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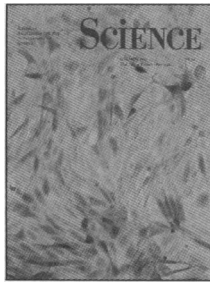
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**COVER** Site-specific recombination in mammalian cells. Transient expression of a yeast recombinase (FLP) in mammalian cells will either excise specific chromosomal sequences or target integration of extrachromosomal DNA to specific chromosomal sites. In this photomicrograph, excisional recombination permanently activated a chromosomally integrated  $\beta$ -galactosidase construct in the cells that contain a blue histochemical reaction product. See page 1351. [Photomicrograph by Stephen O'Gorman and Geoffrey Wahl]

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251 (4999)

*Science* 251 (4999), 1287-1377.

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