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During development of the Drosophila compound eye, the correct specification of many different cell types depends on the signaling activity of the Notch receptor protein. In the larval eye imaginal disc, expression of a truncated, nuclear form of Notch (green) prevents cells from differentiating as neurons (red). See page 225 and other related Articles beginning on page 221 in this special issue on signal transduction. [Image: M. E. Fortini and S. Artavanis-Tsakonas]

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