***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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Sample size determination is described in the Materials and Methods section "Microscopy and data analysis section".

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* You should include a definition of biological versus technical replication
* The data obtained should be provided and sufficient information should be provided to indicate the number of independent biological and/or technical replicates
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We provide source data files for Figure 2, Figure 3, Figure 3-figure supplement 2, Figure 3-figure supplement 7, Figure 4, Figure 4-figure supplement 1, Figures 5 - 9 as supplementary tables.