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# Author Correction: Distinct temporal integration of noradrenaline signaling by astrocytic second messengers during vigilance

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Correction to: *Nature Communications* <https://doi.org/10.1038/s41467-020-14378-x>, published online 24 January 2020.

The original version of this Article omitted from the author list the 8th author Takashi Tsuboi who is from the 'Department of Life Sciences, Graduate School of Arts and Sciences, The University of Tokyo, 3-8-1 Komaba, Meguro, Tokyo 153-8902, Japan' and the 9th author Tetsuya Kitaguchi who is from the 'Laboratory for Chemistry and Life Science, Institute of Innovative Research, Tokyo Institute of Technology, 4259 Nagatsuta-cho, Midori-ku, Yokohama, Kanagawa 226-8503, Japan'. Consequently, the corrected version of the Acknowledgements removes the following from the original version: 'Dr. Tetsuya Kitaguchi for providing Pink Flamindo construct.' Additionally, the following was added to the Author contributions: 'T.T. and T.K. shared and discussed unpublished Pink Flamindo data.' This has been corrected in both the PDF and HTML versions of the Article.

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