

PERSPECTIVE

- | | | |
|--|----------------|----|
| The Human Genome Project and
Molecular Anthropology | Mark Stoneking | 87 |
|--|----------------|----|

RESEARCH

- | | | |
|--|--|-----|
| Confirmation of Quantitative Trait Loci for
Ethanol Sensitivity in Long-Sleep and
Short-Sleep Mice | Paul D. Markel, Beth Bennett,
Mary Beeson, Lena Gordon, and
Thomas E. Johnson | 92 |
| Isolation of Chromosome-Specific ESTs by
Microdissection-Mediated cDNA Capture | Edgardo Gracia, Michael E. Ray,
Mihael H. Polymeropoulos,
Anindya Dehejia, Paul S. Meltzer,
and Jeffrey M. Trent | 100 |
| Mapping in the Region of Danforth's Short Tail
and the Localization of Tail Length Modifiers | Jane B. Alfred, Kellie Rance,
Benjamin A. Taylor,
Sandra J. Phillips,
Catherine M. Abbott, and
Ian J. Jackson | 108 |
| Isolation of cDNAs from the Cri-du-chat Critical
Region by Direct Screening of a Chromosome 5-
Specific cDNA Library | Andrew D. Simmons,
Joan Overhauser, and
Michael Lovett | 118 |
| Cloning and Characterization of Two Vertebrate
Homologs of the <i>Drosophila eyes absent</i> Gene | John E. Zimmerman, Quang T. Bui,
Eiríkur Steingrímsson,
Deborah L. Nagle, Weili Fu,
Anna Genin, Nancy B. Spinner,
Neal G. Copeland, Nancy A. Jenkins,
Maja Bucan, and Nancy M. Bonini | 128 |
-

LETTERS

- | | | |
|---|---|-----|
| Identification of a Conserved Family of
<i>Meis1</i> -Related Homeobox Genes | Scott Steelman, John J. Moskow,
Karen Muzynski, Charlotte North,
Teresa Druck,
Jeffrey C. Montgomery, Kay Huebner,
Ira O. Daar, and
Arthur M. Buchberg | 142 |
| The Human Reelin Gene: Isolation, Sequencing,
and Mapping on Chromosome 7 | Udaya DeSilva,
Gabriella D'Arcangelo,
Valerie V. Braden, June Chen,
Graham G. Miao, Tom Curran, and
Eric D. Green | 157 |

GENOME METHODS

- | | | |
|--|--|-----|
| Methods for Precise Sizing, Automated Binning
of Alleles, and Reduction of Error Rates in
Large-Scale Genotyping Using Fluorescently
Labeled Dinucleotide Markers | Soumitra Ghosh,
Zarir E. Karanjawala,
Elizabeth R. Hauser, Delphine Ally,
Julie I. Knapp, Joseph B. Rayman,
Anjene Musick, Joyce Tannenbaum,
Catherine Te, Shane Shapiro,
William Eldridge, Tiffany Musick,
Colin Martin, Jeffrey R. Smith,
John D. Carpten,
Michael J. Brownstein,
John I. Powell, Raymond Whiten,
Peter Chines, Stella J. Nylund,
Victoria L. Magnuson,
Michael Boehnke, Francis S. Collins,
and the FUSION (Finland-U.S.
Investigation of NIDDM Genetics)
Study Group | 165 |
| Retrofitting Vectors for <i>Escherichia coli</i> -Based
Artificial Chromosomes (PACs and BACs) with
Markers for Transfection Studies | José E. Mejía and
Anthony P. Monaco | 179 |

Product News

187

COVER Analysis of two vertebrate homologs of the *Drosophila eyes absent* gene. Shown are the sequence lineups of the homology domains ED1 and ED2 of the fly, human, and mouse homologs. (For details, see Zimmerman et al., p. 128.)