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As humans and mice look at each other through the eyes of the Human Genome Project, their similarities, which make the mouse a key model system, are more important than their differences. In this issue, a chart highlighting the similarity between the two genomes and showing the fusion of two mouse genome maps is presented on page 67, along with an accompanying Article (page 57); a Policy Forum, Perspectives, and a News report indicate future challenges for the Genome Project. [Illustration: Susan Nowoslawski, Washington, DC]

REPORTS

Inclined-Field Structure, Morphology, and Pinning of the Vortex Lattice in Microwinned YBa2Cu3Oy
B. Keimer, F. Dogan, I. A. Aksay, R. W. Erwin, J. W. Lynn, M. Sarikaya

Anatomy of the Photodissociation Region in the Orion Bar

Protein Ladder Sequencing
B. T. Chait, R. Wang, R. C. Beavis, S. B. H. Kent

Early Cambrian Ostracode Larvae with a Univalved Carapace
X.-g. Zhang and B. R. Pratt

Deep and Bottom Water of the Weddell Sea’s Western Rim
A. L. Gordon, B. A. Huber, H. H. Hellmer, A. Field

Pressure-Induced Enhancement of Tc Above 150 K in Hg-1223
M. Nuñez-Regueiro, J.-L. Tholence, E. V. Antipov, J.-J. Capponi, M. Maregio

Protein Enhancement of Hammerhead Ribozyme Catalysis
Z. Tsuchihashi, M. Khosla, D. Herschlag

Interaction of Mammalian Splicing Factor SF3a with U2 snRNP and Relation of Its 60-kD Subunit to Yeast PRP9
R. Brosi, K. Gröning, S.-E. Behrens, R. Lührmann, A. Krämer

Correspondence Between a Mammalian Spliceosome Component and an Essential Yeast Splicing Factor
M. Bennett and R. Reed

Interaction Between PRP11 and SPP91
Yeast Splicing Factors and Characterization of a PRP9-PRP11-SPP91 Complex
P. Legrain and C. Chapon

Ordered Restriction Maps of Saccharomyces cerevisiae Chromosomes Constructed by Optical Mapping

Erythrocyte P Antigen: Cellular Receptor for B19 Parvovirus
K. E. Brown, S. M. Anderson, N. S. Young

In Vivo Gene Therapy of Hemophilia B: Sustained Partial Correction in Factor IX–Deficient Dogs

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