

Author Correction

Testing pseudotopological and nontopological models for SMC-driven DNA loop extrusion against roadblock-traversal experiments (Scientific Reports, (2023), 13, 1, (8100), 10.1038/s41598-023-35359-2)

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Author Correction: Testing pseudotopological and nontopological models for SMC-driven DNA loop extrusion against roadblock-traversal experiments

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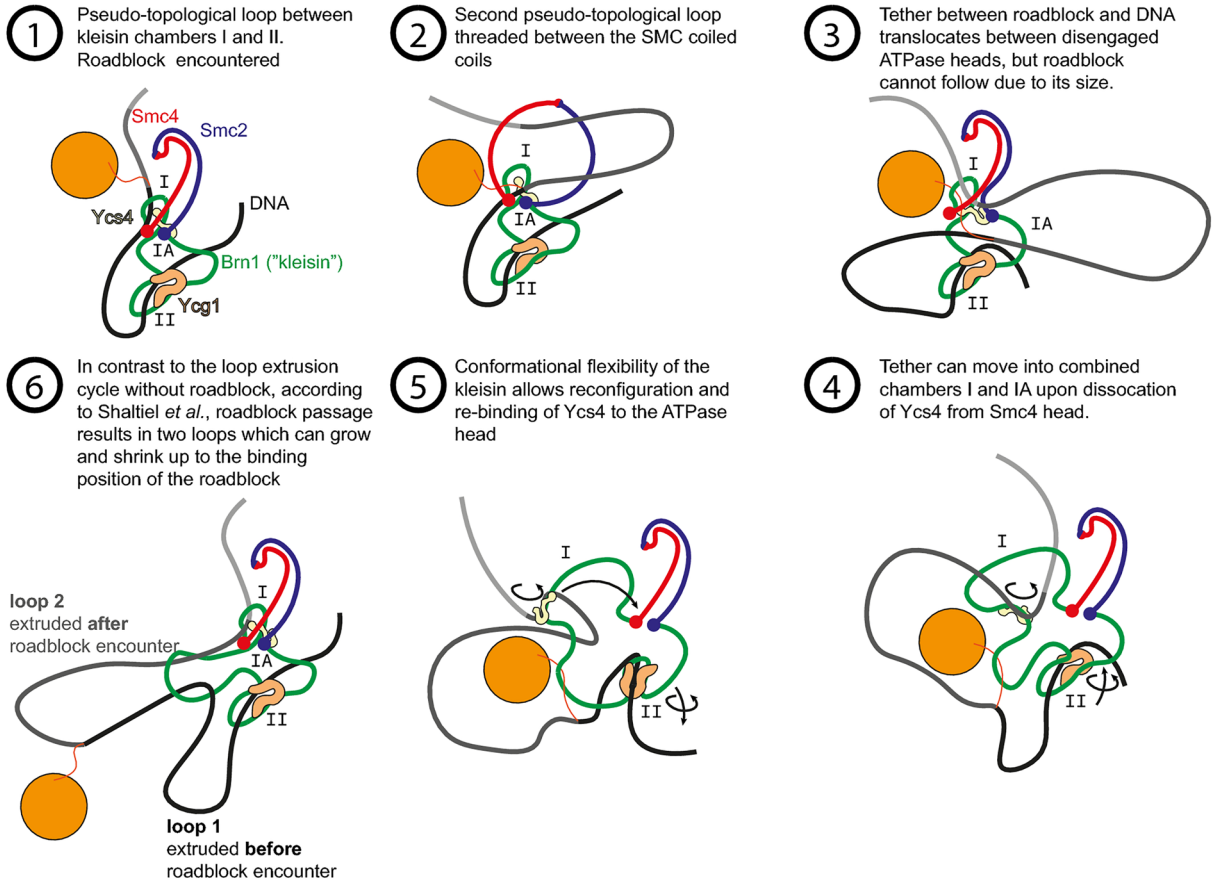
The original version of this Article contained an error in Figure 1b-1, where the fore- and background order of the strands “DNA” (in black) and “Brn1 Kleisin” (in green), were switched.

The original Figure 1 and accompanying legend appear below.

The original Article has been corrected.

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a Pseudotopological model



b Nontopological model

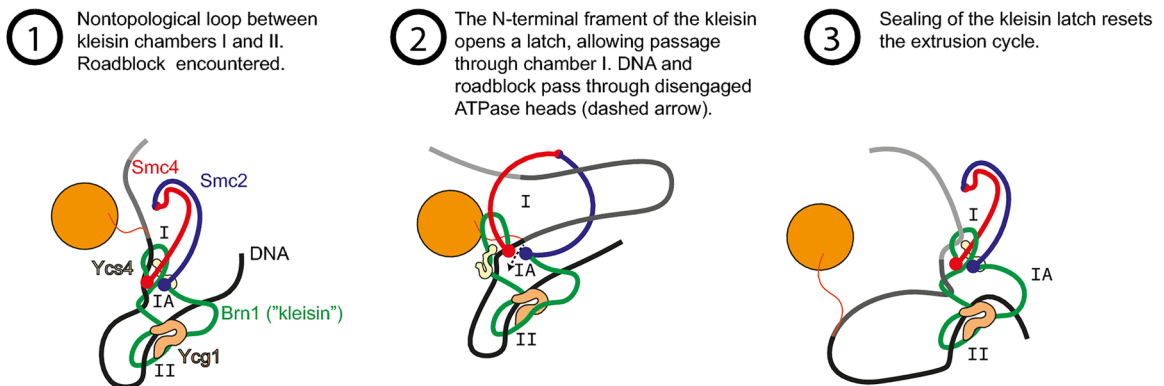


Figure 1. Description of the mechanism postulated by Shaltiel et al. for roadblock passage into an extruded loop on the DNA and a potential nontopological model. (a) The steps through the proposed DNA loop extrusion cycle are commented in more detail in steps 1–6 within the figure. Adapted from Ref.¹¹. (b) Potential nontopological model which is closely analogous to the pseudotopological model, but with a slight variation in the DNA-SMC topology which allows particle bypass.



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