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COVER

Patterned maize kernels. Interruption of gene action by transposable elements underlies the red striping (*P* gene) in the kernel's outer layer and the purple spotting (*R* gene) in the next inner layer. The two systems of instability were combined in an analysis of the *R* gene. See page 1457. [Alaine Johnston and Charles Thomas, Laboratory of Genetics, University of Wisconsin, Madison]

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