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

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Information on sample size estimation can be found in the Materials and Methods section (see Subjects).

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* Statistical analysis methods should be described and justified
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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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* 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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Information on group allocation can be found in the Materials and Methods section. Group allocation was done in a fully counterbalanced fashion and experimenters were blinded to treatment groups whenever possible.

**Additional data files (“source data”)**

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* Include model definition files including the full list of parameters used
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Please indicate the figures or tables for which source data files have been provided:

Numerical data generated from slice electrophysiology and behavioural studies are provided as Source Data Files 1 and 2, respectively. *In situ* hybridization cell counts are provided in a table in Figure 2.