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

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**Sample-size estimation**

* You should state whether an appropriate sample size was computed when the study was being designed
* You should state the statistical method of sample size computation and any required assumptions
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The sample-size estimation information can be found in the section of Materials and Methods: Animals.

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* You should include a definition of biological versus technical replication
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The statistical analysis methods were described in the Materials and Methods, and Results. The raw data were presented in the figures. The exact p-values were reported in the Results.

(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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All data in this study are included in <https://doi.org/10.5061/dryad.8gtht76nf>. Source data files have been provided for Figures 1, 3, 4, 5, 6, 7.