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On the Cover: Arabidopsis heterotrimeric G-protein subunits have differential roles in the modulation of cell division in roots. In the root apical meristem, the heterotrimer complex (G\(_{\text{abg}}\)) is an attenuator of cell proliferation, whereas the activated G\(_a\) (GTP-bound G\(_a\)) is a positive modulator. Arabidopsis regulator of G-protein signaling (RGS) is a seven-transmembrane protein with a functional RGS box that accelerates the intrinsic GTPase activity of G\(_a\). For the formation of lateral root, the G\(_{\text{bg}}\) dimer acts largely independently of G\(_a\) to negatively regulate cell division (Chen et al., pp. 887–897). Cover design by Alan Jones and Jin-Gui Chen.

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CORRECTION


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