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* You should state whether an appropriate sample size was computed when the study was being designed
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Sample size are stated in main Results text, Supplementary Files, and indicated in Graphs. The Methods section and Results section also states the statistical tests used.

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* Statistical analysis methods should be described and justified
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* 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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Sample size and statistical evaluations are presented in main text, indicated within graphs (asterisk, etc.), and for additional clarification Supplementary Files are presented.

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* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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Some of the experiments were performed without knowing the genotype of the animal until after data acquisition and analysis. Animal age and gender varied over the course of the project. This is stated in Methods.

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