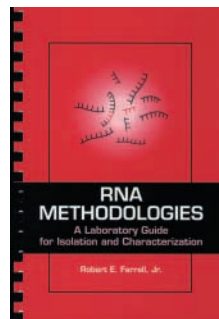


BOOKS

RNA Methodologies: A Laboratory Guide for Isolation and Characterization, 2nd ed.

Robert E. Farrell, Academic Press, 1998, 448 pp., comb bound

A collection of tested and optimized laboratory protocols for isolating and characterizing eukaryotic RNA. Includes a variety of RNA-based PCR techniques, and focuses on how they can be used to study transcriptional and post-translational regulation of gene expression.

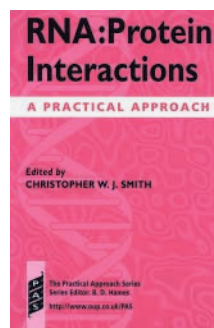


Product	Product Description	Quantity
Z35.035-4	RNA Methodologies: A Laboratory Guide For Isolation and Characterization, 2nd ed. ISBN 0-12-249695-7	1 each

RNA-Protein Interactions: A Practical Approach

C.W.J. Smith, Oxford University Press, 1998, 366 pp., soft cover

The approaches covered range from those initially used to detect a novel RNA-protein interaction, various biochemical and genetic approaches to purifying and cloning RNA binding proteins, through to methods for in-depth analysis of the structural basis of the interaction. It includes a number of procedures such as the production of site-specifically modified RNAs by enzymatic and chemical methods and *in vivo* screening for novel RNA-protein interactions in yeast and *E. coli*.

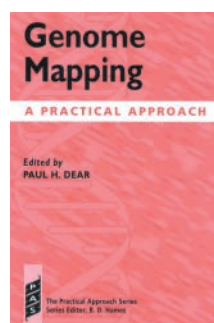


Product	Product Description	Quantity
Z34.086-3	RNA-Protein Interactions: A Practical Approach ISBN 0-19-963650-8	1 each

Genome Mapping: A Practical Approach

P.H. Dear, IRL Press at Oxford University Press, 1997, 370 pp., soft cover

Supporting the explosive growth in genome analysis, this volume describes current methods for genome mapping, organized in order of increasing resolving power: from linkage analysis to restriction mapping. Applications to animal (including human) and plant genomes include mapping of quantitative trait loci, HAPPY mapping, fluorescence *in situ* hybridization, contig assembly, chromosome walking, and long-range restriction mapping. All in all, a unique compendium and practical guide to current technology.



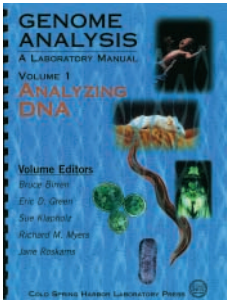
Product	Product Description	Quantity
Z37.808-9	Genome Mapping: A Practical Approach ISBN 0-19-963630-3	1 each

BOOKS

Genome Analysis:
Laboratory Manual Series
Volume 1: Analyzing DNA

B. Birren, Cold Spring Harbor Laboratory Press, 1997, 670 pp.,
comb bound

This volume presents exhaustive coverage of techniques for: purifying genomic DNA; manipulating high-molecular weight DNA; several specialized DNA sequencing methods; and computational analysis of DNA and protein sequences. Appendices include recipes for common reagents, basic procedures, safety, and a compilation of "useful facts."

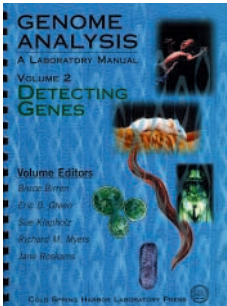


Product	Product Description	Quantity
Z37,841-0	Genome Analysis: Laboratory Manual Series Volume 1: Analyzing DNA ISBN 0-87969-496-3	1 each

Volume 2: Detecting Genes

B. Birren, Cold Spring Harbor Laboratory Press, 1998, 463 pp.,
comb bound

Topics include Strategies for gene discovery in mammalian systems; Constructing and screening normalized cDNA libraries; Direct cDNA selection; Exon trapping; and Detection of DNA variation.

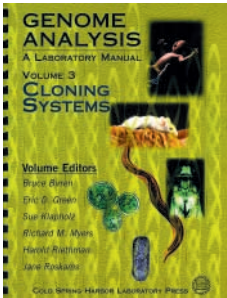


Product	Product Description	Quantity
Z38,266-3	Volume 2: Detecting Genes ISBN 0-87969-511-0	1 each

Volume 3: Cloning Systems

B. Birren, Cold Spring Harbor Laboratory Press, 1999, 648 pp.,
comb bound

Topics include Bacterial Cloning Systems; Cosmids; Cloning into Bacteriophage P1 Vectors; OBacterial Artificial Chromosomes; and Yeast Artificial Chromosomes.



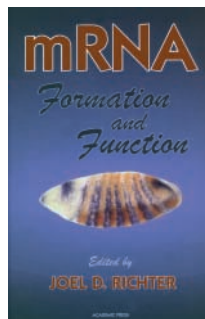
Product	Product Description	Quantity
G 5039	Volume 3: Cloning Systems ISBN 0-87969-513-7	1 each

BOOKS

mRNA Formation and Function

J.D. Richter, Academic Press, 1997, 400 pp., hard cover

Presents a compendium of techniques geared exclusively toward the understanding of RNA metabolism. Highlights include isolation and characterization of rna-binding proteins RNA metabolism and regulatory proteins RNA detection and localization genetics and RNA function. Should be of wide appeal because several different organisms and systems are featured.

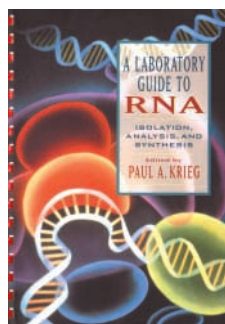


Product	Product Description	Quantity
Z37,827-5	mRNA Formation and Function ISBN 0-12-587545-2	1 each

A Laboratory Guide to RNA

P. Krieg, Ed., Wiley-Liss, 1996, 405 pp., hard cover

This guide provides detailed accounts of experimental procedures ranging from the isolation, analysis, and quantification of RNA from a variety of sources to large and small scale synthesis of RNA. Protocols such as RNA blotting, nuclease protection, and *in situ* hybridization are covered. A solid reference on the analysis of gene expression at the RNA level.

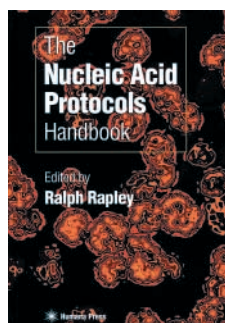


Product	Product Description	Quantity
Z37,382-6	A Laboratory Guide to RNA ISBN 0-471-12536-9	1 each

Nucleic Acid Protocols Handbook

R. Rapley, Ed., Humana Press, 2000, 1072 pp., soft cover

A comprehensive volume of molecular biology methods ranging from DNA extraction to gene localization *in situ*. The 120 techniques cited list all necessary materials and reagents, step-by-step instruction, pitfalls to avoid, troubleshooting tips, alternate methods, and reasons for certain steps. All key elements contributing significantly to success or failure in the lab. It is a collection of all classic and cutting-edge techniques for isolation, analysis, and manipulation of nucleic acids.



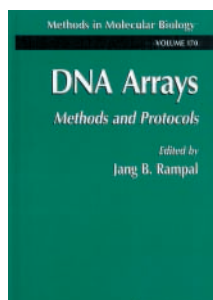
Product	Product Description	Quantity
N 8029	Nucleic Acid Protocols Handbook ISBN 0-89603-841-6	1 each

BOOKS

DNA Arrays: Methods and Protocols

J.B. Rampal, Ed., Humana Press, 2001, 264 pp., hard cover

Microarray technology is widely used in research of gene expression, mutation analysis, proteomics and gene sequencing. Protocols in this volume provide instruction in designing and constructing DNA arrays as well as hybridizing them with biological samples for analysis. Details include how to attach or print arrays on various matrices, biological sample preparation (DNA and RNA), hybridization conditions, signal detection, probe optimization, different printing technologies and data collection and analysis. Additional topics are genotyping, sequencing by hybridization, antisense reagents, gene expression analysis, and business aspects of biochip technology. Methods in Molecular Biology Series #170.

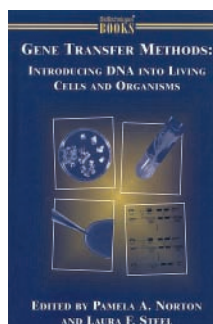


Product	Product Description	Quantity
D 6064	DNA Arrays: Methods and Protocols ISBN 0-89603-822-X	1 each

Gene Transfer Methods: Introducing DNA into Living Cells and Organisms

P.A. Norton and L.F. Steel, Eds., Eaton Publishing, 2000, 272 pp., hard cover

A critical aspect of the molecular revolution is that DNA frequently must be re-introduced into living cells to determine activity. The goal of this book is to compile a core set of numerous DNA transfer methods within a single volume. Chapters discuss DNA transfer into cells of bacterial, fungal, and mammalian origin, as well as into the germ lines of flies, mice, and plants. Each chapter includes supplementary information such as common problems and specific troubleshooting suggestions. Progress and hurdles in the field of human gene therapy are presented.

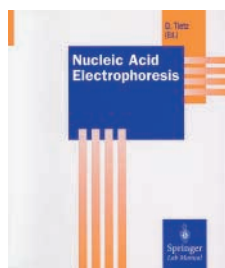


Product	Product Description	Quantity
G 8416	Gene Transfer Methods: Introducing DNA into Living Cells and Organisms ISBN 1-881299-34-1	1 each

Nucleic Acid Electrophoresis

D. Tietz, Ed., Springer-Verlag, 1998, 328 pp., soft spiral cover

Electrophoresis is a powerful method to analyze nucleic acids (DNA, RNA). Various techniques such as capillary electrophoresis, pulsed-field electrophoresis, fingerprinting using RFLP and RAPD, DNA sequencing, and mobility shift assay are described in detail. Required apparatus, appropriate use, preparation of probes, gel staining, interpretation of results, tricks for troubleshooting, manufacturers addresses, helpful Internet resources as well as specific applications are presented.



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N 6398	Nucleic Acid Electrophoresis ISBN 3-540-63959-4	1 each

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