

DNA SEQUENCING MICROBIAL QUALITY CONTROL



WHOLE GENOME SEQUENCING

Whole genome next generation sequencing

Illumina Novaseq (150PE),
Nextseq, or Miseq (300PE)

DNA extraction from single
microorganism cultures

Bioinformatic analysis



SHOTGUN METAGENOMICS

Complex community whole
genome NGS

Illumina Novaseq (150 or 250 PE)

5Gb throughput

DNA extraction from various
sources

Bioinformatic analysis



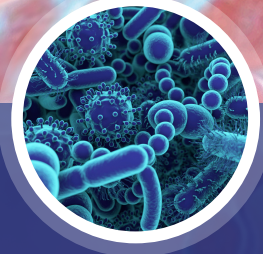
SANGER 16S - ITS

Sanger sequencing on single
bacterial or fungal colonies

96-capillary 3730xl DNA
Analyzer

DNA extraction from agar
colonies or pellets

Bioinformatic analysis



METABARCODING 16S - ITS - 18S - CUSTOM

Gene target next
generation sequencing

Illumina Miseq Platform
300PE

50K reads output

DNA extraction from
various sources

Bioinformatic analysis

DNA SEQUENCING R&D SUPPORT



BIOINFORMATICS

Metagenomics analysis
RNA-seq analysis
Variant analysis
Training



EUROPEAN PROJECTS

Research methodology design
Aim and objective definition
Collaboration throughout the
application procedure



BUSINESS SUPPORT

SALUS-NET:
An innovative B2B & B2C
interaction hub

Kit and Analysis distribution
Support for specialists
Facilitating science-to-market



CUSTOM PROJECTS ON DEMAND

Development of bioinformatic
and laboratory pipelines

Analysis and product
development for third parties

Web-based tool development for
genomic data management