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Bipartite promoters and RNA editing of paramyxoviruses and filoviruses

Philippe le Mercier and Daniel Kolakofsky

Bioinformatics

Novel pipeline identifies new upstream ORFs and non-AUG initiating main ORFs with conserved amino acid sequences in the 5' leader of mRNAs in *Arabidopsis thaliana*

Sjors van der Horst, Berend Snel, Johannes Hanson, and Sjef Smeekens

Articles

Structural evidence for product stabilization by the ribosomal mRNA helicase

Hossein Amiri and Harry F. Noller

PinMol: Python application for designing molecular beacons for live cell imaging of endogenous mRNAs

Livia V. Bayer, Omar S. Omar, Diana P. Bratu, and Irina E. Catrina

The human ortholog of archaeal Pus10 produces pseudouridine 54 in select tRNAs where its recognition sequence contains a modified residue

Manisha Deogharia, Shaoni Mukhopadhyay, Archi Joardar, and Ramesh Gupta

Human nuclear RNAi-defective 2 (NRDE2) is an essential RNA splicing factor

Alan L. Jiao, Roberto Perales, Neil T. Umbreit, Jeffrey R. Haswell, Mary E. Piper, Brian D. Adams, David Pellman, Scott Kennedy, and Frank J. Slack

Widespread *cis*-regulation of RNA editing in a large mammal

Thomas J. Lopdell, Victoria Hawkins, Christine Couldrey, Kathryn Tiplady, Stephan R. Davis, Bevin L. Harris, Russell G. Snell, and Mathew D. Littlejohn