

Gene Expression Studies Using Affymetrix Microarrays Chapman Hallcrc Mathematical And Computational Biology By Hinrich Gohlmann 2009 07 15

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Gene Expression Studies Using Microarrays | SpringerLink

Gene expression studies using affymetrix microarrays. [Hinrich Gohlmann; Willem Talloen] -- "Gene expression studies merge three disciplines with different historical backgrounds: molecular biology, bioinformatics, and biostatistics.

(PDF) Gene Expression Studies Using Affymetrix Microarrays ...

biostatistics. It describes the gene expression microarray study from design to conclusion. Although focusing on Affymetrix technology, it covers topics that are equally useful for other microarray platforms. The book is actually written as a comprehensive overview of the entire experimental process from start to end. Thus it is

Gene Expression Studies Using Affymetrix Microarrays ...

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Affymetrix Technology

Gohlmann H, Talloen W. Gene expression studies using affymetrix microarrays. 1st ed. Chapman & Hall/CRC: Boca Raton; 2009. Google Scholar Guindalini CSC, Tufik S. Use of microarrays in the search of gene expression patterns—application to the study of complex phenotypes.

Gene Expression Studies Using Affymetrix

Gene Expression Studies Using Affymetrix Microarrays provides novices with a detailed, yet focused introductory course and practical user guide. Specialized experts will also find it useful as a translation dictionary to understand other involved disciplines or to get a broader picture of microarray gene expression studies in general.

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The genome-wide gene expression profiling were conducted in 10 pairs of cancer tissues and corresponding normal adjacent tissues samples using Affymetrix GeneChip® Human Genome U133 Plus 2.0 ...

GeneTitan Multi-Channel (MC) Instrument | Thermo Fisher ...

Microarrays are performed using the Affymetrix® Platform. Gene expression arrays that provide estimates of mRNA levels in tumors have given rise to exon-specific arrays that can identify both gene expression levels, alternative splicing events and mRNA processing alterations.

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Microarray probes and probe sets - PubMed Central (PMC)

The GeneChip® PrimeView™ Human Gene Expression Array cartridge enables expression profiling using probe sets with an emphasis on established, well-annotated content. Sequences used in the design of the array were selected from the UniGene database 219, RefSeq version 36, and full-length human mRNAs from GenBank®.

GENE EXPRESSION STUDIES USING AFFYMETRIX MICROARRAYS

Tools, resources, and studies using Affymetrix probe sequence data. After the probe sequence information was made public by Affymetrix, several recent papers made use of it for improving accuracy and cross-platform consistency ... Figure 3 shows the distribution of probes for 51 gene expression Affymetrix chips. The X-axis denotes the distance ...

Transcriptome Profiling with Microarrays | Thermo Fisher ...

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Gene Expression Studies Using Microarrays | Request PDF

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