



MICROSATELLITE SOLUTIONS

Discovery, markers development
and genotyping

ABOUT US :

GenoScreen is a French biotech company specialised in genomics and bioinformatics. We offer innovative services and solutions based on the characterization and exploitation of DNA/RNA molecules.

We work on all kinds of genomes (Human, animal, plant and microbial genomes) and delivers solutions and analysis tools for research groups from the private and public sectors.

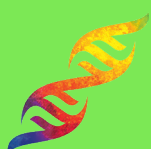
Since 2009, we have been providing simple and flexible solutions for the microsatellite

discovery using next-generation sequencing, identifying efficient markers and population genotyping. **Our standardized method can be applied on all eukaryotic genomes, and has already been validated on more than 500 different species in phylogenetic studies, biodiversity analysis or preservation programs.**

We also offer a range of genomics, metagenomics and bioinformatics services: Sanger sequencing, NGS, Molecular barcoding, Genotyping, Transcriptomics analysis etc.

YOUR NEEDS :

- **Get your microsatellite library from various species**
- **Develop relevant polymorphic markers**
- **Perform phylogenetic studies, monitor your species biodiversity**



Geno Sat® simple et flexible solutions and fragment analysis

Geno Sat®

Microsatellite discovery
using next-generation sequencing
+
Bioinformatics analysis
+
Primer pairs design on microsatellites
flanking regions



Geno Sat® Pack

Geno Sat®
+
Biological validation of primer pairs,
followed by polymorphism study of
validated primer pairs

Geno Sat® Pack +

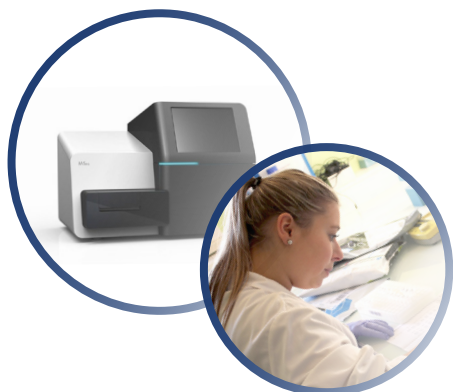
Geno Sat® Pack
+
Optimization of multiplexed PCR
and/or genotyping of large populations
using polymorphic markers of interest

We can also perform on request : biological validation / polymorphism analysis / multiplexed PCR development / population genotyping with or without analysis.

Fragment analysis

Microsatellites, STRs, AFLP, MLVA/VNTR, etc.

- Electrophoretic migration of plates on an ABI 3730XL capillary sequencer with your labeled PCR products
- Results with or without profile analysis



WORK WITH GENOSCREEN AND BENEFIT FROM :

- Cutting-edge service provision since 2001
- Personalized interaction with highly qualified staff
- Dedicated solutions to suit your needs

CUSTOMER SERVICE

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