



# Corrigendum: Calcium in Kenyon Cell Somata as a Substrate for an Olfactory Sensory Memory in *Drosophila*

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## A corrigendum on

**Calcium in Kenyon Cell Somata as a Substrate for an Olfactory Sensory Memory in *Drosophila*** by Lüdke, A., Raiser, G., Nehr Korn, J., Herz, A. V. M., Galizia, C. G., and Szyszka, P. (2018). *Front. Cell. Neurosci.* 12:128. doi: 10.3389/fncel.2018.00128

In the original article, we did not indicate the number of analyzed animals and glomeruli/somata/ROIs. We provide this information below:

### Figures 2, 3, and 7:

ORN axons:  $N = 9$  flies,  $n = 85$  glomeruli (glomeruli per fly: 11, 11, 10, 5, 10, 10, 7, 10, 11)  
PN dendrites:  $N = 10$  flies,  $n = 88$  glomeruli (glomeruli per fly: 9, 5, 8, 9, 11, 10, 10, 12, 7, 7)  
[In Figures 3C–F the  $N$  and  $n$  for the odors EACE ( $N = 3$ ,  $n = 22$ ) and MCH ( $N = 7$ ,  $n = 66$ ) in PN dendrites is lower, since these odors were used alternately].

### Figure 4 and Supplementary Figure S2:

(same flies as above, with one additional fly and thirteen additional glomeruli in ORN axons):  
ORN axons:  $N = 10$  flies,  $n = 98$  glomeruli (glom. per fly: 11, 11, 10, 6, 10, 10, 10, 9, 10, 11)  
PN dendrites:  $N = 10$  flies,  $n = 88$  glomeruli (glom. per fly: 9, 5, 8, 9, 11, 10, 10, 12, 7, 7)

### Figures 5, 6:

PN somata:  $N = 10$  flies,  $n = 108$  somata (somata per fly: 18, 15, 13, 5, 13, 10, 9, 9, 12, 4)  
KC dendrites:  $N = 6$  flies,  $n = 343$  ROIs (ROIs per fly: 57, 35, 31, 60, 84, 76)  
KC somata:  $N = 9$  flies,  $n = 339$  somata (somata per fly: 47, 28, 26, 52, 44, 23, 3, 55, 61)  
(In Figures 6C–F and **Supplementary Figure S3** the  $N$  and  $n$  in the PN somata and KC somata matrices vary for each odor pair, because not every odor was analyzable in every fly. PN somata:  $N = 4$ –10 flies,  $n = 47$ –108 somata; KC somata:  $N = 5$ –8 flies,  $n = 217$ –313 somata).

### Figure 7:

PN somata:  $N = 2$  flies,  $n = 25$  somata (somata per fly: 13, 12)  
KC dendrites:  $N = 6$  flies,  $n = 343$  ROIs (ROIs per fly: 57, 35, 31, 60, 84, 76)

KC somata:  $N = 5$  flies,  $n = 217$  somata (somata per fly: 47, 28, 26, 55, 61)  
(Note that for the SVM we could only use flies with complete data for the same set of odorants (ButL, AceA, ProL, ProA, MO),  
hence the lower  $N$  in PN somata and KC somata).

In the original article the following reference was incorrectly cited as “unpublished”. The corrected reference appears below:

Betkiewicz, R. L., Lindner, B., and Nawrot, M. P. (2017). Circuit and cellular mechanisms facilitate the transformation from dense to sparse coding in the insect olfactory system. *BioRxiv* [Preprint]. doi: 10.1101/240671

We apologize for this missing information and emphasize that this does not change the scientific conclusions of the article in any way.

The original article has been updated.

**Conflict of Interest Statement:** The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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