Hayflick, Marianne Wessling-Resnick, Edward T. Yang, Gerard T. Berry, Andrea Gropman, Alan D. Woolf, Pankaj B. Agrawal



PII: S1096-7192(18)30049-0
DOI: doi:[10.1016/j.ymgme.2018.04.002](https://doi.org/10.1016/j.ymgme.2018.04.002)
Reference: YMGME 6340
To appear in: *Molecular Genetics and Metabolism*
Received date: 22 January 2018
Revised date: 4 April 2018
Accepted date: 4 April 2018

Please cite this article as: Lance H. Rodan, Marissa Hauptman, Alissa M. D'Gama, Anita E. Qualls, Siqi Cao, Karin Tuschl, Fatma Al-Jasmi, Jozef Hertecant, Susan J. Hayflick, Marianne Wessling-Resnick, Edward T. Yang, Gerard T. Berry, Andrea Gropman, Alan D. Woolf, Pankaj B. Agrawal, Novel founder intronic variant in SLC39A14 in two families causing Manganism and potential treatment strategies. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ymgme(2018), doi:[10.1016/j.ymgme.2018.04.002](https://doi.org/10.1016/j.ymgme.2018.04.002)

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.

Novel founder intronic variant in *SLC39A14* in two families causing Manganism and potential treatment strategies

Lance H. Rodan^{a-c,*}, Marissa Hauptman^{b,d,e,*}, Alissa M. D'Gama^{b,c}, Anita E. Qualls^{f,g}, Siqi Cao^{c,f,g}, Karin Tuschl^h, Fatma Al-Jasmiⁱ, Jozef Hertecantⁱ, Susan J. Hayflick^j, Marianne Wessling-Resnick^k, Edward T. Yang^l, Gerard T. Berry^{b,c}, Andrea Gropman^m, Alan D. Woolf^{b,d,e,*}, Pankaj B. Agrawal^{c,f,g,*}

^aDepartment of Neurology, Boston Children's Hospital, Boston, MA

^bHarvard Medical School, Boston, MA

^cDivision of Genetics and Genomics, Boston Children's Hospital, Boston, MA

^dPediatric Environmental Health Center, Division of General Pediatrics, Boston Children's Hospital, Boston, MA

^eRegion 1 New England Pediatric Environmental Health Specialty Unit (PEHSU), Boston, MA

^fDivision of Newborn Medicine, Boston Children's Hospital, Boston, MA

^gThe Manton Center for Orphan Disease Research, Boston Children's Hospital, Boston, MA

^hDepartment of Cell and Developmental Biology, University College London Great Ormond Street Institute of Child Health, London, UK

ⁱDepartment of Pediatrics, United Arab Emirates University, Al Ain, UAE

^jDepartments of Molecular and Medical Genetics and Pathology, Oregon Health & Science University, Portland, OR

^kDepartment of Genetics and Complex Diseases, Harvard T.H. Chan School of Public Health, Boston, MA

Download English Version:

<https://daneshyari.com/en/article/8342967>

Download Persian Version:

<https://daneshyari.com/article/8342967>

[Daneshyari.com](https://daneshyari.com)