cogentech

DNA Sequencing

Overview

We use automated Dye-Terminator Sequencing (Sanger Sequencing) to provide long high quality reads from the most various DNA templates. In more than 10 years we have provided service to support hundreds of basic and translational research projects. In addition, we participate in the diagnostic activity of the CGT lab.

Service

We perform standard sequencing as well as sequencing projects. We do fragment analysis for the most different applications. We assist in primer design and in data analysis.

Innovation

We routinely revise existing protocols to increase the quality of our work. In addition, we develop new techniques according to researcher's needs.

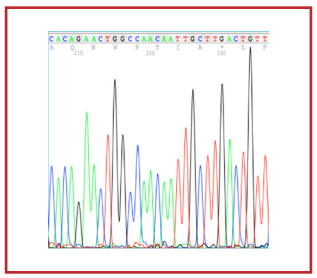
Quality

We provide read length of 600-800 bases and Universal Primers free of charge. We have a rapid turn-over time (1-3 working days) and automated data delivery in .abi format.

Our laboratory is UNI EN ISO 9001:2008 certified (n. IT256850).

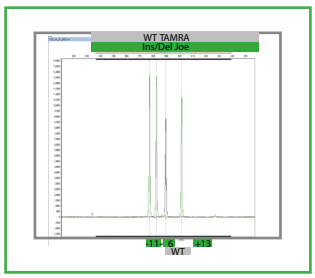
ISO 9001
BUREAU VERITAS
Certification

SEQUENCING



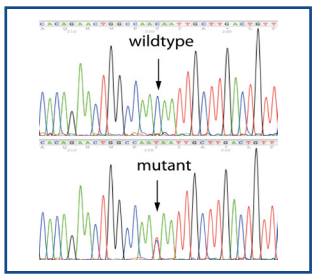
- Sequencing in single tubes and 96 well plate format
- Primer Walking
- Re-sequencing
- Variant Analysis (SNP & Mutations)

FRAGMENT ANALYSIS



- Microsatellite analysis
- Cell line verification
- CrispR/Cas9 genotyping
- MLPA

DATA ANALYSIS



- Data Analysis for Re-Sequencing and Primer Walking projects
- Data Analysis for Cell line ID and CrispR/Cas9 genotyping
- Assistance in Trouble Shooting for Standard Sequencing

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