



GENXMAP

Automated Genotyping

- ✓ Providing fast and high-quality results
- ✓ Personalized follow-up of your projects

Automated Genotyping

Genotyping is the process of determining the specific genetic makeup of a sample by analysing its genome. This is done by studying specific regions on the genome by different techniques that are used to detect the genetic variation between individuals.

GENXMAP proposes a large range of genotyping techniques on a daily basis, adapted to each project requirement.

Sample type and DNA purification:

- ✓ Wide range of sample species
- ✓ Wide range of sample type
- ✓ Fast and automated DNA purification

Over 30000 annually

> **GENOTYPING**

With different Methods

Various

> **Specimen** types

Reduce your workload with our genotyping service solution:

- ✓ Any sample format taken in charge
- ✓ Results delivery < 72h
- ✓ Detailed and easy-to-read reports

Available Genotyping Methods:

❖ PCR

- ✓ Results visualisation on fragment analyser (15bp resolution)
- ✓ Amplicons quantification and qualification
- ✓ Mutation follow-up (Insertion/Deletion)
- ✓ Automated reporting

Discover

> **HIGHLY** Efficient genotyping assays

❖ qPCR Analysis

- Adapted to SYBR Green or TaqMan assays
- Single Nucleotide Polymorphism detection
- Gene Copy Number Variation detection
- Automated Reporting

❖ Genotyping by Sequencing (Sanger or NGS)

- Single Nucleotide Polymorphism detection and identification
- Insertion/deletion mutation analysis
- Adapted method for primer design and validation

Our Suppliers in Automated Genotyping Processes

- Most adapted extraction method guarantee

ThermoFisher
SCIENTIFIC



Optimized
process

Automated Genotyping

We offer additional solutions combined with our genotyping service to help you to exploit the most, the genetic information of your samples and correlate it with the observed phenotype to obtain more precise sample monitoring.

SERVICES	CLASSIC GENOTYPING	FOLLOW-UP	OPTIMISATION	FOLLOW-UP + OPTIMISATION
Proposed By	Individual	Strain	Strain	Strain
➤ GENOTYPING DNA Extraction Analysis Automated Report	✓	✓	✓	✓
➤ GENOTYPING + Individual Sample Analysis Advanced Reports	-	✓	-	✓
➤ MUTATIONS FOLLOW-UP Sanger Sequencing Analysis	-	✓	-	✓
➤ GENE MAPPING Reference Control Set-up	-	-	✓	✓
➤ PRIMER DESIGN Sanger Sequencing Primer Optimization	-	-	✓	✓
➤ PCR OPTIMIZATION	-	-	✓	✓
➤ EXPERTISE Dedicated Engineer for Follow-up	-	✓	✓	✓
➤ EXPERT REPORT Trimestral Annual	-	✓	✓	✓
➤ MEETINGS In Person By Visioconference	-	✓	✓	✓



Contact us

GENXMAP

Siret : 88225368500011

9 rue Jacques Réattu, 13009 Marseille

+33(0)952797853 / +33(0)652925114

info@genxmap.com

www.genxmap.com

