

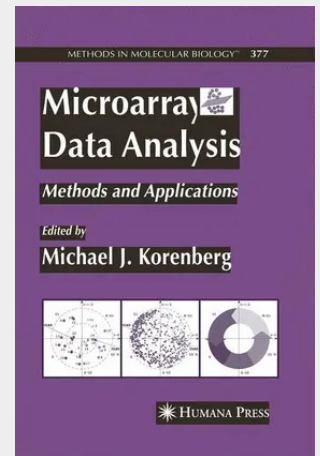
Microarray Data Analysis

Methods and Applications

In this new volume, renowned authors contribute fascinating, cutting-edge insights into microarray data analysis. Included in this innovative book includes are in-depth looks into presentations of genomic signal processing, artificial neural network use for microarray data analysis, signal processing and design of microarray time series experiments, application of regression methods, gene expression profiles and prognostic markers for primary breast cancer, and factors affecting the cross-correlation of gene expression profiles. Also detailed are use of tiling arrays for large genomes analysis using tiling arrays, a comparative genomic hybridization data on cDNA microarrays, integrated high-resolution genome-wide analysis of gene dosage and gene expression in human brain tumors, gene and MeSH ontology, and predicting survival prediction in follicular lymphoma using tissue microarrays.

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

In this new volume, renowned authors contribute fascinating, cutting-edge insights into microarray data analysis. Information on an array of topics is included in this innovative book including in-depth insights into presentations of genomic signal processing. Also detailed is the use of tiling arrays for large genomes analysis. The protocols follow the successful Methods in Molecular Biology(TM) series format, offering step-by-step instructions, an introduction outlining the principles behind the technique, lists of the necessary equipment and reagents, and tips on troubleshooting. This book will help the reader master the tricks of the trade and avoid pitfalls.



106,99 €

99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781627039093

Medium: Buch

ISBN: 978-1-62703-909-3

Verlag: Humana

Erscheinungstermin: 31.10.2014

Sprache(n): Englisch

Auflage: 2007

Serie: Methods in Molecular Biology

Produktform: Kartoniert

Gewicht: 441 g

Seiten: 273

Format (B x H): 155 x 235 mm

