



## SANGER SEQUENCING

### 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.

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

Our Sanger sequencing service introduced in 2001, is sure to meet your needs, regardless of your project's scale, timeline and cadence. Our flexible, responsive team of specialists will provide you with advice and support from sample preparation through to data analysis.

GenoScreen also masters next-generation sequencing. Subcontracting your analyses to GenoScreen or developing an R&D collaboration gives you guaranteed access to the last technologies and chemistries, plus a very experienced team of bioinformatics specialists.

### IF YOU WANT TO :

- **Sequence your PCR fragments and :**
  - identify and screen for mutations
  - confirm NGS data
  - identify micro-organisms
- **Validate plasmid constructs**



OUR PREMIUM SERVICE INCLUDES :

	Optimized	One Shot
• PCR fragment purification	X	X
• Sample quantification	X	X
• Personalized sequence reads-outs	X	
• Chromatogram reports	X	
• Reprocessing if required	X	
• A support hotline	X	

Protocol modifications for GC-rich sequences  
 Provision of universal primers  
 Sequencing of fragments up to 1200bp in length  
 Turnaround in under 24/48 hours

OUR ENTRY-LEVEL SERVICE INCLUDES :

NEW Mix & Run	NEW Run Only
<p><i>For DNA + primer mixtures (supplied in microplates by the customer - from 24 sequences)</i></p> <ul style="list-style-type: none"> <li>• Sequencing reactions (BigDye® Terminator)</li> <li>• Product purification</li> <li>• Migration on an ABI 3730xl analyzer</li> </ul>	<p><i>For sequencing reaction mixtures (supplied in microplates by the customer)</i></p> <ul style="list-style-type: none"> <li>• Purification of the reaction mixture prior to migration*</li> <li>• Migration on an ABI 3730xl analyzer</li> </ul> <p><i>*Option available on request</i></p>

Sequencing read-outs for fragments up to 1200bp in length\*

*\*GenoScreen cannot guarantee the highest level of sequence accuracy when the customer supplies the DNA/primer reaction mixture.*



WORK WITH GENOSCREEN AND BENEFIT FROM :

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

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