

*A simple biophysical model emulates budding yeast chromosome condensation*

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2016/ 5/ 6

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**Abstract:** The authors used a coarse-grained Brownian simulation of a budding yeast chromosome to explore chromatin behavior during chromosome condensation. Two-type intrachromosomal interactions by condensin were modeled. They compared the predictions from these simulations with 4C data on budding yeast chromosome 5. This study shows that stochastic pairwise interactions of a chromatin chain, mediated by condensin, provide a close fit to observed behavior in budding yeast.

**References:**

1. Tammy MK Cheng et al., [eLife \(2015\) 4 e05565](#).