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* You should state whether an appropriate sample size was computed when the study was being designed
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* If no explicit power analysis was used, you should describe how you decided what sample (replicate) size (number) to use

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Sample-size estimation or power analysis was not used in this study. Sample size determination is described in the methods section under "Statistical analysis and curve fitting."

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* You should report how often each experiment was performed
* You should include a definition of biological versus technical replication
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Details on how often each experiment was performed are presented in figure legends and in the methods section under "Fluorescence imaging of GCaMP and pHluorin reporter proteins." Rare exclusion of outliers is directly reported in figure legends.

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* Statistical analysis methods should be described and justified
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* For each experiment, you should identify the statistical tests used, exact values of N, definitions of center, methods of multiple test correction, and dispersion and precision measures (e.g., mean, median, SD, SEM, confidence intervals; and, for the major substantive results, a measure of effect size (e.g., Pearson's r, Cohen's d)
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