

RESEARCH

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| <p>Complete Genomic Sequence and Analysis of 117 kb of Human DNA Containing the Gene <i>BRCA1</i></p> | <p>Todd M. Smith, Ming K. Lee, Csilla I. Szabo, Nicole Jerome, Mark McEuen, Matthew Taylor, Leroy Hood, and Mary-Claire King</p> | <p>1029</p> |
| <p>A Nonsense Mutation in the Cathepsin K Gene Observed in a Family with Pycnodysostosis</p> | <p>Maureen R. Johnson, Mihael H. Polymeropoulos, Hans L. Vos, Rosa Isela Ortiz de Luna, and Clair A. Francomano</p> | <p>1050</p> |
| <p>Long-range Map of a 3.5-Mb Region in Xp11.23-22 with a Sequence-ready Map from a 1.1-Mb Gene-rich Interval</p> | <p>Dirk Schindelhauer, Heide Hellebrand, Lena Grimm, Ingrid Bader, Thomas Meitinger, Manfred Wehnert, Mark Ross, and Alfons Meindl</p> | <p>1056</p> |
| <p>Novel Susceptibility Locus for Mouse Hepatomas: Evidence for a Conserved Tumor Suppressor Gene</p> | <p>Jean C. Zenklusen, Lewis V. Rodriguez, Margaret LaCava, Zhi Wang, Lawrence S. Goldstein, and Claudio J. Conti</p> | <p>1070</p> |

LETTERS

-
- | | | |
|--|---|--------------------|
| <p>The Exon Structure of the Mouse <i>Scf</i> Gene Is Very Similar to the Mouse <i>Sparc</i> Gene</p> | <p>Peter J. McKinnon, Manuela Kapsetaki, and Robert F. Margolskee</p> | <p>1077</p> |
| <p>Alu Fossil Relics—Distribution and Insertion Polymorphism</p> | <p>Santosh S. Arcot, Aaron W. Adamson, Jane E. Lamerdin, Brian Kanagy, Prescott L. Deininger, Anthony V. Carrano, and Mark A. Batzer</p> | <p>1084</p> |
| <p>Mapping the <i>RP2</i> Locus for X-linked Retinitis Pigmentosa on Proximal Xp: A Genetically Defined 5-cM Critical Region and Exclusion of Candidate Genes by Physical Mapping</p> | <p>Dawn L. Thiselton, R. Mark Hampson, Manimekelei Nayudu, Lionel Van Maldergem, Mitchel L. Wolf, Bratin K. Saha, Shomi S. Bhattacharya, and Alison J. Hardcastle</p> | <p>1093</p> |

(continued)

Isolation and Characterization of the Mouse Cystatin B Gene	Len A. Pennacchio and Richard M. Myers	1103
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GENOME METHODS

Lane Tracking Software for Four-color Fluorescence-based Electrophoretic Gel Images	Matthew L. Cooper, David R. Maffitt, Jeremy D. Parsons, LaDeana Hillier, and David J. States	1110
End Sequence Determination from Large Insert Clones Using Energy Transfer Fluorescent Primers	Marco Marra, Lori A. Weinstock, and Elaine R. Mardis	1118
A Simple and Efficient Method for Making Site-directed Mutants, Deletions, and Fusions of Large DNA Such as Pl and BAC Clones	Jan Borén, Isabelle Lee, Matthew J. Callow, Edward M. Rubin, and Thomas L. Innerarity	1123

Product News	1131
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COVER Genomic sequence and analysis of 117 kb of human DNA containing the *BRCA1* gene. (For details, see Smith et al., p. 1029.)