***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
* You shouldstate the statistical method of sample size computation and any required assumptions
* If no explicit power analysis was used, you should describe how you decidedwhat sample (replicate) size (number) to use

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The information can be found in the result section and figure legends.

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* You should report how often each experiment was performed
* You should includea definition of biological versus technical replication
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* Statistical analysis methods should be described and justified
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* Report exact p-values wherever possible alongside the summary statistics and 95% confidence intervals. These should be reported for all key questions and not only when the p-value is less than 0.05.

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The information can be found in the method. Data were analyzed by two-tailed paired or unpaired Student’s t test, or one or two-way ANOVA. Unless otherwise indicated, data were expressed as mean + SEM. p value less than 0.05 were considered significant.

(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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