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**On the Cover:** Transgenic potato (*Solanum tuberosum*) plants of the strict photoperiodic subsp. *andigena* with reduced expression of the Suc transporter StSUT4 develop an early-flowering phenotype and produce tubers even under noninductive long-day conditions. Early flowering and tuberization are accompanied by loss of shade avoidance response and insensitivity toward far-red-enriched light, suggesting that StSUT4 might be involved in the transmission of a photoreceptor-mediated signal further downstream. See Chincinska et al. (pp. 515–528).

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