PERSPECTIVE

The Human Genome Project and Molecular Anthropology
Mark Stoneking

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

Isolation of Chromosome-Specific ESTs by Microdissection-Mediated cDNA Capture
Edgardo Gracia, Michael E. Ray, Mihael H. Polymeropoulos, Anindya Deheja, Paul S. Meltzer, and Jeffrey M. Trent

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

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

Cloning and Characterization of Two Vertebrate Homologs of the Drosophila eyes absent Gene
John E. Zimmerman, Quang T. Bui, Eirikur Steingrimsson, Deborah L. Nagle, Weili Fu, Anna Genin, Nancy B. Spinner, Neal G. Copeland, Nancy A. Jenkins, Maja Bucan, and Nancy M. Bonini

(continued)
Identification of a Conserved Family of *Meis1*-Related Homeobox Genes


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

Methods for Precise Sizing, Automated Binning of Alleles, and Reduction of Error Rates in Large-Scale Genotyping Using Fluorescently Labeled Dinucleotide Markers


Retrofitting Vectors for *Escherichia coli*-Based Artificial Chromosomes (PACs and BACs) with Markers for Transfection Studies

José E. Mejía and Anthony P. Monaco

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.)