## Special Section
### Synthetic Yeast Genome

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1048 Bug mapping and fitness testing of chemically synthesized chromosome X  
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W. Zhang et al.

1050 3D organization of synthetic and scrambled chromosomes  
G. Mercy et al.

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#### On the Cover
Illustration of a hypothetical yeast genome structure model encompassing all synthetic chromosomes (gold) completed to date (white, native chromosomes). One third of the chromosomes in the yeast genome have now been remodeled by the Synthetic Yeast Genome Project (Sc2.0). A three-dimensional model of the chromosomes was generated with the Hi-C method. An "envelope" (thick tube shapes) represents the population of chromosome-interacting molecules; translucent tips reveal a 30-nanometer fiber modeled inside. See page 1038.

Experimental data: RSG Group/Institut Pasteur; Data processing: J. Mozziconacci, R. Koszul, and J. D. Boeke; Illustration: Valerie Altounian/Science

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