CORRECTION

Open Access



Correction to: Rp58 and p27^{kip1} coordinate cell cycle exit and neuronal migration within the embryonic mouse cerebral cortex

Olivier Clément^{1,2†}, Isabel Anne Hemming^{1,2†}, Ivan Enghian Gladwyn-Ng^{1,2†}, Zhengdong Qu^{3†}, Shan Shan Li³, Michael Piper^{4,5} and Julian Ik-Tsen Heng^{1,2,3,6*}

Correction

After publication of the original article [1] it was realised that there were errors in figures 2a,b,f,g, which arose as a result of preparing figures from data collected and analysed at the same time as the work reported in [2] (Supplementary Figure 1 of [2]).

An updated Fig. 2 is included with this Correction.

Author details

¹The Harry Perkins Institute of Medical Research, Perth, WA 6009, Australia. ²The Centre for Medical Research, University of Western Australia, Perth, WA 6009, Australia. ³EMBL Australia, The Australian Regenerative Medicine Institute, Monash University, Clayton, VIC 3800, Australia. ⁴The School of Biomedical Sciences, University of Queensland, Brisbane 4072, Australia. ⁵Queensland Brain Institute, University of Queensland, Brisbane 4072, Australia. ⁶Curtin Health Innovation Research Institute, Curtin University, Bentley 6845, Australia.

Received: 9 November 2017 Accepted: 9 November 2017 Published online: 11 January 2018

References

- Clément O, Hemming IA, Gladwyn-Ng IE, Qu Z, Li SS, Piper M, et al. Rp58 and p27kip1 coordinate cell cycle exit and neuronal migration within the embryonic mouse cerebral cortex. Neural Dev. 2017;12:8. https://doi.org/10. 1186/s13064-017-0084-3.
- Heng JI, Qu Z, Ohtaka-Maruyama C, Okado H, Kasai M, Castro D, et al. The zinc finger transcription factor RP58 negatively regulates Rnd2 for the control of neuronal migration during cortical development. Cereb Cortex. 2015;25(3):806–16. https://doi.org/10.1093/cercor/bht277.

* Correspondence: Julian.Heng@curtin.edu.au

⁺Equal contributors

¹The Harry Perkins Institute of Medical Research, Perth, WA 6009, Australia ²The Centre for Medical Research, University of Western Australia, Perth, WA 6009, Australia



© 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 pernits 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.



kinase function (e) (F3,8 = 73, p < 0.001, One-way ANOVA, >700 cells counted from 3 independent brains per condition). Similar effects on the co-detection of pHH3, a marker of cell mitosis, were observed (**f-k**, F2,8 = 20, p = 0.004, One-way ANOVA, >700 cells counted from 3 independent brains per condition). I in addition, suppression of *Rp58* by siRNA treatment impaired the migration of GFP-labelled cells, while treatment with either p27kip1 or p27kip1 (ck-) promoted the radial migration of *Rp58*-siRNA treated cells from the VZ/SVZ to the IZ (F2,8 = 12, p < 0.0001, One-way ANOVA, >550 cells counted from 3 independent brains per condition). Scale bar represents 50 µm