

RESEARCH

Mapping Expressed Sequence Tag Sites on Yeast Artificial Chromosome Clones of <i>Arabidopsis thaliana</i> DNA	Francis D. Agyare, Deval A. Lashkari, Apostolos Lagos, Allen F. Namath, Gus Lagos, Ronald W. Davis, and Bertrand Lemieux	1
Identification and Localization of the Gene for EXTL, a Third Member of the Multiple Exostoses Gene Family	Carol A. Wise, Gregory A. Clines, Hillary Massa, Barbara J. Trask, and Michael Lovett	10
A Region of Mouse Chromosome 16 Is Syntenic to the DiGeorge, Velocardiofacial Syndrome Minimal Critical Region	Naomi Galili, H. Scott Baldwin, Jim Lund, Roger Reeves, Weilong Gong, Zhili Wang, Bruce A. Roe, Beverly S. Emanuel, Sudhir Nayak, Craig Mickanin, Marcia L. Budarf, and Clayton A. Buck	17
4.5-Mb YAC STS Contig at 50-kb Resolution, Spanning Xq25 Deletions in Two Patients with Lymphoproliferative Syndrome	Giovanni Porta, Sandra MacMillan, Ramaiah Nagaraja, Steven Mumm, Ileana Zucchi, Giuseppe Pilia, Shirong Maio, Terence Featherstone, and David Schlessinger	27
Telomeric Organization of a Variable and Inducible Toxin Gene Family in the Ancient Eukaryote <i>Giardia duodenalis</i>	Peter Upcroft, Nanhua Chen, and Jacqueline A. Upcroft	37
Gene Identification in 1.6-Mb Region of the Down Syndrome Region on Chromosome 21	Miki Ohira, Naohiko Seki, Takahiro Nagase, Emiko Suzuki, Nobuo Nomura, Osamu Ohara, Masahira Hattori, Yoshiyuki Sakaki, Toshihiko Eki, Yasufumi Murakami, Toshiyuki Saito, Hitoshi Ichikawa, and Misao Ohki	47



LETTERS

- | | | |
|---|---|--|
| A Collection of 1814 Human Chromosome 7-Specific STSs | Gerard G. Bouffard, Leslie M. Iyer, Jacquelyn R. Idol, Valerie V. Braden, Aimee F. Cunningham, Lauren A. Weintraub, Rose M. Mohr-Tidwell, Dale C. Peluso, Robert S. Fulton, Mary P. Leckie, and Eric D. Green | 59
 |
| Incognito rRNA and rDNA in Databases and Libraries | Iris L. Gonzalez and James E. Sylvester | 65 |
| Identification and Analysis of Expression of Human <i>VACM-1</i>, a Cullin Gene Family Member Located on Chromosome 11q22-23 | Philip J. Byrd, Tatjana Stankovic, Carmel M. McConville, Alexandra D. Smith, Paul R. Cooper, and A. Malcolm R. Taylor | 71 |
| A Chromosome-Specific Microdissected Library Increases Marker Density on Bovine Chromosome 1 | Tad S. Sonstegard, F. Abel Ponce de León, Craig W. Beattie, and Steven M. Kappes | 76
 |

GENOME METHODS

- | | | |
|--|---|-----------|
| High-Throughput Microsatellite Analysis Using Fluorescent dUTPs for High-Resolution Genetic Mapping of the Mouse Genome | Michael Rhodes, Andrew Dearlove, Richard Straw, Supem Fernando, Andy Evans, Marc Greener, Tregaye Lacey, Maria Kelly, Keith Gibson, Steve D.M. Brown, and Chris Mundy | 81 |
|--|---|-----------|



Articles labeled with this symbol have additional data presented electronically on the journal's WWW site found at <http://www.cshl.org/gr> (follow the links from "online supplements.")

COVER *Giardia duodenalis*. *CRP136* mRNA induction in *G. duodenalis* is under the control of a telomerically regulated position effect that evolved early in the eukaryotic lineage. (For details, see Upcroft et al., p. 37.)