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On the cover: Utilizing a sequence of lectins and glycosidases in an experimental procedure known as on-chip glycan modification and probing (on-chip gmap), it is possible to derive information about linkage location and type. When analyzed with the GlycanSolver algorithm, it is possible to integrate these results with mass spectrometry information to solve for complex mixtures of glycans with low sample amounts. For details, see the article by Klamer *et al.*, pages

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