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Microna Protocols Methods In Molecular

The protocols follow the successful Methods in Molecular Biology™ series format, each offering step-by-step laboratory instructions, an introduction outlining the principles behind the technique, lists of the necessary equipment and reagents, and tips on troubleshooting and avoiding known pitfalls.

MicroRNA Protocols (Methods in Molecular Biology): Ying ...

Cutting-edge and thorough, MicroRNA Protocols, Third Edition is a valuable resource that provides researchers with a comprehensive study of miRNAs and its numerous components and uses. Product details. Series: Methods in Molecular Biology (Book 1733) Hardcover: 319 pages:

MicroRNA Protocols (Methods in Molecular Biology) ...

MicroRNA Protocols (Methods in Molecular Biology): 9781627030823: Medicine & Health Science Books @ Amazon.com

MicroRNA Protocols (Methods in Molecular Biology) ...

The first few chapters of MicroRNA Profiling: Methods and Protocols discuss the effects of over-expressing and repressing of a target miRNA and their effects on cell viability and proliferation. The next few chapters explore the protocols for total RNA isolation from cells and cell-derived product including formalin fixed paraffin embedded tissue and plant tissue.

MicroRNA Profiling: Methods and Protocols (Methods in ...

In MicroRNA and Cancer: Methods and Protocols, internationally renowned experts provide the latest miRNA knowledge, the various techniques and methodologies currently available for cancer research application. Ranging from the fundamental concepts to practical applications, this book presents: • Overview of microRNA biogenesis, computational ...

MicroRNA and Cancer: Methods and Protocols (Methods in ...

Introduction. It is now known that microRNA (miRNA), once thought to be junk, can suppress the expression of other genes and may be involved in numerous cellular processes, including cell proliferation, apoptosis, cell differentiation, and development. In MicroRNA Protocols, expert miRNA researchers explain its basic concepts and introduce the most advanced technologies and techniques for predicting screening, isolating, and assaying it.

MicroRNA Protocols | SpringerLink

MicroRNA Protocols | Shao-Yao Ying | Springer. Methods in Molecular Biology. Fully updates and expands upon the successful miRNA methodologies of the first edition. Features potential applications in cosmetics, wound healing, and prostate cancer. Includes key tips and implementation advice to ensure successful results.

MicroRNA Protocols | Shao-Yao Ying | Springer

Fully updated and easy to use, MicroRNA Protocols, Second Edition aims to stimulate readers to explore diverse ways to understand the mechanisms in which miRNAs facilitate the molecular aspects of not only biomedical research but also a wide range of other research fields.

MicroRNA Protocols | SpringerLink

Part of the Methods in Molecular Biology book series (MIMB, volume 1733) Abstract MicroRNAs (miRNAs), widely distributed, small regulatory RNA genes, target both messenger RNA (mRNA) degradation and suppression of protein translation based on sequence complementarity between the miRNA and its targeted mRNA.

The MicroRNA | SpringerLink

Part of the Methods in Molecular Biology™ book series (MIMB, volume 342) Abstract The recently discovered microRNAs (miRNAs) are a large family of small regulatory RNAs that have been implicated in controlling diverse pathways in a variety of organisms (1 , 2).

MicroRNA Biogenesis: Isolation and Characterization of the ...

Part of the Methods in Molecular Biology book series (MIMB, volume 1509) Abstract MicroRNAs (miRNAs) are small RNA molecules, with their role in gene silencing and translational repression by binding to target mRNAs.

miRNA Biogenesis and Regulation of Diseases: An Overview ...

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This volume details basic principles of experimental and computational methods for the study of microRNAs in cancer research and, therefore, provides a firm grounding for those who wish to develop further applications. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and ...

MicroRNA and Cancer - Methods and Protocols | Wei Wu ...

About this book. microRNAs (miRNAs) are small non-coding RNAs that regulate various biological phenomena, such as development and homeostasis. The dysregulation of miRNA leads to disease progression, particularly of cancer. In Circulating MicroRNAs: Methods and Protocols, expert researchers in the field detail recent advances in the isolation, purification and analysis of circulating miRNAs from a variety of sources for research.

Circulating MicroRNAs - Methods and Protocols | Nobuyoshi ...

Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Drug Target miRNA - Methods and Protocols | Marco F ...

Find many great new & used options and get the best deals for Methods in Molecular Biology Ser.: MicroRNA Target Identification : Methods and Protocols (2019, Hardcover) at the best online prices at eBay! Free shipping for many products!

Methods in Molecular Biology Ser.: MicroRNA Target ...

In Next-Generation MicroRNA Expression Profiling Technology: Methods and Protocols, expert researchers in the field contribute detailed examinations of the most current approaches being used today. This volume includes comprehensive coverage of methodologies that have been developed for miRNA profiling, as well as next-gen sequencing technology ...

Next-Generation MicroRNA Expression Profiling Technology ...

Eminently practical and cutting-edge, MicroRNA Protocols affords biomedical researchers readily reproducible techniques to understand and study the molecular pathogenesis of disease and design new therapeutic strategies.

MicroRNA protocols (eBook, 2006) [WorldCat.org]

Reverse transcription polymerase chain reaction (RT-PCR) is a laboratory technique combining reverse transcription of RNA into DNA (in this context called complementary DNA or cDNA) and amplification of specific DNA targets using polymerase chain reaction (PCR). It is primarily used to measure the amount of a specific RNA. This is achieved by monitoring the amplification reaction using ...