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**Sample-size estimation**

* 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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We designed our experiments to have the sample size large enough so that the difference observed between the tested sample and the control sample is statistically significant.

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The information of the biological replicates was indicated in the figure legends (Figure 1A, D, E, 2A-C, 3B-D, 4F, 5F-K, 6B-E, H; Figure 1—figure supplement 1A, B, Figure 2—figure supplement 1A, D-F, Figure 4—figure supplement 1C, Figure 4—figure supplement 2E, Figure 5—figure supplement 1E, Figure 6—figure supplement 1D).

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* Statistical analysis methods should be described and justified
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(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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