

## Corrigendum: L1-associated genomic regions are deleted in somatic cells of the healthy human brain

Jennifer A Erwin, Apuã C M Paquola, Tatjana Singer, Iryna Gallina, Mark Novotny, Carolina Quayle, Tracy A Bedrosian, Francisco I A Alves, Cheyenne R Butcher, Joseph R Herdy, Anindita Sarkar, Roger S Lasken, Alysson R Muotri & Fred H Gage  
*Nat. Neurosci.* 19, 1583–1591 (2016); published online 12 September 2016; corrected after print 13 July 2017

In the version of this article initially published, NIH grant T32 CA009370 to F.H.G. was missing from the Acknowledgments. The error has been corrected in the HTML and PDF versions of the article.

## Corrigendum: Overlearning hyperstabilizes a skill by rapidly making neurochemical processing inhibitory-dominant

Kazuhisa Shibata, Yuka Sasaki, Ji Won Bang, Edward G Walsh, Maro G Machizawa, Masako Tamaki, Li-Hung Chang & Takeo Watanabe  
*Nat. Neurosci.* 20, 470–475 (2017); published online 30 January 2017; corrected after print 18 September 2017

In the version of this article initially published, NIH grant R01EY019466 was missing from grants to T.W. in the Acknowledgments. The error has been corrected in the HTML and PDF versions of the article.

## Corrigendum: Hormonal gain control of a medial preoptic area social reward circuit

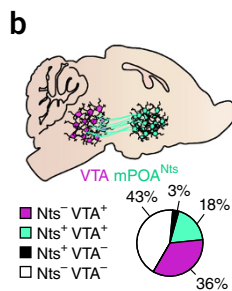
Jenna A McHenry, James M Otis, Mark A Rossi, J Elliott Robinson, Oksana Kosyk, Noah W Miller, Zoe A McElligott, Evgeny A Budygin, David R Rubinow & Garret D Stuber  
*Nat. Neurosci.* 20, 449–458 (2017); published online 30 January 2017; corrected after print 30 June 2017

In the version of this article initially published, there were errors in data analysis and presentation. The corrected analysis and presentation do not change the results or interpretation of the data. Asterisk definitions have also been added for clarity as noted below. Changes with respect to the number of subjects reflect errors in reporting only and did not affect the data analysis. The percentages in Figure 1b originally reported as 43, 3, 18 and 36% have been changed to 43, 1, 19 and 37%, respectively. In the first paragraph of the Results, “97% of *Nts*-labeled cells colocalizing with VTA beads” has been changed to “96% of *Nts*-labeled cells colocalizing with VTA beads” and “this subpopulation comprised 33% of all mPOA VTA-projecting neurons” has been changed to “this subpopulation comprised 35% of all mPOA VTA-projecting neurons.” In the legend for Figure 2a, the *n* value originally reported as 9 has been changed to 9 and 10, and asterisks have been added to read  $***P = 0.0006$ . In Figure 3a, points were misplotted as a result of an error in data analysis. The graph has been replaced. The values originally reported in the legend as  $t_5 = 2.82$ ,  $P = 0.0368$  have been changed to  $t_5 = 5.85$ ,  $**P = 0.0021$ . In the Figure 3d legend, the value originally reported as  $n = 52$  cells has been changed to 51. In Figure 3e, the percentage in the male E2 pie chart for excited neurons has been changed from 24 to 23%. Figure 5b originally contained duplicate example traces of calcium transients that were supposed to be taken from three individual neurons; new traces have been supplied. In Figure 5c,d, the asterisks have been changed from  $***$  to  $****$  and defined in the legend as  $****P < 0.0001$ , Bonferroni *post hoc* test, E2 versus pre and E2 versus post. In the Figure 5d legend, the value originally reported as  $F_{2,252} = 13.13$  has been changed to 17.32. In the Figure 5f legend, asterisks have been defined as  $***P < 0.001$ , Bonferroni *post hoc* test. In Figure 5g, the horizontal axis was truncated at 60, resulting in missing data points; the graph has been replaced. In the Figure 5h legend, asterisks have been defined as  $*P < 0.05$ ,  $**P < 0.01$ ,  $***P < 0.001$ , Bonferroni *post hoc* test. In the Figure 6e legend, the degrees of freedom originally reported as  $F_{3,30}$  have been changed to  $F_{3,27}$ . In the Figure 6g legend, the value originally reported as eYFP = 6 mice has been changed to eYFP = 7 mice. In the Figure 6h legend, the values originally reported as  $F_{3,30} = 9.44$ ,  $P = 0.0002$  have been changed to  $F_{3,24} = 15.2$ ,  $P < 0.0001$ . In Figure 6i,j, points were misplotted as a result of an error in data analysis, and error bars plotted as s.d. were misidentified in the legend as s.e.m. The data have been replotted, with error bars representing s.e.m. In the Figure 6i legend, the values originally reported as  $F_{1,8} = 23.2$  have been changed to  $F_{1,9} = 63.1$ . Asterisks have been defined at the end of the Figure 6 legend as  $*P < 0.05$ ,  $***P < 0.001$ ,  $****P < 0.0001$ , Bonferroni *post hoc* test. The statistically significant differences in Figure 7b originally indicated by  $**$  have been changed to  $***$ ; these have been defined in the legend as  $***P < 0.001$ , Bonferroni *post hoc* test. In Figure 7e, a data point in the E2 group was missing; the graph has been replaced. An asterisk has also been added in the Figure 7e legend to read  $*P = 0.016$ . In Figure 8c, data were misplotted as a result of errors in analysis. The graph has been replaced, and the statistically significant differences originally indicated by  $*$  have been changed to  $**$ . The values originally reported in the legend as  $F_{4,24} = 4.20$ ,  $P = 0.0112$  have been changed to  $F_{4,21} = 6.82$ ,  $P = 0.0011$ . In Figure 8d, data were misplotted as a result of an error in analysis. The graph has been replaced, and the values originally reported in the legend as  $F_{4,24} = 8.33$ ,  $P = 0.0003$  have been changed to  $F_{4,21} = 6.35$ ,  $P = 0.0016$ . In Figure 8e, data were misplotted as a result of an error in analysis. The graph has been replaced, and the values originally reported in the legend as  $F_{4,24} = 0.60$ ,  $P = 0.6622$  have been changed to  $F_{4,21} = 1.33$ ,  $P = 0.29$ . In Figure 8g, the vertical axis was truncated at 250, resulting in missing data points; the graph has been replaced, and the statistically significant differences originally indicated by  $*$  have been changed to  $**$ . The values originally reported in the legend as  $F_{1,12} = 7.92$  as a result of an error in manuscript preparation have been changed to  $F_{1,12} = 7.15$ . In Figure 8h, the vertical axis was truncated at  $-0.4$  and  $0.8$ , resulting in missing data points, and data were misplotted as a result of an error in analysis. The graph has been replaced, and the statistically significant differences originally indicated by  $*$  have been changed to  $***$ . The values originally reported in the legend as  $F_{1,12} = 7.15$ ,  $P = 0.0200$  have been changed to  $F_{1,12} = 9.8$ ,  $P = 0.009$ . In Figure 8j, the vertical axis was truncated at 200, resulting in missing data points. The graph has been replaced, and

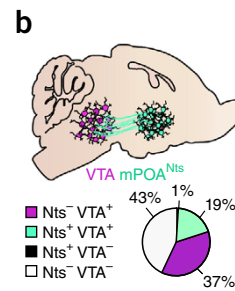
the test statistic originally described in the legend as  $t_{3,33}$  has been changed to  $F_{3,33}$ . In Figure 8k, the vertical axis was truncated at  $-0.4$  and  $0.4$ , resulting in missing data points, and data were misplotted as a result of an error in analysis. The graph has been replaced, and the statistically significant differences originally indicated by \*\*\* have been changed to \*\*. The value originally reported in the legend as  $n = 7$  has been changed to control  $n = 6$  and NpHR  $n = 7$ .

In Supplementary Figure 5b–d,f,g, points were misplotted as a result of errors in data analysis and figure preparation; the graphs have been replaced. The values originally reported in the legend to Supplementary Figure 5b as  $t_{1,11} = 1.71$   $p = 0.1042$ ,  $n = 8$  mice have been changed to  $t_{1,9} = 1.09$   $p = 0.3061$ ,  $n = 10$  mice. The values originally reported in the legend to Supplementary Figure 5c–e as  $n = 8$  have been changed to  $n = 7$ – $10$ . The values originally reported in the legend to Supplementary Figure 5f as  $F_{4,37} = 3.61$ ,  $p = 0.0137$ ,  $n = 8$  mice have been changed to  $F_{4,37} = 3.34$ ,  $p = 0.0196$ ,  $n = 7$ – $10$  mice. The values originally reported in the legend to Supplementary Figure 5g as  $F_{4,37} = 1.74$ ,  $p = 0.1621$ ,  $n = 8$  mice have been changed to  $F_{4,37} = 2.01$ ,  $p = 0.1131$ ,  $n = 7$ – $10$  mice. In Supplementary Figure 6c–e, points were misplotted as a result of an error in data analysis; the graphs have been replaced. The values originally reported in the legend to Supplementary Figure 6c as  $F_{2,15} = 17.03$ ,  $p = 0.0002$  have been changed to  $F_{2,17} = 35.61$ ,  $p = 0.0003$ , and the statistically significant differences originally indicated by \*\*\* for Veh have been changed to \*\* for E2 and \*\*\* for E2–P4, with asterisks defined in the legend as Veh. vs. E2, \*\* $P = 0.004$ ; Veh. vs. P4, \*\*\* $P = 0.0003$ . The values originally reported in the legend to Supplementary Figure 6d as  $F_{2,15} = 11.32$ ,  $p = 0.0010$  have been changed to  $F_{2,17} = 27.86$ ,  $p = 0.0008$ , and the statistically significant differences originally indicated by \* for E2 have been changed to \*\*, with asterisks defined in the legend as Veh. vs. E2, \*\* $P = 0.009$ ; Veh. vs. P4, \*\*\* $P = 0.00019$ . The values originally reported in the legend to Supplementary Figure 6e as  $F_{2,15} = 0.48$ ,  $p = 0.6268$  have been changed to  $F_{2,17} = 1.76$ ,  $p = 0.238$ . The values originally reported in the legend to Supplementary Figure 10b–f as  $n = 6$  have been changed to  $n = 5$ – $6$ . The values originally reported in the legend to Supplementary Figure 10c as  $F_{4,26} = 1.04$   $p = 0.9322$  have been changed to  $F_{4,26} = 0.21$   $p = 0.9322$ . The degrees of freedom originally reported in the legend to Supplementary Figure 10f as  $F_{2,15}$  have been changed to  $F_{2,13}$ . The test description and values originally reported in the legend to Supplementary Figure 10i as One-Way ANOVA, interaction  $F_{2,13} = 0.72$   $p = 0.5018$  have been changed to One-Way ANOVA,  $F_{2,17} = 0.15$   $p = 0.8640$ . The test name and values originally reported in the legend to Supplementary Figure 10j as One-Way ANOVA, interaction  $F_{2,22} = 9.09$   $p = 0.9099$ ,  $n = 7$  have been changed to Two-Way ANOVA, interaction  $F_{2,22} = 0.47$   $p = 0.9543$ ,  $n = 6$ – $7$ . The values originally reported in the legends to Supplementary Figure 10k,l as  $n = 7$  have been changed to  $n = 6$ – $7$ . The test name and values originally reported in the legend to Supplementary Figure 10m as One-Way ANOVA, interaction  $F_{2,22} = 1.29$   $p = 0.2953$ ,  $n = 7$  have been changed to Two-Way ANOVA, interaction  $F_{2,22} = 0.69$   $p = 0.5142$ ,  $n = 6$ – $7$ . The values originally reported in the legend to Supplementary Figure 10n as One-Way ANOVA, interaction  $F_{2,22} = 0.686$   $p = 0.5142$ ,  $n = 7$  have been changed to Two-Way ANOVA, interaction  $F_{2,22} = 0.405$   $p = 0.6719$ ,  $n = 6$ – $7$ . The test name and values originally reported in the legend to Supplementary Figure 10o as Paired t-test,  $t_{1,10} = 0.34$   $p = 0.7395$ ,  $n = 8$  have been changed to un-paired t-test,  $t_{1,10} = 0.70$   $p = 0.4983$ ,  $n = 6$ . The errors have been corrected in the HTML and PDF versions of the article.

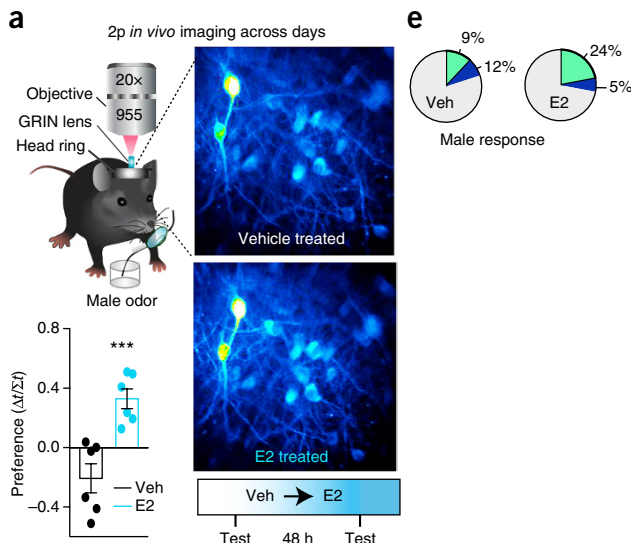
Original Figure 1b



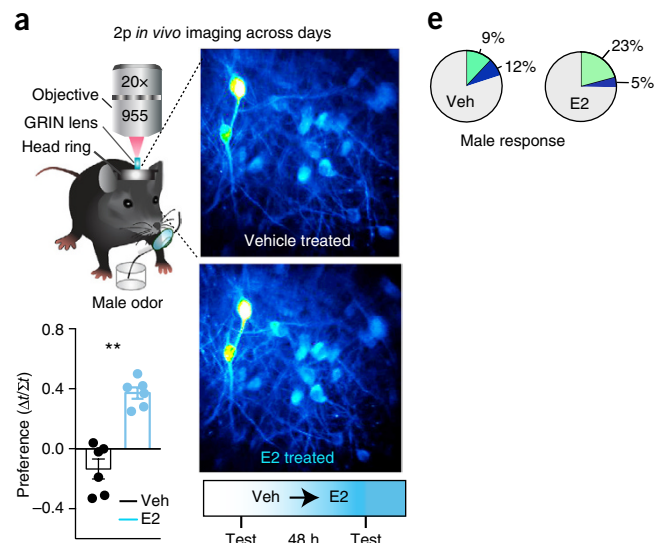
Revised Figure 1b



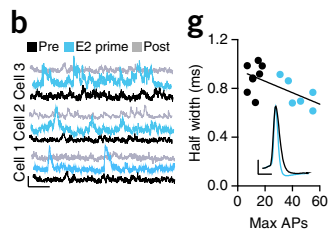
Original Figure 3a,e



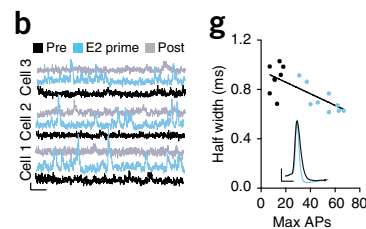
Revised Figure 3a,e



Original Figure 5b,g



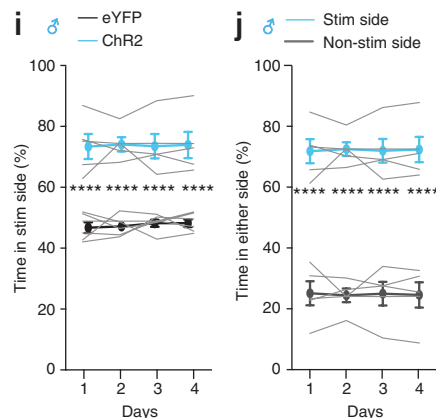
Revised Figure 5b,g



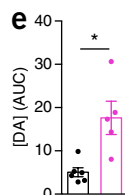
Original Figure 6i,j



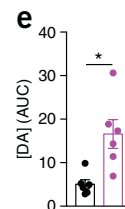
Revised Figure 6i,j



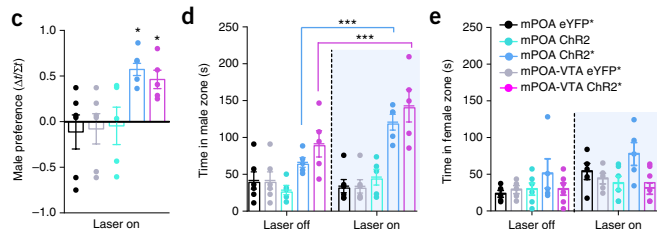
Original Figure 7e



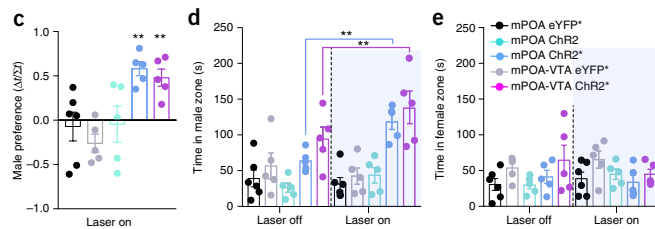
Revised Figure 7e



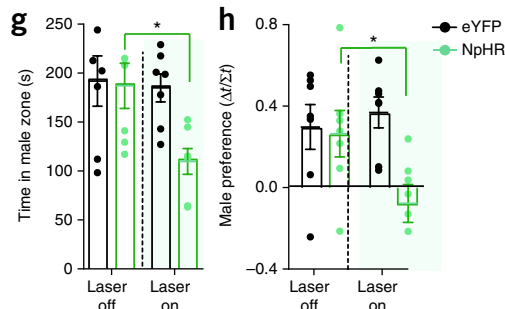
Original Figure 8c,d,e



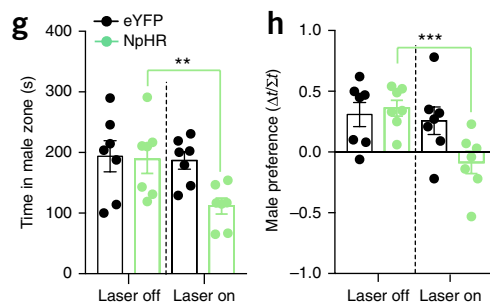
Revised Figure 8c,d,e



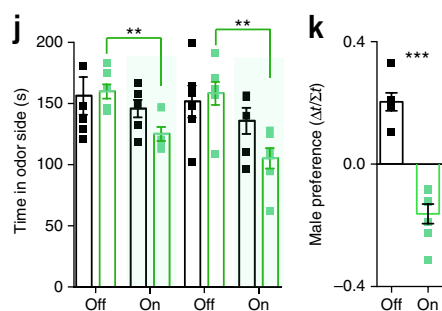
Original Figure 8g,h



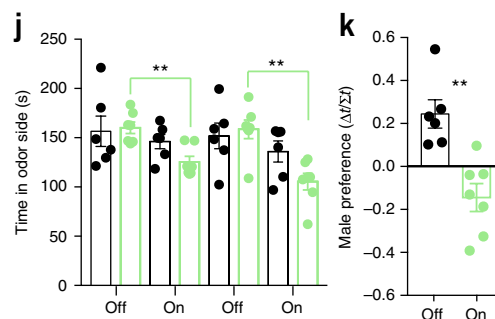
Revised Figure 8g,h



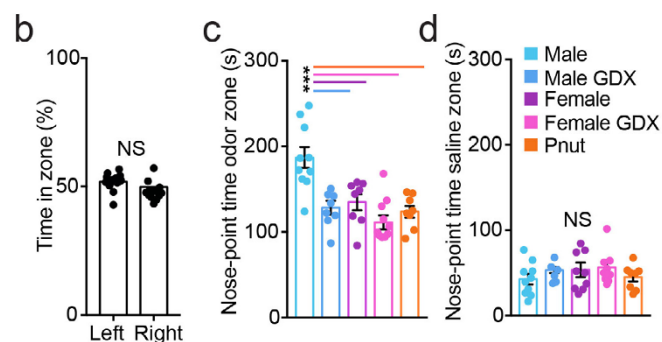
Original Figure 8j,k



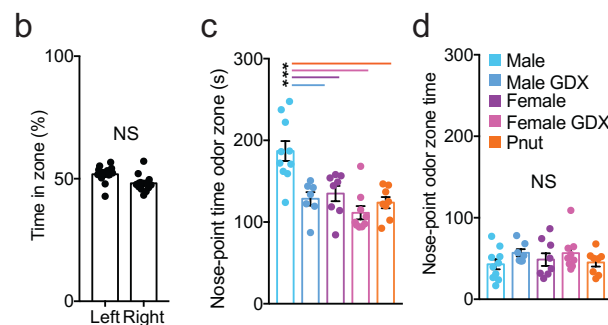
Revised Figure 8j,k



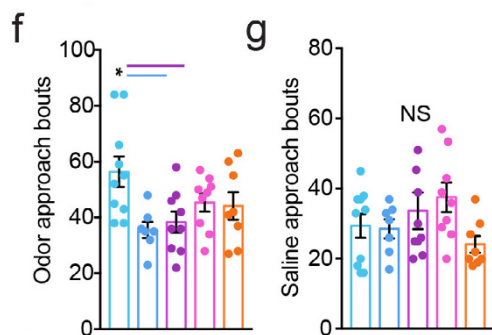
Original Supplementary Figure 5b,c,d



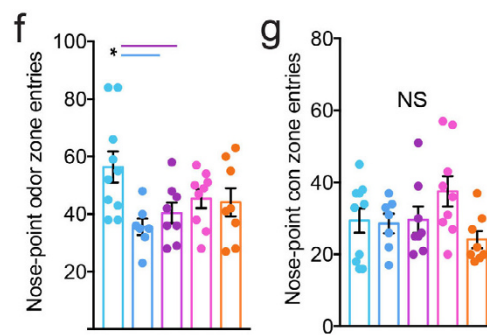
Revised Supplementary Figure 5b,c,d



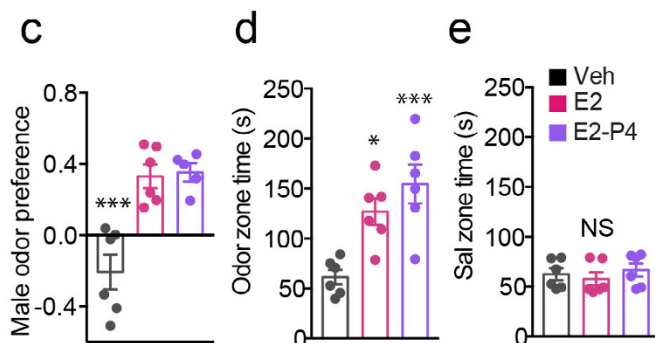
Original Supplementary Figure 5f,g



Revised Supplementary Figure 5f,g



Original Supplementary Figure 6c,d,e



Revised Supplementary Figure 6c,d,e

