CORRECTION

Correction: Lrig1 expression prospectively identifies stem cells in the ventricular-subventricular zone that are neurogenic throughout adult life

Hyung-song Nam[1*] and Mario R. Capecchi[1]

Correction: Neural Dev 15, 3 (2020)
https://doi.org/10.1186/s13064-020-00139-5

The authors would like to correct errors in the original publication of the article [1].

1. Page 2, "the G4 embryonic stem cells derived from 129S6/SvEvTac × C57BL/6Ncr F1 embryos" corrected to "the G4 embryonic stem cells derived from a 129S6/SvEvTac × C57BL/6Ncr F1 embryo".

2. Page 6, "In addition to our line of investigation (Additional file 1), others have also previously observed *Lrig1* expression in the V-SVZ quiescent neural stem cells (qNSC's) [12]" corrected to "In addition to our line of investigation (Additional file 1), others have also previously observed *Lrig1* expression in the V-SVZ quiescent neural stem cells (qNSC's) [2, 3]". An additional reference was added. See references below.

3. Page 7, "When heterozygotes of this C57BL/6J congenic mouse line were interbred" corrected to "When heterozygotes of this C57BL/6J congenic mouse line were intercrossed".

*Correspondence:
Hyung-song Nam
hnam@genetics.utah.edu
[1] Department of Human Genetics, University of Utah School of Medicine, Salt Lake City, UT 84112-5331, USA

4. Page 9, "consistent with the known *Lrig1* expression domain" corrected to "consistent with the known *Lrig1* expression domains".

5. Page 11, Fig. 4 legend, "An ependymal cell at the lateral surface" corrected to "An ependymal cell at the ventricular surface".

6. Page 13, "as well as EdU + Ki-67 +, Ascl1 +, or EdU + Ki-67 + Dcx + proliferating cells (data not shown)" corrected to "as well as EdU + Ki-67 + Ascl1 + or EdU + Ki-67 + Dcx + proliferating cells (data not shown)".

7. Page 13, "very rare singlet RFP + cells with α/β morphologies that were EdU + Ascl1 + and Ki-67 + (Fig. 4j, 38 cells counted from 7 lateral walls from 7 mice)" corrected to "very rare singlet RFP + cells with α/β morphologies that were EdU + Ascl1 + Ki-67 + (Fig. 4j, 38 cells counted from 7 lateral walls from 7 mice)".

8. Page 13, "(2) we did not observe proliferating clusters of these cells during our experiments" corrected to "(2) we did not observe proliferating clusters of these cells during our experiments.". A missing period was added.

9. Page 14, "(Fig. 6e, α vs. tanycytes, $p < 0.01$, β vs. tanycytes, $p < 0.05$, t test)" was corrected to "(Fig. 6e, α vs. tanycytes, $p < 0.01$, β vs. tanycytes, $p < 0.01$, t test)". One of the two p-values was corrected.

10. Page 16, Fig. 6 legend, "Gfap- α/β subtype cells" corrected to "Gfap- α subtype cell".

11. Page 16, Fig. 6 legend, "Gfap + tanycytes" corrected to "Gfap + tanycyte".

12. Page 16, Fig. 6 legend, "Gfap- tanycytes" corrected to "Gfap- tanycyte".

13. Page 17, Additional file legend, "such as FGF-2, EGF, and BMP4" corrected to "such as FGF2, EGF, and BMP4".

References
1. Nam HS, Capecchi MR. Lrig1 expression prospectively identifies stem cells in the ventricular-subventricular zone that are neurogenic throughout adult life. Neural Dev. 2020;15(1):3.
2. Codega P, Silva-Vargas V, Paul A, Maldonado-Soto AR, Deleo AM, Pastrana E, et al. Prospective identification and purification of quiescent adult neural stem cells from their in vivo niche. Neuron. 2014;82(3):545–59.
3. Morizur L, Chicheportiche A, Gauthier LR, Daynac M, Boussin FD, Mouthon MA. Distinct Molecular Signatures of Quiescent and Activated Adult Neural Stem Cells Reveal Specific Interactions with Their Microenvironment. Stem Cell Reports. 2018;11(2):565–77.