

The electronic form of this issue, available as of January 11, 2008, at [www.plantphysiol.org](http://www.plantphysiol.org), is considered the journal of record.

**On the Cover:** The maize (*Zea mays*) genome is teeming with LTR retrotransposons. Transposable elements nest within one another to form repeat clusters, making identification and reconstruction of broken segments challenging. TEnest, presented in this issue by Kronmiller and Wise (pp. 45–59), is a Web-based and downloadable software package specifically designed for automated genome-wide annotation and visualization of nested plant transposable elements. Analysis of finished maize BAC contigs with TEnest shows LTR retrotransposons have experienced periods of rapid proliferation. The *Opie* phylogenetic tree displayed here reveals clades that also cluster based on millions of years since their insertion, indicating evolution of related LTR retrotransposons occurs within discrete time bursts.

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<sup>[C]</sup> Some figures in this article are displayed in color online but in black and white in the print edition.

<sup>[W]</sup> Indicates Web-only data.

<sup>[OA]</sup> Open Access articles can be viewed online without a subscription.