

Second Illumina Genome Analyzer (GA II) Installed at Fasteris

The new Genome Analyzer II, with 40% more throughput complements the existing system that is being upgraded to GA II and Paired-ends module

Geneva, Switzerland – 24 April 2008 - Fasteris SA announced today the installation of a second Illumina Genome Analyzer system of the latest generation (GA II), in complement to the system installed a year ago, which is being upgraded with the new optics of GA II and with a paired-ends module.

The new Genome Analyzer GA II generates over 2 billions finished bases in a single 2,5 days run, which represents 2/3 of the human genome. The 8 channels in the flowcells are 40% broader, enabling to generate over 7 millions reads of 35 bases per channel.

Fasteris provides next-generation sequencing services since April 2007, having been the first commercial service provider worldwide to order the Illumina Genome Analyzer System.

Fasteris offers one of the widest range of Genome Analyzer applications, such as small RNAs, ChIP-SEQ, re-sequencing, SNP detection, *de novo* sequencing, whole transcriptome analysis, Gene Expression Profiling or targeted re-sequencing (array-capture).

Many of these applications have been developed by Fasteris scientists, before commercial kits became available. Fasteris also developed bar-coding (indexing) protocols for the preparation of genomic, small RNAs or Gene Expression samples, enabling the analysis of several samples in the same channel.

"It's hard to believe that only one year went by since we installed our Genome Analyzer," said Laurent Farinelli, founder and CEO of Fasteris, who participated in the initial development of the DNA cluster amplification technology used by the new system.

"We worked on so many different projects, developing new applications for our clients. For instance we didn't imagine that we could de novo sequence 97% of a bacterial genome without paired-ends using a software, EDENA, developed by David Hernandez as part of a collaboration with the group of Prof. Jacques Schrenzel at the Geneva University Hospitals."

Fasteris provides Genome Analyzer services at competitive prices, from project consulting to complex bioinformatics analyses.

About Fasteris

Fasteris is a privately owned company in Geneva, Switzerland providing Genome Analyzer, DNA sequencing, plasmid production and molecular biology services. Fasteris was founded in 2003 by Laurent Farinelli and Magne Osteras.

While at GlaxoWellcome's Geneva Biomedical Research Institute in 1996, Farinelli and colleague Pascal Mayer invented and developed a new DNA sequencing technology based on a surface-bound amplification procedure generating millions of microscopic "DNA colonies". In 2004, Lynx Therapeutics of the USA and UK-based Solexa acquired from Switzerland-based Manteia SA the rights to proprietary technology for DNA colony generation. The technology was further developed by Solexa and later incorporated into the Illumina Genome Analyzer System, a revolutionary instrument capable of sequencing more than two billion DNA bases in a single run. For more information about the Solexa technology, see illumina's website www.morethansequencing.com.

Fasteris provides services with one of the widest range of Genome Analyzer applications.

Contact

Laurent Farinelli
Founder & Chief Executive Officer
Fasteris SA - P.O. Box 28- 1228 Plan-les-Ouates - Switzerland
+41 22 794 22 23 - info@fasteris.com - www.fasteris.com

SOURCE: Fasteris SA