***eLife’s* transparent reporting form**

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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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This manuscript does not contain analysis for large number of samples. In Figure 5C, at least 6 cells were analyzed for each replicate. In Figure 5G-I, at least 16 cells were analyzed for each replicate. In SOCE assay (Figure 5J), at least 42 cells were analyzed for each replicate.

**Replicates**

* You should report how often each experiment was performed
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The information regarding the replicates can be found in the legend part of Figure 5 and the Methods section.

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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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Statistical analysis methods regarding the replicates can be found in Figure 5, Figure 2—figure supplement 1, Figure 4—figure supplement 1 and the Methods section.

(For large datasets, or papers with a very large number of statistical tests, you may upload a single table file with tests, Ns, etc., with reference to sections in the manuscript.)

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* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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The numerical data that are represented in figures 1-5 and table 1 are provided as source data.