***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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All experiments were quantitatively assessed using statistical methods described in the Methods section. No assumptions were made for sample size computation. At least 15 cells were assessed from independent experiments.

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* You should report how often each experiment was performed
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Experimental replicates refer to independent experiments set up on independent days or with independent reagent mixtures (i.e, biological replicates). The number of repeats are indicated in the figure legend. All data obtained are from a set of at least three independent repeats unless mentioned in figure legends. Outliers were not omitted except when less than 30% of kinetochores could be assessed for attachment status.

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