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Report

Alternative splicing coupled with transcript degradation modulates OAS1g antiviral activity

Luke Frankiw, Mati Mann, Guideng Li, Alok Joglekar, and David Baltimore

Articles

Structure and function analysis of the essential 3'X domain of hepatitis C virus

Jesús Castillo-Martínez, Tamara Ovejero, Cristina Romero-López, Isaías Sanmartín, Beatriz Berzal-Herranz, Elisa Oltra, Alfredo Berzal-Herranz, and José Gallego

Deep sequencing of tRNA's 3'-termini sheds light on CCA-tail integrity and maturation

Andreas Czech

LncRNA-mediated regulation of SOX9 expression in basal subtype breast cancer cells

Aamira Tariq, Qinyu Hao, Qinyu Sun, Deepak K. Singh, Mahdieh Jadaliha, Yang Zhang, Neha Chetlangia, Jian Ma, Sarah E. Holton, Rohit Bhargava, Ashish Lal, Supriya G. Prasanth, and Kannanganattu V. Prasanth

Robust differential microRNA targeting driven by supplementary interactions in vitro

Yao Xiao and Ian J. MacRae

Adenine-cytosine substitutions are an alternative pathway of compensatory mutation in angiosperm ITS2

Xinwan Zhang, Yong Cao, Wei Zhang, and Mark P. Simmons

Method

A convenient strategy to clone small RNA and mRNA for high-throughput sequencing

Lichao Li, Hui Dai, An-phong Nguyen, and Weifeng Gu