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COVER
The ability to publish papers and underlying data in full on the Internet is changing how scientists communicate. However, trust in the integrity of submissions and in peer reviewers is being tested by a recent disruptive change: open access. In a special section, Science probes the dramatic shifts in the landscape of scientific communication. See page 56.

Image: David Plunkert
RESEARCH ARTICLES

84 Integrative Annotation of Variants from 1092 Humans: Application to Cancer Genomics
E. Khurana et al.
Regions under strong selection in the human genome identify noncoding regulatory elements with possible roles in disease. Research Article Summary; for full text: http://dx.doi.org/10.1126/science.1235587

85 Mice Genetically Deficient in Vasopressin V1a and V1b Receptors Are Resistant to Jet Lag
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95 Ultrathin, Molecular-Sieving Graphene Oxide Membranes for Selective Hydrogen Separation
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104 Following Gene Duplication, Paralog Interference Constrains Transcriptional Circuit Evolution
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