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Viral 'Star Wars'



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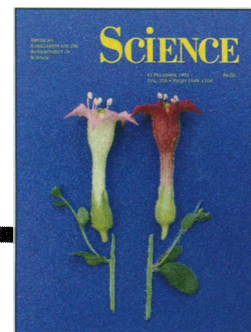
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Expression of the maize anthocyanin-specific transcriptional activator *R* in tobacco (flowers) and *Arabidopsis thaliana* (stems and leaves) increases anthocyanin (red pigment) biosynthesis in both species and trichome (hair) production in *Arabidopsis*. Wild-type samples

are on the left; those that express *R* are on the right. *R* functions in these heterologous species despite the evolutionary divergence of monocots and dicots and may prove to be a valuable visible marker in many plant species. See page 1773. [Photograph: Ted Preuss]



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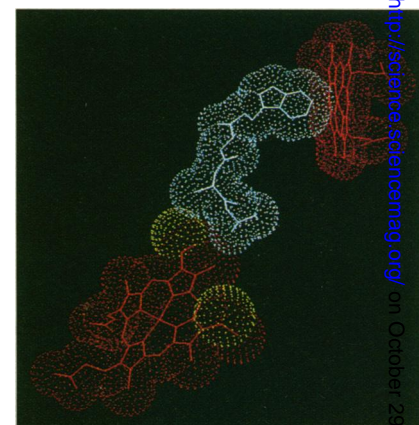
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1740 & 1748
Electron tunneling between proteins

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