Frontiers in RNAi [Volume 1]

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About the ebook

Frontiers in RNAi is a collection of research articles covering the applications of RNAi principles and technologies and has been compiled by members of the RNAi Global Initiative, a collection of academic and industrial groups with extensive experience in genome-wide RNAi screening.

Contents

- RNAi and Off-Target Effects
- Automation Considerations for RNAi Library Formatting and High Throughput Transfection
- Public Repositories for RNAi Screening Data
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- RNAi for Viral Disease Control
- Host-Encoded miRNAs Involved in Host-Pathogen Interactions
- RNAi Screening in Cells of the Immune System: Challenges and Opportunities
- siRNA Microarray-Based Genomic Screening
- A Three-Dimensional Spheroid Cell Culture Model for Robust High-Throughput RNA Interference Screens
- The Use of RNAi Technology in the Development of High Performance Bioproduction Cell Lines
- RNAi Screening to Facilitate Drug Repurposing

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