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## eLife's transparent reporting form

We encourage authors to provide detailed information within their submission to facilitate the interpretation and replication of experiments. If you have any questions, please contact us: editorial@elifesciences.org.

## Sample-size estimation

You should state whether an appropriate sample size was computed when the study was being designed

	should state the statistical method of sample size computation and any uired assumptions
	o explicit power analysis was used, you should describe how you decided at sample (replicate) size (number) to use
	line where this information can be found within the submission (e.g., page r figure legends), or explain why this information doesn't apply to your n:
Replicates	
• You	should report how often each experiment was performed
	should include a definition of biological versus technical replication
pro	e data obtained should be provided and sufficient information should be vided to indicate the number of independent biological and/or technical licates
• If y	ou encountered any outliers, you should describe how these were adled
• Crit	eria for exclusion/inclusion of data should be clearly stated
ар	h-throughput sequence data should be uploaded before submission, with rivate link for reviewers provided (these are available from both GEO and ayExpress)
	line where this information can be found within the submission (e.g., page r figure legends), or explain why this information doesn't apply to your n:



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## Statistical reporting

- Statistical analysis methods should be described and justified
- Raw data should be presented in figures whenever informative to do so (typically when N per group is less than 10)
- 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)
- 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.
Please outline where this information can be found within the submission (e.g., page numbers or figure legends), or explain why this information doesn't apply to your submission:
(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 page numbers in the manuscript.)
<ul> <li>Additional data files ("source data")</li> <li>We encourage you to upload relevant additional data files, such as numerical data that are represented as a graph in a figure, or as a summary table</li> <li>Where provided, these should be in the most useful format, and they can be uploaded as "Source data" files linked to a main figure or table</li> <li>Include model definition files including the full list of parameters used</li> </ul>
<ul> <li>Include code used for data analysis (e.g., R, MatLab)</li> <li>Avoid stating that data files are "available upon request"</li> </ul>
Please indicate the figures or tables for which source data files have been provided: