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On the cover: A novel methodology for sequencing integral membrane proteins. The innovation includes timed in-solution digestions with Lys-C/chymotrypsin, sequential extraction with two solid-phase supports and analysis using high-resolution mass spectrometry. This method enabled detection of peptides covering 93% and de novo sequencing of 62% of the transmembrane domain sequence of the $\alpha 1$ subunit from 2 pmoles of brain GABA_A receptor. For details, see article by Zi-Wei Chen *et al.*, pages M111.011445, 1–18.

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