

Healthcare industry BW

New Microbial Genome-to-Array Service

Partnering with Prognosys Biosciences febit offers a new Genome-to-Array Service. This Service gives scientists access to the latest technology and know-how in sequencing and microarrays even for DNA where no standard microarrays are available.

Using this service, scientists can go from biological genetic material to a working microarray experiment in weeks. Scientists in the field of microbial genomics for example now have a powerful and affordable tool for the analysis of unknown microbial DNA.

The Californian company Prognosys Biosciences contributes the sequencing of the organism's DNA by using next-generation sequencing. febit's Geniom Technology is used for preparative sample enrichment and supports the assembly process following sequencing. The data resulting from the next-generation sequencing procedure is the basis for synthesis of the biochip for microarray analysis. The biochip can be produced and analyzed in the Geniom One instrument either by the customer or as a service by febit.

In addition, febit will launch a new microarray analysis device in spring 2008, the Geniom RT Analyzer. The lower priced RT Analyzer enables customers to analyze Geniom Biochips, but does not include the ability to synthesize the chips themselves like the Geniom One product.

Anthony Caruso, Vice President Informatics & Application Software of febit inc., stated: "The powerful bioinformatics basis of the Geniom Technology enables us to offer this easy-to-use service to our customers for a very reasonable price."


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