Accepted Manuscript

Title: Enhancing our brains: Genomic mechanisms underlying cortical evolution

Authors: Caitlyn Mitchell, Debra L. Silver



PII:	S1084-9521(17)30235-5
DOI:	http://dx.doi.org/10.1016/j.semcdb.2017.08.045
Reference:	YSCDB 2354
To appear in:	Seminars in Cell & Developmental Biology
Received date:	14-5-2017
Accepted date:	24-8-2017

Please cite this article as: Mitchell Caitlyn, Silver Debra L.Enhancing our brains: Genomic mechanisms underlying cortical evolution. *Seminars in Cell and Developmental Biology* http://dx.doi.org/10.1016/j.semcdb.2017.08.045

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

Enhancing our brains: Genomic mechanisms underlying cortical evolution

Caitlyn Mitchell¹, Debra L. Silver^{1,2,3,4,*}

Affiliations:

¹Department of Molecular Genetics and Microbiology, Regeneration Next, Duke

University Medical Center, Durham, NC 27710, USA.

²Department of Cell Biology, Duke University Medical Center, Durham, NC 27710, USA.

³Department of Neurobiology, Duke University Medical Center, Durham, NC 27710,

USA.

⁴Duke Institute for Brain Sciences, Duke University Medical Center, Durham, NC 27710, USA.

corresponding author, Debra Silver, debra.silver@duke.edu

Permanent address:

224 CARL Building

Box 3175

213 Research Drive

Durham, NC 27710

Abstract

Our most distinguishing higher cognitive functions are controlled by the cerebral cortex. Comparative studies detail abundant anatomical and cellular features unique to the Download English Version:

https://daneshyari.com/en/article/8479689

Download Persian Version:

https://daneshyari.com/article/8479689

Daneshyari.com