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Immunofluorescent confocal microscopy was used, by Mathur and colleagues (beginning on page 563), to examine the effect of reintroducing wild-type Protein Tyrosine Kinase 6 (PTK6) into the SW620 metastatic colon cancer cell line. SW620 cells have lost epithelial characteristics as well as expression of PTK6. Reintroduction of PTK6 restores an epithelial phenotype as demonstrated by robust expression of E-Cadherin at cell-cell contacts (red: E-Cadherin, blue: DAPI).
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