

REVIEW

- Molecular Dissection of Quantitative Traits:
Progress and Prospects Andrew H. Paterson 321

RESEARCH PAPERS

- A Radiation Hybrid Map of 40 Loci for the
Distal Long Arm of Human Chromosome 8 Tracey B. Lewis, Lesa Nelson, Ken
Ward, and Robin J. Leach 334
- An Integrated Map of Human
Chromosome 6p23 Mark G. Olavesen, Angela F. Davies, 342
S. John Broxholme, Joanne L.
Wixon, Gabrielle Senger, Dean
Nizetic, R. Duncan Campbell, and
Jiannis Ragoussis
- Chromosomal Localization and Expressed
Sequence Tag Generation of Clones from a
Normalized Human Adult Thymus
cDNA Library Jane E. Lamerdin, Raghbir S. 359
Athwal, Mala S. Kansara, Arbansjit
K. Sandhu, Sankhavaram R.
Patanjali, Sherman M. Weissman,
and Anthony V. Carrano
- Refined Localization of the Cerebral Cavernous
Malformation Gene (*CCM1*) to a 4-cM Interval of
Chromosome 7q Contained in a Well-defined
YAC Contig Eric W. Johnson, Leslie M. Iyer, 368
Stephen S. Rich, Harry T. Orr,
Antonio Gil-Nagel, Janice H.
Kurth, Joseph M. Zabramski,
Douglas A. Marchuk, Jean
Weissenbach, Carol L. Clericuzio,
Larry E. Davis, Blaine L. Hart, James
F. Gusella, Barry E. Kosofsky, David
N. Louis, Leslie A. Morrison, Eric D.
Green, and James L. Weber
- Generation of a High-resolution Genetic Map
and a YAC Contig of the Lurcher Locus on
Mouse Chromosome 6 Jian Zuo, Philip L. De Jager, 381
Deborah J. Norman, and Nathaniel
Heintz

(continued)

PCR METHODS AND APPLICATIONS

An Infrared Fluorescent dATP for Labeling DNA	David L. Steffens, Gi Y. Jang, Scott L. Sutter, John A. Brumbaugh, Lyle R. Middendorf, Klaus Mühlegger, Elaine R. Mardis, Lori A. Weinstock, and Richard K. Wilson	393
RNA-primed PCR	Hiroki Shibata, Tomoko Tahira, and Kenshi Hayashi	400
A Highly Efficient Procedure for Site-specific Mutagenesis of Full-length Plasmids Using <i>Vent</i> DNA Polymerase	Sridhar Byrappa, Denise K. Gavin, and Kailash C. Gupta	404
Differential Subsequence Conservation of Interspersed Repetitive <i>Streptococcus pneumoniae</i> BOX Elements in Diverse Bacteria	Thearith Koeuth, James Versalovic, and James R. Lupski	408
Product News		419

COVER Chromosome 6p23 map—FISH analysis of YAC and cosmid clones. (For details, see Olavesen et al., p. 342.)