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Bioinformatics

On the emergence of structural complexity in RNA replicators

Carlos G. Oliver, Vladimir Reinharz, and Jérôme Waldispühl

Report

Evidence that the *nadA* motif is a bacterial riboswitch for the ubiquitous enzyme cofactor NAD⁺

Sarah N. Malkowski, Tara C.J. Spencer, and Ronald R. Breaker

Articles

Identification of human genetic variants controlling circular RNA expression

Ikhlak Ahmed, Thasni Karedath, Fatima M. Al-Dasim, and Joel A. Malek

Circular code motifs in the ribosome: a missing link in the evolution of translation?

Gopal Dila, Raymond Ripp, Claudine Mayer, Olivier Poch, Christian J. Michel, and Julie D. Thompson

Biophysical characterizations of the recognition of the AAUAAA polyadenylation signal

Keith Hamilton, Yadong Sun, and Liang Tong

Interplay between substrate recognition, 5' end tRNA processing and methylation activity of human mitochondrial RNase P

Agnes Karasik, Carol A. Fierke, and Markos Koutmos

Local translation of yeast *ERG4* mRNA at the endoplasmic reticulum requires the brefeldin A resistance protein Bfr1

Srinivas Manchalu, Nitish Mittal, Anne Spang, and Ralf-Peter Jansen

HNRNPH1-dependent splicing of a fusion oncogene reveals a targetable RNA G-quadruplex interaction

Carla Neckles, Robert E. Boer, Nicholas Aboreden, Allison M. Cross, Robert L. Walker, Bong-Hyun Kim, Suntae Kim, John S. Schneekloth Jr., and Natasha J. Caplen