

Core Facility News

Instrument Updates

Illumina Bead Array Platform

BEA is now upgrading the microarray facility to include the [Illumina bead array platform](#) which is a complete solution for RNA- and DNA-based genetic analysis applications covering a wide range of multiplexing and sample throughput options.



During the beginning of 2009 BEA will provide services adapted to the Illumina expression analysis and whole genome genotyping application including methylation and micro RNA analysis. For more information please contact [Fredrik Fagerström Billai](#).

QIA cube

BEA provides services for RNA and DNA extractions. With our new QIAcube purification and extraction robot we can ensure standardized and effective services for different types of samples including the RNAeasy and BloodPAX protocols.



[View product page.](#)

Updated Array Prices and Service Fees

Prices for arrays and services have been updated in October, 2007. Current prices can be found at:

Array Prices www.bea.ki.se/affymetrix/service_fees.doc

Service Fees www.bea.ki.se/affymetrix/prices.pdf

New Services at BEA

Real-Time PCR

With our quantitative real-time PCR ABI 7900HT you can study gene expression and allelic discrimination. The Taqman low density array format (TLDA) enables you to study gene expression in up to 8 samples and for 384 gene targets in one single PCR run.

The [TLDA arrays](#) are 384-well micro fluidic cards preloaded with Taqman gene expression assays, where you can choose from over 50,000 assays designed for human, rat and mouse. Questions can be answered by [Patrick Müller](#).

Human SNP Array 6.0

The first genotyping projects using the human SNP Array 6.0 have been completed at the core facility.

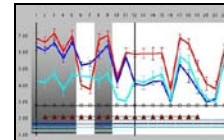
The array features 1.8 million genetic markers, including more than 906,600 single nucleotide polymorphisms (SNPs) and more than 946,000 probes for detection of copy number variation.

The SNP array 6.0 is now included in the Affymetrix price list and in BEA's list of service fees.

Software Updates

XRAY (Biotique Systems)

The core facility has recently acquired a license for XRAY. XRAY will provide improved possibilities for splicing analysis using exon arrays, and new methods for tiling and expression analysis.



Further information can be found at the [XRAY product page](#). For questions, please contact [David Brodin](#).

News from Affymetrix

Protocol Updates

3' IVT Express Kit

The GeneChip® 3' IVT Express Kit is the latest and most effective option for target preparation on Affymetrix' industry-standard 3' expression arrays.

The GeneChip 3' IVT Express Kit is available in a 10-reaction and 30-reaction size. The kit can be purchased alone or bundled with 3' arrays for additional savings:

- Human Genome U133 Plus 2.0 Arrays (10 and 30 packs)
- Mouse Genome 430 2.0 Arrays (10 and 30 packs)
- Rat Genome 230 2.0 Arrays (10 and 30 packs)

[View product page](#)

Software Updates

Genotyping Console v 3.0.1

Genotyping Console™ (GTC) is the first commercially available software that integrates SNP genotyping, copy number polymorphism (CNP) genotyping and rare CNV identification in one data analysis application.

The latest version of Genotyping Console provides proven tools for genotyping and cytogenetic analysis alongside cutting-edge tools for CNP genotyping.

[View Product page](#)