

Contents

Research papers

- A mechanism for TAFs in transcriptional activation: activation domain enhancement of TFIID–TFIIA–promoter DNA complex formation** 995
Paul M. Lieberman and Arnold J. Berk
- RXR α mutant mice establish a genetic basis for vitamin A signaling in heart morphogenesis** 1007
Henry M. Sucof, Emily Dyson, Connie L. Gumeringer, Jennifer Price, Kenneth R. Chien, and Ronald M. Evans
- Targeted disruption of the neurofibromatosis type-1 gene leads to developmental abnormalities in heart and various neural crest-derived tissues** 1019
Camillynn I. Brannan, Archibald S. Perkins, Kristine S. Vogel, Nancy Ratner, Michael L. Nordlund, Susan W. Reid, Arthur M. Buchberg, Nancy A. Jenkins, Luis F. Parada, and Neal G. Copeland
- Functional immunoglobulin transgenes guide ordered B-cell differentiation in Rag-1-deficient mice** 1030
Eugenia Spanopoulou, Christopher A.J. Roman, Lynn M. Corcoran, Mark S. Schlissel, Daniel P. Silver, David Nemazee, Michel C. Nussenzweig, Susan A. Shinton, Richard R. Hardy, and David Baltimore
- Influence of immunoglobulin heavy- and light-chain expression on B-cell differentiation** 1043
Faith Young, Blair Ardman, Yoichi Shinkai, Rusty Lansford, T. Keith Blackwell, Monica Mendelsohn, Antonius Rolink, Fritz Melchers, and Frederick W. Alt
- G₁ cyclins *CLN1* and *CLN2* repress the mating factor response pathway at Start in the yeast cell cycle** 1058
Lambertus J.W.M. Oehlen and Frederick R. Cross
- Randomization–selection analysis of snRNAs in vivo: evidence for a tertiary interaction in the spliceosome** 1071
Hitendra D. Madhani and Christine Guthrie
- Large-scale analysis of gene expression, protein localization, and gene disruption in *Saccharomyces cerevisiae*** 1087
Nancy Burns, Brian Grimwade, Petra B. Ross-Macdonald, Eui-Yul Choi, Karin Finberg, G. Shirleen Roeder, and Michael Snyder
- Nuclear polyadenylation factors recognize cytoplasmic polyadenylation elements** 1106
Andrea Bilger, Catherine A. Fox, Elmar Wahle, and Marvin Wickens
- Intron creation and polyadenylation in maize are directed by AU-rich RNA** 1117
Kenneth R. Luehrsen and Virginia Walbot

Corrigendum 1131

Cover Nuclear rim fusion identified in a large-scale screen to characterize the yeast genome. (For details, see Burns et al., p. 1087.)