***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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No explicit power analysis was used. However, details pertaining to sample sizes for each experiment can be found in individual figures as well as in the Materials and Methods section of the manuscript.

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Information about biological and technical replicates can be found in the Materials and Methods section of the manuscript. Briefly, each experiment was performed on at least three biological replicates. We define biological replicate as animals generated from separate crosses. We did not exclude any outliers.

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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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Source data files have been provided for Figure 4, Figure 4-figure supplement 1 and 2, Figure 6 and Figure 6-figure supplement 1.