***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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* High-throughput sequence data should be uploaded before submission, with a private link for reviewers provided (these are available from both GEO and ArrayExpress)

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* Statistical analysis methods should be described and justified
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Figure1, Figure2, Figure2-figure supplement1, Figure3, Figure3-figure supplement3, Figure3-figure supplement4, Figure4, Figure4-figure supplement1, Figure5, Figure5-figure supplement2, Figure6, Figure6-figure supplement1, Figure7.