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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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* If no explicit power analysis was used, you should describe how you decided what sample (replicate) size (number) to use

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All statistical methods and sample sizes are included in the Methods, Results and Figure Legends. No statistical method was used to predetermine sample size when the study was being designed. However, sample size selection was same as our recent publications (e.g., Liu and Carter, 2018; McGarry and Carter, 2016).

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The numbers of replicates are stated throughout the Results and Figure Legends. All experiments were replicated in at least 3 animals, with at least 6 cells for descriptive statistics, 7 cells for paired comparisons. All data was included, with none excluded.

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* Statistical analysis methods should be described and justified
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The statistical tests are described in the Materials and Methods under Data Analysis and are similar to those used in our recent publications (e.g., Liu and Carter, 2018; McGarry and Carter, 2016). Raw data are presented in the figures whenever possible. Test results, including exact N and p-values, are reported throughout 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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