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**Sample-size estimation**

* You should state whether an appropriate sample size was computed when the study was being designed
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Information about sample-size determination appears in Materials and Methods / Statistics

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Information concerning the type, definition, and number of replicates, statement on data exclusion (none), occurs in Materials and Methods / Statistics.

**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.

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See Materials and Methods / Statistics for: (i) justification of statistical methods used, (ii) definition of center, (iii) measures of dispersion (which are also stated figure legends), and (iv) correction for multiple comparisons.

See Supplemental Table 1 for: statistical test used, effect or comparison tested, definition of units of replication, number of replicates, statistic value (*t* or *F*), degrees of freedom, *p* value, and effect size).

See legend, Supplemental Table 1 for: definitions of effect sizes.

See figure legends for: number of replicates tested in cases where these did not fit in Supplemental Table 1.

(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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Does not apply to this submission as test subjects (nematodes) are selected randomly perforce.

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Table 2