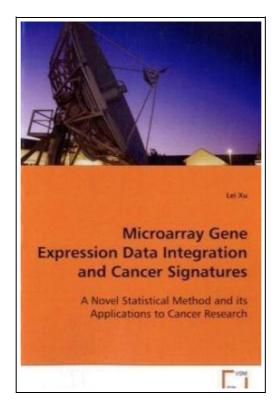
Microarray Gene Expression Data Integration and Cancer Signatures



Filesize: 2 MB

Reviews

Extensive guideline! Its such a great go through. It is definitely basic but surprises in the 50 % of the pdf. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Fernando Hahn)

MICROARRAY GENE EXPRESSION DATA INTEGRATION AND CANCER SIGNATURES



VDM Verlag. Paperback. Condition: New. 120 pages. Dimensions: 8.7in. x 5.9in. x 0.3in.Over the past decade, microarray gene expression datahas been widely used to identify cancer genesignatures that could complement conventionalhistopathologic evaluation to increase the accuracyof cancer diagnosis and prognosis. However, due to the limited sample size of individual studies, there of often only a small overlap between signatures for specific cancers obtained in different studies. Withthe rapid accumulation of microarray data, it is of great interest to understand how to combinemic or array data across studies of similar cancers inorder to increase sample size, which could lead to the identification of more reliable gene signatures of specific cancers. This book provides a novelstatistical method, based on the top-scoring pairs classifier family, for inter-study microarray dataintegration. By incorporating this new method into different statistical models, we can identify robustgene signatures for cancer diagnosis and prognosis from integrated microarray data. This book is primarily aimed at cancer researchers, especially in the emerging field of cancer bioinformatics, butshould also be valuable to statisticians and medical researchers entering the field. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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