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FORTHCOMING PAPERS

Bioinformatics

Analysis of differential gene expression and alternative splicing is significantly influenced by choice of reference genome

Erin Slabaugh, Jigar S. Desai, Ryan C. Sartor, Lovely Mae F. Lawas, S.V. Krishna Jagadish, and Colleen J. Doherty

OPTIMIR, a novel algorithm for integrating available genome-wide genotype data into miRNA sequence alignment analysis

Florian Thibord, Claire Perret, Maguelonne Roux, Pierre Suchon, Marine Germain, Jean-François Deleuze, Pierre-Emmanuel Morange, and David-Alexandre Trégouët, on behalf of the GENMED Consortium

Reports

Molecular mechanism of the RNA helicase DHX37 and its activation by UTP14 in ribosome biogenesis

Franziska M. Boneberg, Tobias Brandmann, Lena Kobel, Jasmin van den Heuvel, Katja Bargsten, Lukas Bammert, Ulrike Kutay, and Martin Jinek

eIF4G2 balances its own mRNA translation via a PCBP2-based feedback loop

Victoria V. Smirnova, Ekaterina D. Shestakova, Dmitry V. Bikmetov, Anastasiya A. Chugunova, Ilya A. Osterman, Marina V. Serebryakova, Olga V. Sergeeva, Timofey S. Zatsepin, Ivan N. Shatsky, and Ilya M. Terenin

Articles

Demonstration of protein cooperativity mediated by RNA structure using the human protein PUM2

Winston R. Becker, Inga Jarmoskaite, Pavanapuresan P. Vaidyanathan, William J. Greenleaf, and Daniel Herschlag

Activation of innate immunity by mitochondrial dsRNA in mouse cells lacking p53 protein

Dagmara M. Wiatrek, Maria E. Candela, Jiří Sedmík, Jan Oppelt, Liam P. Keegan, and Mary A. O'Connell