Accepted Manuscript

Dopamine D1 receptor positive neurons in the lateral nucleus of the cerebellum contribute to cognitive behavior

Timothy M. Locke, B.A., Marta E. Soden, Ph.D., Samara M. Miller, B.A., Avery Hunker, B.A., Cerise Knakal, B.A., Julia A. Licholai, B.A., Karn S. Dhillon, B.A., C. Dirk Keene, M.D., Ph.D, Larry S. Zweifel, Ph.D., Erik S. Carlson, M.D., Ph.D.

PII: S0006-3223(18)30067-2

DOI: 10.1016/j.biopsych.2018.01.019

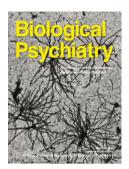
Reference: BPS 13451

To appear in: Biological Psychiatry

Received Date: 10 August 2017
Revised Date: 8 January 2018
Accepted Date: 12 January 2018

Please cite this article as: Locke T.M., Soden M.E., Miller S.M., Hunker A., Knakal C., Licholai J.A., Dhillon K.S., Keene C.D., Zweifel L.S. & Carlson E.S., Dopamine D1 receptor positive neurons in the lateral nucleus of the cerebellum contribute to cognitive behavior, *Biological Psychiatry* (2018), doi: 10.1016/j.biopsych.2018.01.019.

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.



CCEPTED MANUSCRIPT

Dopamine D1 receptor positive neurons in the lateral nucleus of the cerebellum contribute to cognitive behavior

Timothy M. Locke B.A.¹, Marta E. Soden Ph.D.², Samara M. Miller B.A.², Avery Hunker B.A.², Cerise Knakal B.A.², Julia A. Licholai B.A.³, Karn S. Dhillon B.A.⁴, C. Dirk Keene M.D.⁵, Ph.D., Larry S. Zweifel Ph.D.^{1,2}, & Erik S. Carlson M.D., Ph.D.¹*

Affiliations: 1. University of Washington, Department of Psychiatry and Behavioral Sciences 2. University of Washington, Department of Pharmacology 3. University of Washington, Undergraduate Neurobiology Program 4. University of Washington, Department of Biological Chemistry 5. University of Washington, Department of Pathology

*Correspondence:

Erik Sean Carlson M.D., Ph.D.

Department of Psychiatry and Behavioral Sciences

University of Washington

1959 NE Pacific Street, Box 356560

Seattle, WA, 98195-6560

Telephone: 612-387-7304

Fax: 206-543-9520

esc1@uw.edu

Running Title: Cerebellar lateral nucleus D1R cells regulate cognition

Download English Version:

https://daneshyari.com/en/article/8959049

Download Persian Version:

https://daneshyari.com/article/8959049

Daneshyari.com