## REVIEW

### Around the Genomes

**The C. elegans Genome Sequencing Project**

Mary Berks and the *C. elegans* Genome Mapping and Sequencing Consortium

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## RESEARCH PAPERS

1. **Evidence of a Predisposing Locus to Bipolar Disorder on Xq24–q27.1 in an Extended Finnish Pedigree**
   - Petra Pekkarinen, Joseph Terwilliger, Per-Erik Bredbacka, Jouko Lönnqvist, and Leena Peltonen

2. **Organization and Promoter Analysis of the Mouse *Dishevelled-I* Gene**
   - Nardos Lijam and Daniel J. Sussman

3. **The Organization of the Human Immunoglobulin \( \lambda \) Gene Locus**
   - Kazuhiko Kawasaki, Shinsei Minoshima, Kevin Schooler, Jun Kudoh, Shuichi Asakawa, Pieter J. de Jong, and Nobuyoshi Shimizu

4. **Statistical Methods for Polyploid Radiation Hybrid Mapping**
   - Kenneth Lange, Michael Boehnke, David R. Cox, and Kathryn L. Lunetta

5. **Experimental Design and Error Detection for Polyploid Radiation Hybrid Mapping**
   - Kathryn L. Lunetta, Michael Boehnke, Kenneth Lange, and David R. Cox

6. **A Biometrical Genome Search in Rats Reveals the Multigenic Basis of Blood Pressure Variation**

7. **BEAUTY: An Enhanced BLAST-based Search Tool That Integrates Multiple Biological Information Resources into Sequence Similarity Search Results**
   - Kim C. Worley, Brent A. Wiese, and Randall F. Smith

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### PCR METHODS AND APPLICATIONS

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**COVER**  The C. elegans genome project. ACEDB output of intron/exon structure of predicted gene. (For detail, see Berks et al., p. 99.)