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The Drosophila wing imaginal disc (~300 micrometers wide) is divided into two populations of cells: those expressing the signaling protein Hedgehog (Hh) (posterior, stained red) and those responsive to Hh (to the left). The zinc-finger protein Cubitus interruptus in anterior cells (stained green) maintains this difference between the populations by preventing the production of, and conferring competence to, the Hh signal. See page 1621 and the related report (page 1668) and News story (page 1583).

[Image: M. Dominguez, M. Brunner, E. Hafen, and K. Basler]
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