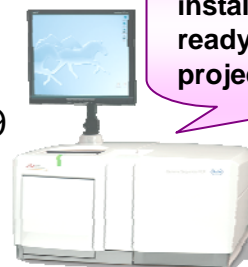


Technical Seminar

Genome Sequencer FLX



The sequencer have been installed in GRAS and is ready to proceed your project!

Date : Wednesday, September 16 , 2009

Time : 4:00 p.m. ~ 5:00 p.m.

Place : A7F Seminar Room, RIKEN CDB

Speaker : Lei Du (Director of Informatics, Roche 454 Life Science)

Topics

- Compare Genome in cost effective way
NimbleGen Sequence Capture on the GSFLX platform
- cDNA analysis without a Reference
Introduction of newly developed *de novo* cDNA Assembler
- Introduction of various applications

Abstract

Next generation DNA sequencing using the Genome Sequencer FLX (GS FLX) system provides the flexibility and power to address a broad range of research applications including *de novo* sequencing and re-sequencing of genomes, transcriptome analysis, metagenomics, and targeted sequencing of DNA regions of interest

This seminar will focus on understanding the 454 Sequencing workflow and how the GS FLX enables scientists to approach their research from a totally novel perspective. The seminar will also include a brief discussion of combining Roche Nimblegen's sequence capture technology to enrich targeted loci from complex genomic DNA with high-throughput sequencing on the GS FLX.

Contact: Masasamichi Tanaka
Applied Science Div,
Roche Diagnostics K.K.
Tel: 03-5443-5208
email:masamichi.tanaka@roche.com

Yoko Toyama
Meeting Coordinator
RIKEN CDB
Tel: 078-306-3010 (ext: 1137)
E-mail: yoko-t@cdb.riken.jp



Host : Hiroshi Tarui
Genome Resource and Analysis Unit
RIKEN CDB
Tel : 078-306-3048 (ext:4232)