










<https://doi.org/10.1038/s41467-020-19362-z>

OPEN

# Author Correction: Transcriptomic and cellular decoding of regional brain vulnerability to neurogenetic disorders

Jakob Seidlitz , Ajay Nadig, Siyuan Liu, Richard A. I. Bethlehem, Petra E. Vértes, Sarah E. Morgan , František Váša, Rafael Romero-García , François M. Lalonde , Liv S. Clasen, Jonathan D. Blumenthal, Casey Paquola , Boris Bernhardt, Konrad Wagstyl, Damon Polioudakis, Luis de la Torre-Ubieta, Daniel H. Geschwind , Joan C. Han, Nancy R. Lee, Declan G. Murphy , Edward T. Bullmore & Armin Raznahan

Correction to: *Nature Communications* <https://doi.org/10.1038/s41467-020-17051-5>, published online 3 July 2020.

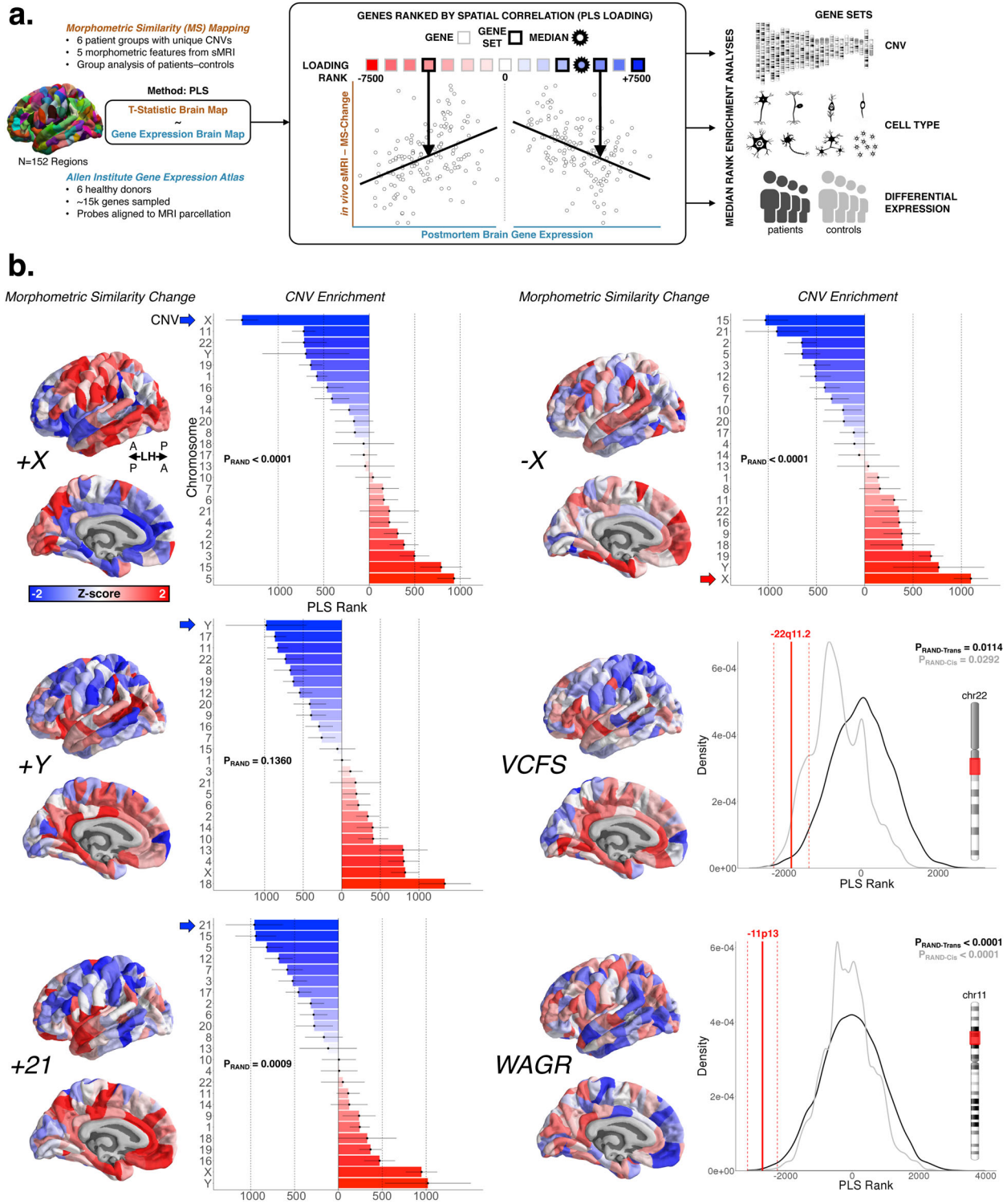
The original version of this Article contained an error in the “Results” section, which incorrectly read “For example, the most-extreme ranking CNV region gene relative to anatomical change in each CNV was; +X: *ZCCHC12*, +Y: *EIF1AY*, -X: *GABRA3*, +21: *PCP4*, -22q11: *MAPK1*, -11p13: *TRIM44*.” The correct version states “For example, the most extreme ranking CNV region gene relative to anatomical change in each CNV was: +X: *ZCCHC12*, +Y: *EIF1AY*, -X: *GABRA3*, +21: *PCP4*, -22q11: *SLC7A4*, -11p13: *TRIM44*.”

The original version of this Article contained an error in the “Results” section, which incorrectly read “MS increases in VCFS syndrome (-22q11) and *MAPK1* expressing inhibitory neurons.” The correct version removes this sentence.

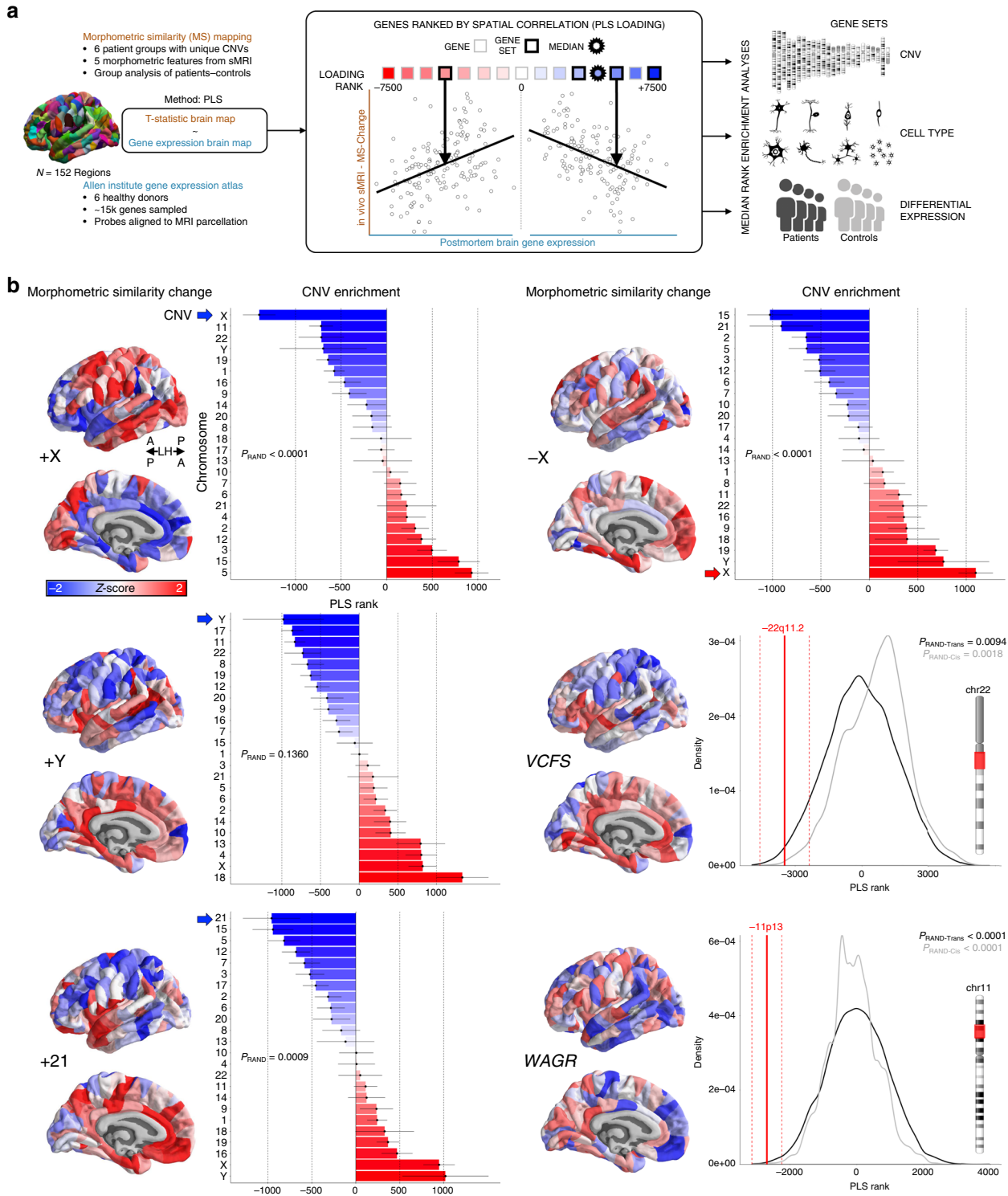
The original version of this Article contained an error in Figs. 1b and 2d.

In the original version of Fig. 1b, the graph next to the Chr22 schematic reported the following: the  $y$ -axis range was  $0e+00$  to  $3e-04$ , the  $x$ -axis range was  $-3000$  to  $3000$ , and the values for the  $P_{\text{RAND-Trans}}$  and  $P_{\text{RAND-Cis}}$  were  $0.0094$  and  $0.0018$ , respectively.

The correct version of Fig. 1 is:

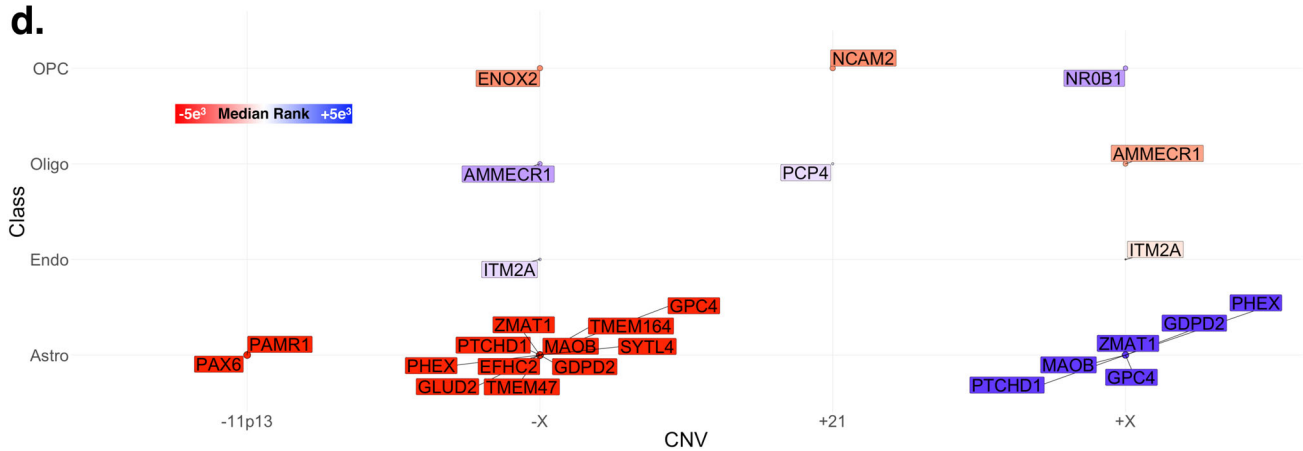
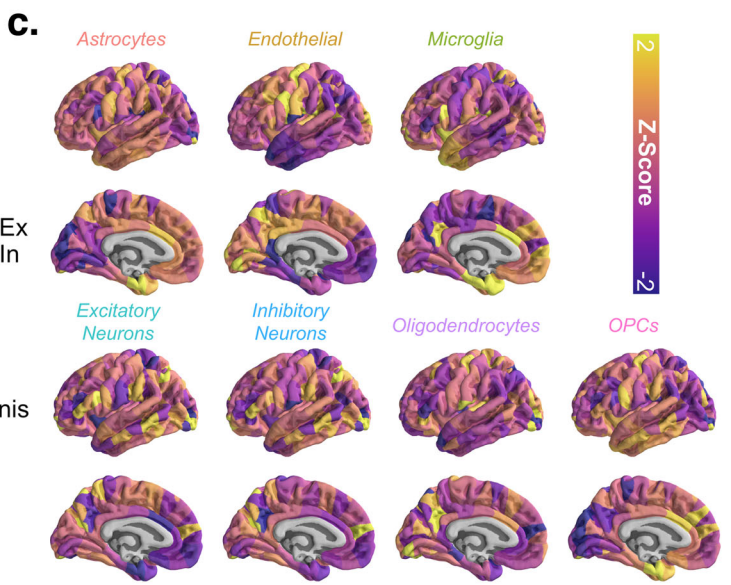
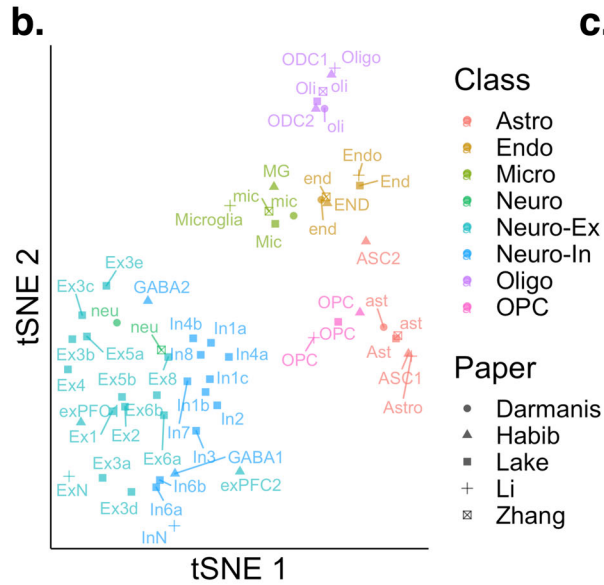
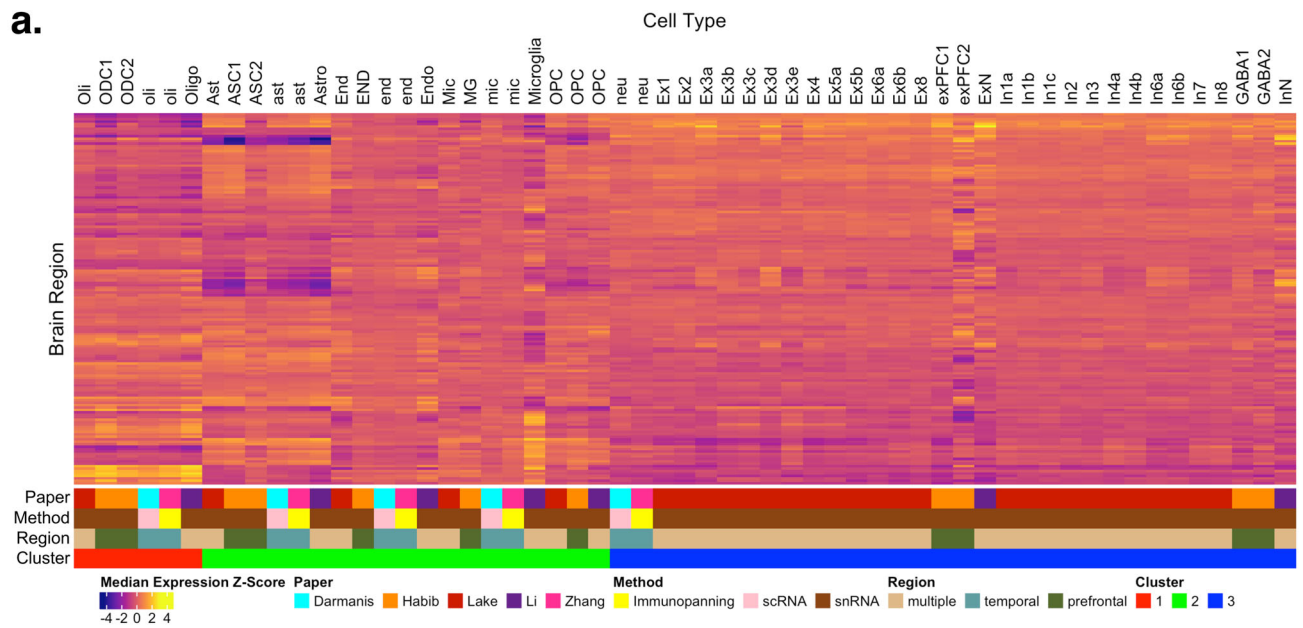


which replaces the previous incorrect version:

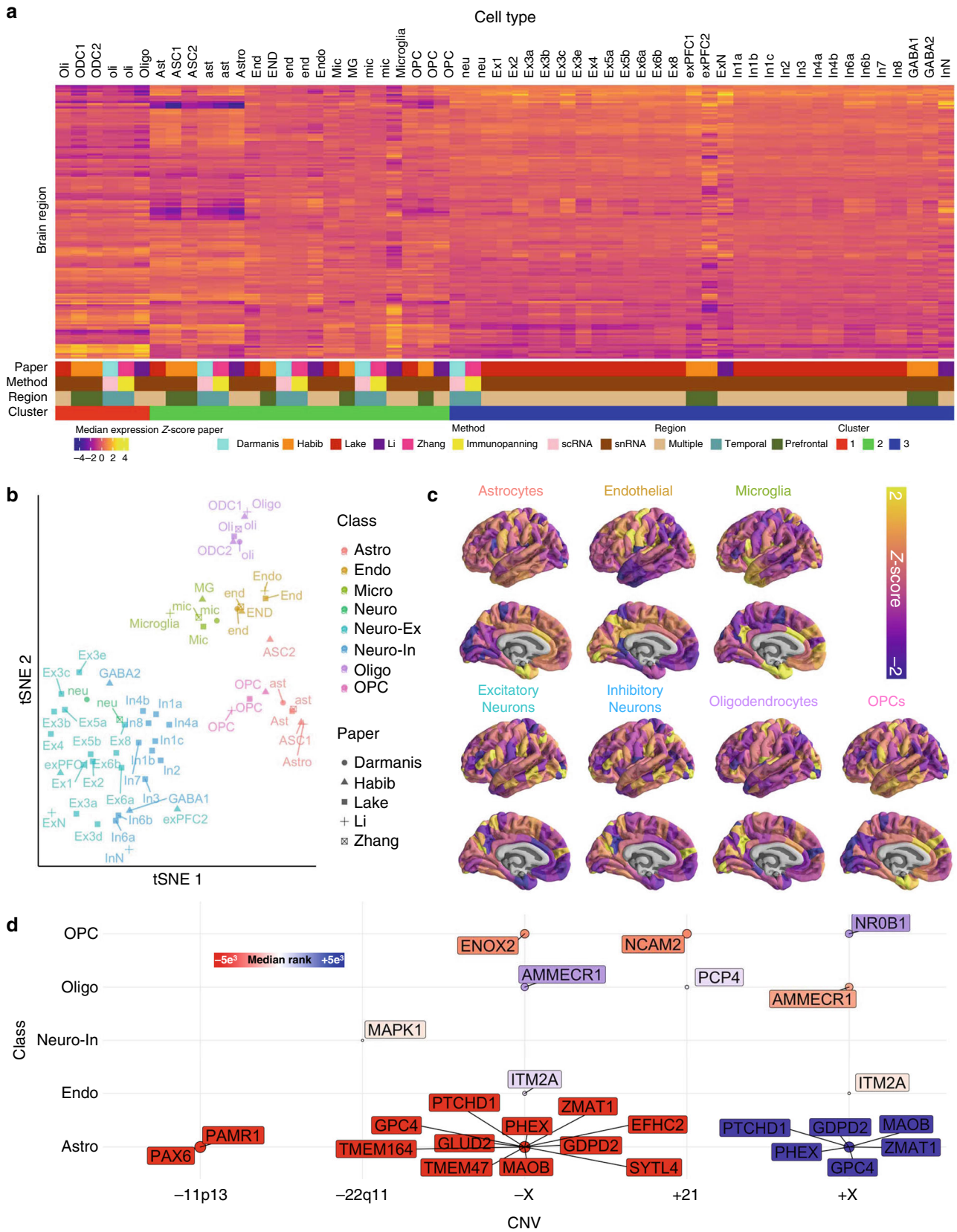


In the original version of Fig. 2d, the y-axis reported the following class of cells: OPC, Oligo, Neuro-In, Endo, Astro. Among the reported genes in the plot, MAPK1 is included.

The correct version of Fig. 2 is:



which replaces the previous incorrect version:



All the errors above have been corrected in both the PDF and HTML versions of the Article.

The original version of the Supplementary Information associated with this Article included an incorrect Supplementary Data 1 file, in which the CVN genes tab, column A (del22q11.2) reported 20 genes in total: DGCR6, PRODH, STK22B, ES2EL, GSCL, SLC25A1, ZDHHC8, RANBP1, HTF9C, DGCR8, T10, ARVCF, COMT, TBX1, GP1BB, UFD1L, HIRA, SNAP29, TMEM191A, MAPK1.

The HTML has been updated to include a corrected version of Supplementary Data 1; the original incorrect version of Supplementary Data 1 can be found as Supplementary Information associated with this Correction.

Published online: 17 November 2020



**Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as 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 images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2020