

This is a repository copy of *Correction to: Relatively frequent switching of transcription start sites during cerebellar development*.

White Rose Research Online URL for this paper: https://eprints.whiterose.ac.uk/127859/

Version: Published Version

## Article:

Zhang, P., Dimont, E., Ha, T. et al. (12 more authors) (2018) Correction to: Relatively frequent switching of transcription start sites during cerebellar development. BMC Genomics , 19 (39). ISSN 1471-2164

https://doi.org/10.1186/s12864-017-4291-4

### Reuse

This article is distributed under the terms of the Creative Commons Attribution (CC BY) licence. This licence allows you to distribute, remix, tweak, and build upon the work, even commercially, as long as you credit the authors for the original work. More information and the full terms of the licence here: https://creativecommons.org/licenses/

### Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



## CORRECTION

## **Open Access**



# Correction to: Relatively frequent switching of transcription start sites during cerebellar development

Peter Zhang<sup>1†</sup>, Emmanuel Dimont<sup>2,3†</sup>, Thomas Ha<sup>1</sup>, Douglas J. Swanson<sup>1</sup>, Masayoshi Itoh<sup>4,5,6</sup>, Hideya Kawaji<sup>4,5,6</sup>, Timo Lassmann<sup>4,5,7</sup>, Carsten O. Daub<sup>4,5</sup>, Erik Arner<sup>4,5</sup>, the FANTOM Consortium<sup>4,5</sup>, Piero Carninci<sup>4,5</sup>, Yoshihide Hayashizaki<sup>4,6</sup>, Alistair R. R. Forrest<sup>4,5</sup>, Winston Hide<sup>2,3,8</sup> and Dan Goldowitz<sup>1\*</sup>

#### Correction

The authors of the original article [1] would like to recognize the critical contribution of core members of the FANTOM5 Consortium, who played the critical role of HeliScopeCAGE sequencing experiments, quality control of tag reads and processing of the raw sequencing data.

The revised author list includes authors Masayoshi Itoh, Hideya Kawaji, Timo Lassmann, Carsten O. Daub, Erik Arner, Piero Carninci, Yoshihide Hayashizaki and Alistair R. R. Forrest, as well as their affiliations.

The following updates to Author contributions, Acknowledgements and Funding have also been included below:

#### **New Author Contributions statement**

PZ, TH, DS and DG generated samples for the time series. MI and PC generated the CAGE libraries. YH, COD, ARRF and PC managed and organized the FAN-TOM5 project. ED, TL, HK, EA and PZ performed data analysis. PZ performed biological validation experiments. PZ, DG, ED and WH wrote the manuscript. The authors read and approved the final manuscript.

#### Acknowledgements

We thank J. Yeung, J. Cairns, S. Tremblay, A. Poon, J. Wilking for support and suggestions on experimental design and manuscript preparation. We thank F. Lucero Villegas for animal management. We thank M. Larouche, D. Rains and J. Boyle for technical support. We thank Dora Pak and Anita Sham for management support and Miroslav Hatas for systems support. We would like to thank all members of the FANTOM5 consortium for contributing to generation of samples and analysis of the data-set and thank GeNAS for data production. We thank GenomeBC, National Institutes of Health, Natural Sciences and Engineering Research Council of Canada, NeuroDev-Net, MEXT Japan and University of British Columbia for funding support.

#### Funding

The efforts of PZ, TH, DS and DG were supported by GenomeBC and National Institutes of Health, Natural Sciences and Engineering Research Council of Canada. FANTOM5 was made possible by a Research Grant for RIKEN Omics Science Center from MEXT to YH and a grant of the Innovative Cell Biology by Innovative Technology (Cell Innovation Program) from the MEXT, Japan to YH. It was also supported by Research Grants for RIKEN Preventive Medicine and Diagnosis Innovation Program to YH and RIKEN Centre for Life Science Technologies, Division of Genomic Technologies (from the MEXT, Japan).

#### Author details

<sup>1</sup>Centre for Molecular Medicine and Therapeutics, Child and Family Research Institute, Department of Medical Genetics, University of British Columbia, 950 West 28th Avenue, Vancouver, BC V5Z 4H4, Canada. <sup>2</sup>Department of Biostatistics, Harvard School of Public Health, 655 Huntington Ave, Boston, MA 02115, USA. <sup>3</sup>Harvard Stem Cell Institute, 1350 Massachusetts Ave, Cambridge, MA 02138, USA. <sup>4</sup>Division of Genomic Technologies, RIKEN Omics Science Center, Yokohama, Japan. <sup>5</sup>RIKEN Center for Life Science Technologies, Yokohama, Japan. <sup>6</sup>RIKEN Preventive Medicine and Diagnosis Innovation Program, Wako, Japan. <sup>7</sup>Telethon Kids Institute, The University of Western Australia, 100 Roberts Road, Subiaco, Subiaco, WA 6008, Australia. <sup>8</sup>Department of Neuroscience, Sheffield Institute of Translational Neuroscience, University of Sheffield, Room B37 385a Glossop Road, Sheffield, South Yorkshire S10 2HQ, UK.



© The Author(s). 2018 **Open Access** This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (http://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated.

<sup>\*</sup> Correspondence: dang@cmmt.ubc.ca

<sup>&</sup>lt;sup>+</sup>Equal contributors

<sup>&</sup>lt;sup>1</sup>Centre for Molecular Medicine and Therapeutics, Child and Family Research Institute, Department of Medical Genetics, University of British Columbia, 950 West 28th Avenue, Vancouver, BC V5Z 4H4, Canada

#### Received: 10 November 2017 Accepted: 10 November 2017 Published online: 11 January 2018

#### Reference

 Zhang P, Dimont E, Ha T, Swanson DJ, Itoh M, Kawaji H, Lassman T, Daub CO, Arner E, the FANTOM Consortium, Carninci P, Hayashizaki Y, Forrest ARR, Hide W, Goldowitz D. Relatively frequent switching of transcription start sites during cerebellar development. BMC Genomics. 2017;18:461. https://doi.org/10.1186/s12864-017-3834-z.