NEWS & COMMENT

Salk: Under New Management

New Satellite Puts Japan in Top Tier of Remote Sensing

Promega Wins Round in Fight Over Taq

Russian Science: Fortov Named to New Post; Saltykov Out

More Monkey Business Alleged at NYU

Mars Missions: 2003 Is Earliest to Retrieve Samples

Scientists Plan Mercury Probe and Earth Satellite Campaign

RESEARCH NEWS

Life's Last Domain

Exploring Biodiversity's Benefits

Getting Familiar With the Top Quark

Lattices May Put Security Codes on a Firmer Footing

Galileo Gazes at Jupiter and Its Moons

DEPARTMENTS

THIS WEEK IN SCIENCE

EDITORIAL

Mortgaging Science's Future

A. G. Kraut

LETTERS

"Environmental Estrogens": A. M. Shapiro • German Education: W. Zeman; S. Brody; M. Philipp • Turbulence Hits Wall: C. Sleicher; A. E. Perry • California Civil Rights: Stealth Clause: L. Johns • Streetcar Theory and Long-Term Evolution: P. Hammerstein

PERSPECTIVES

Volcanic Dilemma: Flow or Blow?

D. B. Dingwell

An Excellent Lightness

T. D. Albright

Small Nucleolar RNAs Guide Ribosomal RNA Methylation

D. Tollery

ARTICLE

Complete Genome Sequence of the Methanogenic Archaeon, Methanococcus jannaschii


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The genome of Methanococcus jannaschii is the first one of the Archaea domain that has been completed by whole-genome shotgun sequencing at The Institute for Genomic Research. This provides the first opportu-

tunity for large-scale comparisons of the genetic components from all principal domains—Eukaryotes, Bacteria, and Archaea. See the article on page 1058 and the News story on page 1043.