

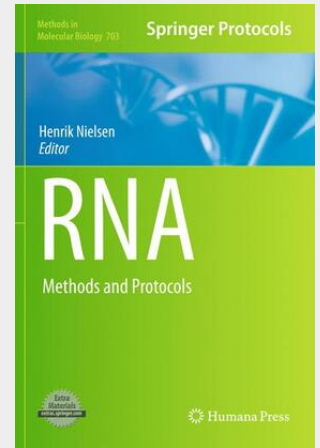
Nielsen

RNA

Methods and Protocols

Recent insight into the transcripts generated from the mammalian genome (i.e. the transcriptome) has revealed that transcription is a far more complex phenomenon than previously thought. In RNA: Methods and Protocols, expert researchers provide the procedures and methods used to describe the structure of messenger RNAs and non-coding RNAs that are transcribed by RNA polymerase II as the immediate gene products in mammalian cells. Focused on the structure of the RNA products of "gene X" and the mapping of proteins associated with these RNAs, the volume presents appropriate information for non-specialists in RNA biology. Written in the highly successful Methods in Molecular Biology™ series format, many chapters contain introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and key tips on troubleshooting and avoiding known pitfalls. Comprehensive and practical, RNA: Methods and Protocols views the transcriptional landscape with an appreciation for the role that proteins play in the processing and interpretation of genetic information in an attempt to further our crucial knowledge of the many products and sophisticated regulatory networks that result from it.

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