



BEA Newsletter November 2011

Agilent Microarray Platform

Agilent offers a broad variety of different genotyping and expression arrays in many different formats. The customers also have the ability to design their own custom arrays using optimized and validated probe design and selection at no charge and with no minimum order. Agilent also offers solutions for miRNA analysis in different formats.

The first custom arrays have been ran at BEA using ferret arrays.

Contact [Susann Fält](#) or [Malin Nilsson](#) for questions.



Affymetrix Microarrays News

Whole transcriptome microarrays are powerful tools for detecting global changes in gene expression across the whole genome. The Affymetrix whole transcriptome microarrays are now available for 19 different model organisms, enabling confident expression analysis with up to 26 probes per transcript.

Affymetrix U219 plate arrays are now released in the cartridge format. The Chip PrimeView Human Gene Expression Array cartridge enables expression profiling using probe sets with an emphasis on established, well annotated content.

The Affymetrix tiling array families are now only available through a made to order program. Please acquire more information about changed reagents and special ordering routines.

Contact [Fredrik Fagerström-Billai](#) or [Marika Rönnholm](#) for questions.

Illumina Microarray Platform

BEA offer analysis services for expression, methylation and genotyping arrays. Integration of Illumina GenomeStudio and Partek Genomic Suite has enabled increased functionality and analysis services.

Contact [Fredrik Fagerström-Billai](#), [David Brodin](#) or [Jessica Lindvall](#) for questions.

Qubit 2.0 fluorometer at BEA

BEA has recently invested in a Qubit 2.0 fluorometer, an instrument that measures highly accurately low quantities of DNA and RNA. In addition to our Qubit, we possess a Bioanalyzer, Nanodrop a microplate reader.

qPCR News

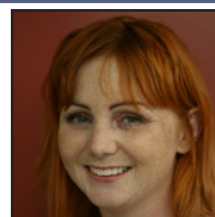
BEA is implementing the "Minimal Information for Publication of Quantative Real-Time PCR Experiments" (MIQE) guidelines in our qPCR experiment. For more information see

www.rdml.org/clinchem.2008.112797v1.pdf and www.RDML.org.

Contact [Patrick Müller](#) for questions.

Jessica Lindvall - new Resource

I earned my PhD in Molecular Cell-Biology in 2005 at Karolinska Institutet (Sweden) in Prof. Edvard Smith research group. I did my first post-doc fellowship at the University of Oslo (Norway) in Bioinformatics (high throughput technologies). I have a solid track record and I have taken part in multiple biological projects ranging from DNA damage and repair, lymphocyte development and immunodeficiency to environmental toxicological projects.



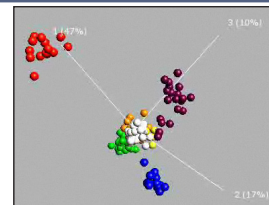
My aim as a bioinformatician is to provide both a hypothesis-free analysis approach as well as a more hypothesis-driven approach for a specific project. Every research project has its own biological question and therefore every project needs its own analysis niche.

Qlucore / Affymetrix Seminar

Qlucore and Affymetrix will arrange a joint seminar together with BEA on Tuesday November 29th.

We will send invitations and post further information at www.bea.ki.se.

Most welcome!



BEA Closed Friday November 4th

The core facility will be closed November 4th due to the celebrations of the Allhelgona weekend. No samples can be delivered.

We wish you all a nice and peaceful Weekend!



Bioinformatics and Expression Analysis core facility (BEA)

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