



TAILORED SOLUTIONS IN GENOMICS

WORKING WITH GENOSCREEN IS A GUARANTEE...

- ✓ of more than 12 years' experience in worldwide genomics services
- ✓ of project realisation on an advanced and optimized technological platform
- ✓ of project implementation and monitoring by experts
- ✓ of flexible and available interlocutors
- ✓ of scientific partnership opportunities

GENOMIC ANALYSIS

- Sanger Sequencing
- Next Generation Sequencing (NGS) :
 - *De novo* Genome Sequencing
 - Re-sequencing
 - Targeted Sequencing
 - Exomes Sequencing
 - Transcriptomics Sequencing
 - ChipSeq Sequencing
 - Metagenomics Sequencing
- Whole Genome Mapping:
MapIt® Services
- Genotyping:
De novo Genetic Markers
 - Microsatellites: GENO SAT® Services
 - SNPs: GENO SNP Services

BIOINFORMATIC ANALYSIS

- Genomes Assembly and Annotation
- Comparative Genomics
- Transcriptomics Analysis
- Metagenomics Analysis
- Variant Detection via Exome Sequencing
- Statistical studies



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TRAININGS

- **Bioinformatics**
 Methods and tools for sequences assembly, annotation, data analysis, database creation, mutation detection...
- **Molecular Microbiology**
 Methods and tools for epidemiology of pathogens, *Mycobacterium tuberculosis* typing and genotyping, microorganism identification
- **Customized Programs**

MOLECULAR MICROBIOLOGY

- Microorganism Identification or Typing
- *Mycobacterium Tuberculosis* Typing Solutions : MIRU-VNTR Typing Kits and Services
- Molecular Analysis & Drug Resistance Prediction
- Genetic Material Preparation - available access to Biosafety Level 3 Laboratory (BL3)
- Next Generation Sequencing of Bacterial Genomes
- Complex Microbial Flora Analysis

CONSULTING & PROJECT ENGINEERING

- Your project is unique ?
- You need feasibility studies ?
- None of our offers fit your project requests ?
- You are not in the genomics field or feel not able to design a project ?

**IN ALL THESE CASES, WE OFFER TURN-KEY CONSULTING SOLUTIONS
BASED ON THE EXPERIENCE AND KNOW-HOW OF OUR EXPERTS**

R&D PROGRAM

In permanent interaction with academic and private research teams, our R&D department is continuously developing innovative molecular tools and dedicated solutions for various applications in human health, industrial microbiology, environment, biodiversity...

**DO NOT HESITATE TO CONTACT US
TO DISCUSS YOUR RESEARCH PROJECTS WITH OUR R&D EXPERTS**