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On the cover: Plants respond dynamically to pathogen threats. The *Arabidopsis* plasma membrane proteome was profiled upon activation of the disease resistance protein RPS2. On the left is a healthy plant while on the right is a diseased plant that has been infected with *Pseudomonas syringae* pv. *tomato*. For details, detail, see article by Elmore *et al.*, pages M111.014555. 1–13.

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