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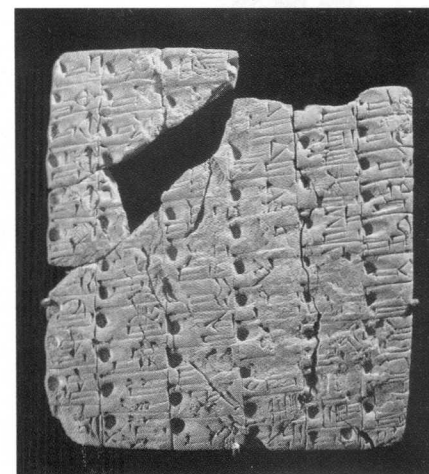
## BREVIAS

- 54 Conditional Mutagenesis in *Drosophila*  
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A powerful genetic technique allows dissection of gene activity at different times and locations in the *Drosophila* fruit fly.

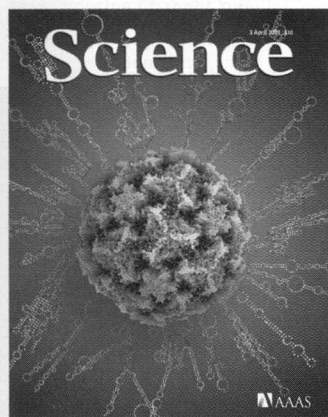
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## COVER

QuiteMol-rendered image of human rhinovirus 3 (Protein Data Bank ID: 1rhi) illustrating virion topography. Red, blue, and yellow denote the three major surface capsid proteins; examples of RNA regional motifs are colored according to predicted base-pairing fidelity. Sequence diversity within the major surface proteins contributes to the wide range of immunogenic serotypes characteristic of the "common cold." See page 55.

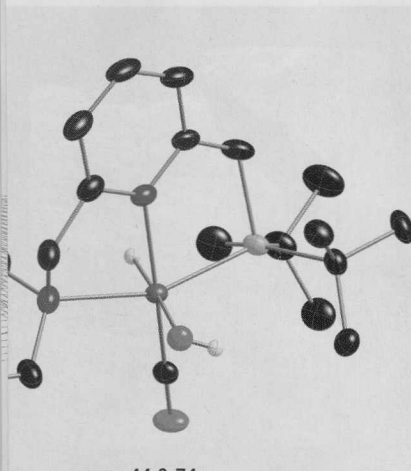
Image: H. Adam Steinberg and Jean-Yves Sgro/  
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- 55 Sequencing and Analyses of All Known Human Rhinovirus Genomes Reveal Structure and Evolution**  
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- 67 A Bipedal DNA Brownian Motor with Coordinated Legs**  
T. Omabegho et al.  
A unidirectional DNA walker is constructed and shown to walk a full cycle along a DNA track.  
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- 71 Iron-Based Catalysts with Improved Oxygen Reduction Activity in Polymer Electrolyte Fuel Cells**  
M. Lefèvre et al.  
Iron-based catalysts now rival traditional platinum fuel-cell catalysts.  
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- 74 Consecutive Thermal H<sub>2</sub> and Light-Induced O<sub>2</sub> Evolution from Water Promoted by a Metal Complex**  
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- 109 Widespread Changes in Synaptic Markers as a Function of Sleep and Wakefulness in *Drosophila***  
G. F. Gilestro et al.  
In *Drosophila*, neural connection proteins increase their expression after wakefulness and decrease it after sleep.  
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