

Contents

Regulatory RNomics and Gene Expression, Zhumur Ghosh, Bibekanand Mallick, Daniel Gautheret, Pawan Malhotra, and Ravi Sachidanandam
Volume 2009, Article ID 691286, 2 pages

MicroRNA-Biogenesis and Pre-mRNA Splicing Crosstalk, Noam Shomron and Carmit Levy
Volume 2009, Article ID 594678, 6 pages

Computational Challenges in miRNA Target Predictions: To Be or Not to Be a True Target?, Christian Barbato, Ivan Arisi, Marcos E. Frizzo, Rossella Brandi, Letizia Da Sacco, and Andrea Masotti
Volume 2009, Article ID 803069, 9 pages

Novel miR390-Dependent Transacting siRNA Precursors in Plants Revealed by a PCR-Based Experimental Approach and Database Analysis, M. S. Krasnikova, I. A. Milyutina, V. K. Bobrova, L. V. Ozerova, A. V. Troitsky, A. G. Solovyev, and S. Y. Morozov
Volume 2009, Article ID 952304, 9 pages

Efficient siRNA Delivery by the Cationic Liposome DOTAP in Human Hematopoietic Stem Cells Differentiating into Dendritic Cells, Sabata Martino, Ilaria di Girolamo, Roberto Tiribuzi, Francesco D'Angelo, Alessandro Datti, and Aldo Orlacchio
Volume 2009, Article ID 410260, 7 pages

Searching for MIND: MicroRNAs in Neurodegenerative Diseases, Christian Barbato, Francesca Ruberti, and Carlo Cogoni
Volume 2009, Article ID 871313, 8 pages

MicroRNA Implications across Neurodevelopment and Neuropathology, Sabata Martino, Ilaria di Girolamo, Antonio Orlacchio, Alessandro Datti, and Aldo Orlacchio
Volume 2009, Article ID 654346, 13 pages

Quantification of Small Non-Coding RNAs Allows an Accurate Comparison of miRNA Expression Profiles, Andrea Masotti, Viviana Caputo, Letizia Da Sacco, Antonio Pizzuti, Bruno Dallapiccola, and Gian Franco Bottazzo
Volume 2009, Article ID 659028, 9 pages

Silencing Viral MicroRNA as a Novel Antiviral Therapy?, Ugo Moens
Volume 2009, Article ID 419539, 18 pages

Gene Expression Analysis of an EGFR Indirectly Related Pathway Identified PTEN and MMP9 as Reliable Diagnostic Markers for Human Glial Tumor Specimens, Sergio Comincini, Mayra Paolillo, Giulia Barbieri, Silvia Palumbo, Elena Sbalchiero, Alberto Azzalin, Marika A. Russo, and Sergio Schinelli
Volume 2009, Article ID 924565, 12 pages

An Evolutionary Perspective of Animal MicroRNAs and Their Targets, Noam Shomron, David Golan, and Eran Hornstein
Volume 2009, Article ID 594738, 9 pages

Interaction Map and Selection of microRNA Targets in Parkinson's Disease-Related Genes,
Shinde Santosh P., Neelima Arora, Pranjali Sarma, Manika Pal-Bhadra, and Utpal Bhadra
Volume 2009, Article ID 363145, 11 pages

TIS11 Family Proteins and Their Roles in Posttranscriptional Gene Regulation, Maria Baou,
Andrew Jewell, and John J. Murphy
Volume 2009, Article ID 634520, 11 pages