Developing DNA Chip Analysis System for Multiple Platforms

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With so many potentially interesting genetic markers at hand, thanks to various microarray technologies, the challenge now is to figure out how to select the best targets more efficiently. Novel strategies for detecting and characterizing genes or genome are vital to this task. Integrated biochip analyses targeted to the diversity with respect to expression, genomic and epigenomic analysis and simultaneous analysis of multiple platforms, are essential toward that goal. We discuss several different platforms of microarray technologies and how to integrate the results in an analysis system.