

## REVIEW

---

Livestock Genomics Comes of Age    Michel Georges and Leif Andersson    **907**

## RESEARCH

---

- Transcriptional Analysis of the Candidate Region for Incontinentia Pigmenti (IP2) in Xq28    Ute C. Rogner, Nina S. Heiss, Petra Kioschis, Stefan Wiemann, Bernhard Korn, and Annemarie Poustka    **922**
- An Ordered Yeast Artificial Chromosome Library Covering Over Half of Rice Chromosome 6    Yosuke Umehara, Hiroshi Tanoue, Nori Kurata, Ikuo Ashikawa, Yuzo Minobe, and Takuji Sasaki    **935**
- An Integrated YAC Map of the Human X Chromosome    Hugues Roest Crollius, Mark T. Ross, Andrei Grigoriev, Catherine J. Knights, Ele Holloway, Joseph Misfud, Kim Li, Martin Playford, Simon G. Gregory, Sean J. Humphray, Alison J. Coffey, Chee Gee See, Sharon Marsh, Radost Vatcheva, Johan Kumlien, Tullio Labella, Veronica Lam, Karl H. Rak, Kieran Todd, Richard Mott, D'vorah Graeser, Gudrun Rappold, Gunther Zehetner, Annemarie Poustka, David R. Bentley, Anthony P. Monaco, and Hans Lehrach    **943**
- Bovine Natural Resistance Associated Macrophage Protein 1 (*Nramp1*) Gene    Jianwei Feng, Yujing Li, Mahmoud Hashad, Erwin Schurr, Philippe Gros, L. Garry Adams, and Joe W. Templeton    **956**
- An Expanded CAG Repeat Sequence in Spinocerebellar Ataxia Type 7    Kerstin Lindblad, Marja-Liisa Savontaus, Giovanni Stevanin, Monica Holmberg, Kathleen Digre, Cecilia Zander, Henrik Ehrsson, Gilles David, Ali Benomar, Eeva Nikoskelainen, Yvon Trottier, Gösta Holmgren, Louis J. Ptacek, Anu Anttinen, Alexis Brice, and Martin Schalling    **965**

(continued)

## LETTERS

---

- |  |  |     |
|--|--|-----|
| Site-selected Mutagenesis of the <i>Drosophila</i> Second Chromosome via Plasmid Rescue of Lethal P-element Insertions | Yiquan Guo, Ann Gillan, Tibor Török, Istvan Kiss, Julian A.T. Dow, and Kim Kaiser  | 972 |
| Fine Structure of the Human Galactokinase <i>GALK1</i> Gene  | Derk J. Bergsma, Yunjun Ai, William R. Skach, Kristin Nesburn, Elizabeth Anoaia, Stephanie Van Horn, and Dwight Stambolian | 980 |

## GENOME METHODS

---

- |  |   |      |
|--|---|------|
| Real Time Quantitative PCR   | Christian A. Heid, Junko Stevens, Kenneth J. Livak, and P. Mickey Williams  | 986  |
| A Novel Method for Real Time Quantitative RT-PCR   | Ursula E.M. Gibson, Christian A. Heid, and P. Mickey Williams   | 995  |
| Utilization of FISH in Positional Cloning: An Example on 13q22   | Maris Laan, Juha Isosomppi, Tuomas Klockars, Leena Peltonen, and Aarno Palotie  | 1002 |
| Use of a Fluorescent-PCR Reaction to Detect Genomic Sequence Copy Number and Transcriptional Abundance | Pei-Wen Chiang, Woo-Joo Song, Kai-Yuan Wu, Julie R. Korenberg, Eric J. Fogel, Margaret L. Van Keuren, Deval Lashkari, and David M. Kurnit | 1013 |

**COVER** Transcriptional map of the incontinentia pigmenti (IP2) candidate region. (For details, see Rogner et al., p. 922.)