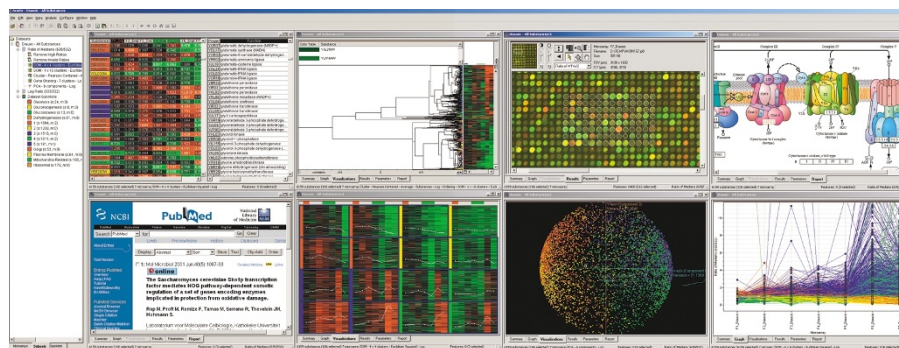


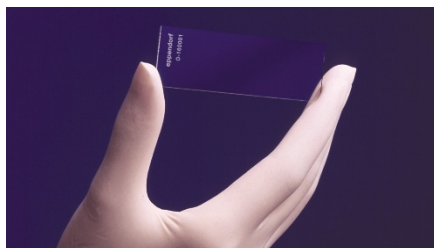
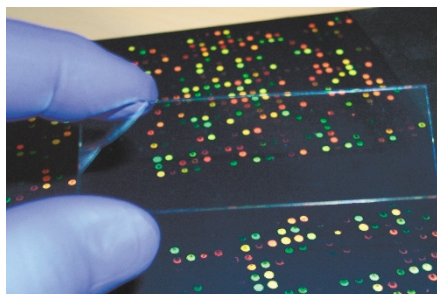
Microarrays and bioinformatics



Microarray analysis

Acuity 2.0 is the newest version of Axon Instruments' microarray database, data mining, and informatics software platform. Optimized for performance, speed, and scalability for Windows platforms, Acuity securely stores and mines data and provides users with sophisticated two- and three-dimensional visualizations to help track down elusive correlations. It is fully integrated with Axon's GenePix scanners and GenePix Pro software.

<http://www.axon.com>



Microarray slides

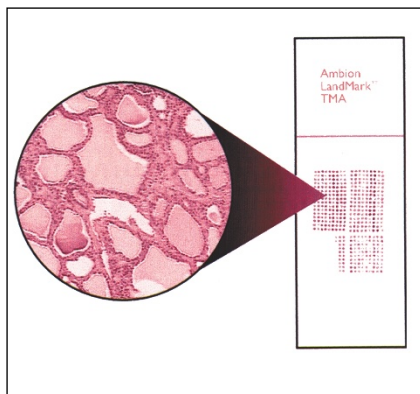
Eppendorf's CreativeChip Oligo and CreativeChip PCR slides for DNA microarrays feature a special surface modification with a proprietary three-dimensional structure, suited for the rapid and convenient production of high-quality microarrays based on oligonucleotides and cDNAs or PCR products. Optimum accessibility of functional groups provides covalent and direct binding of the DNA molecules, minimized non-specific interactions, and higher hybridization efficiency.

<http://www.eppendorf.com>

Slides and reagents

GeneMachines' OmniGrid slides and reagents provide a high-quality, robust, and application-ready solution for microarray printing and hybridization. They combine extremely low background with high signal intensity to deliver consistently exceptional signal-to-noise ratios. Rigorous quality control is applied to a highly consistent processing method to deliver remarkably low batch-to-batch variability.

<http://www.genemachines.com>



Tissue microarrays

Ambion's LandMark Tissue Microarrays contain 50 to 200 tissue specimens arrayed on a single slide to facilitate high-throughput analysis of highly characterized tissue samples. The expression profile of a specific target can be analyzed across various normal and diseased tissues in a single experiment, providing savings in time, labor, and materials. LandMark TMAs give users an opportunity to screen a large number of samples for gene expression information and for discovering diagnostic and prognostic correlations.

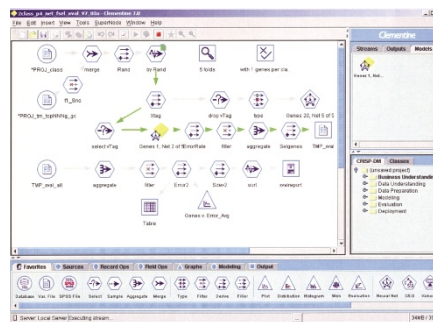
<http://www.ambion.com>



Gene expression analysis

The Hybrid Capture *ExpressArray* kit from Digene is a research assay for gene expression analysis on microarrays. Based on Digene's patented Hybrid Capture technology platform, the kit enables users to run tests involving the study of thousands of genes, in one experiment, on DNA microarray platforms with high sensitivity, accuracy, reproducibility and ease-of-use. The kit can generate quantitative results in a few hours, compared with 2 to 3 days using existing technologies.

<http://www.digene.com>



Data mining software

SPSS Science enters the bioinformatics sector with a new version of its Clementine data mining software. The Clementine Microarray CAT (Clementine application template) offers pre-constructed application streams for the analysis of microarray gene expression data, including data preparation, feature selection, classification, clustering, visualization, and deployment. The Clementine Microarray CAT is ideal for applications in medicine, pharmacogenomics, toxicogenomics, drug discovery and development, SNP analysis, and functional genomics.

<http://www.spss.com>