RESEARCH PAPERS

Karyotype Distributions in a Stochastic Model of Reciprocal Translocation
David Sankoff and Vincent Ferretti 1

High-quality Automated DNA Sequencing Primed with Hexamer Strings
Muhammad A. Lodhi and W. Richard McCombie 10

A Physical Map of Chromosome 2 of Arabidopsis thaliana
Eve Ann Zachgo, Ming Li Wang, Julia Dewdney, David Bouchez, Christine Camilleri, Stephen Belmonte, Lu Huang, Maureen Dolan, and Howard M. Goodman 19

Transcriptional Map of the Treacher Collins Candidate Gene Region
Stacie K. Loftus, Jill Dixon, Kathryn Koprivnikar, Michael J. Dixon, and John J. Wasmuth 26

LETTERS

Identification of 4370 Expressed Sequence Tags from a 3'-End-specific cDNA Library of Human Skeletal Muscle by DNA Sequencing and Filter Hybridization

Structural Organization of the WD Repeat Protein-encoding Gene HIRA in the DiGeorge Syndrome Critical Region of Human Chromosome 22
Stéphanie Lorain, Suzanne Demczuk, Valérie Lamour, Steve Toth, Alain Aurias, Bruce A. Roe, and Marc Lipinski 43

GENOME METHODS

PCR–LIS–SSCP (Low Ionic Strength Single-stranded Conformation Polymorphism)—A Simple Method for High-resolution Allele Typing of HLA–DRBI, –DQBI, and –DPBI
Etsuko Maruya, Hiroh Saji, and Sigeki Yokoyama 51

(continued)
Long RT-PCR of the Entire 8.5-kb *NFI* Open Reading Frame and Mutation Detection on Agarose Gels

Jennifer M. Martinez, Heidi Huntsman Breidenbach, and Richard Cawthon

Product News