

1. Record Nr.	UNINA9910143418003321
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Titolo	Cancer diagnostics with DNA microarrays [[electronic resource] /] / Steen Knudsen
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Liss, c2006
ISBN	1-280-55153-4 9786610551538 0-470-04110-2 0-470-04109-9
Descrizione fisica	1 online resource (213 p.)
Disciplina	616.994075
Soggetti	DNA microarrays - Diagnostic use Cancer - Diagnosis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 152-182) and index.
Nota di contenuto	Introduction to DNA microarray technology -- Image analysis -- Basic data analysis -- Visualization by reduction of dimensionality -- Cluster analysis -- Molecular classifiers for cancer -- Survival analysis -- Meta-analysis -- The design of probes for arrays -- Software issues and data formats -- Breast cancer -- Leukemia -- Lymphoma -- Lung cancer -- Bladder cancer -- Colon cancer -- Ovarian cancer -- Prostate cancer -- Melanoma -- Brain tumors -- Organ or tissue specific classification -- Sample collection and stability.
Sommario/riassunto	Authored by an international authority in the field,Cancer Diagnostics with DNA Microarrays is a complete reference work on the rapidly growing use of DNA microarray data in the diagnosis of and treatment planning for a large number of human cancers.Uniquely deals with direct clinical application of microarray data to oncology diagnosis, leading to more effective diagnosis of and clearer treatment regimens for a wide range of human cancersOffers clinicians summary presentation of state-of-the-art science of DNA microarraysEach chapter includes biblio

