nimgenetics®

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NIMGenetics is a Genetics Diagnosis center authorized by the Health and Consumer Depar tment for the Community of Madrid, being duly registered under Nº CS10673

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Your partner in genomics

Tailored solutions for your requirements

nimgenetics®

Genomic Services for Research and pharmaceutical industry

Tailored solutions for your requirements

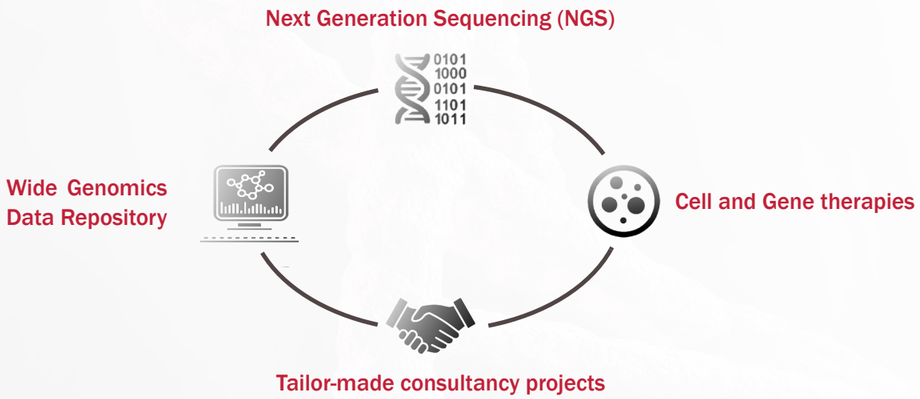
nimgenetics®

Founded in 2008, we are a multinational Spanish biotech specialized in the **design and commercialization of genetic diagnostic products and services, aimed at the healthcare field.**

International presence

Spain · Portugal · Mexico

A wide infrastructure to offer **research and pharmaceutical industry** support services with high-quality standards and certifications



Next Generation Sequencing (NGS)

NIMGenetics offers next-generation sequencing services using platforms with different abilities, with the aim of covering all types of projects, both those that require a high sequencing capacity (**NovaSeq® 6000**) and a moderate one (**MiniSeq®**).

Whole-Genome Sequencing (WGS) → Whole-Exome Sequencing (WES) → Transcriptome Sequencing (RNA-Seq)

We use state-of-the-art platforms such as DRAGEN™ for the analysis of sequencing data. In addition, we have a bioinformatic team that allows us to offer a wide range of customizable analyzes.

Wide genomics data repository

Our extensive experience in the design and use of state-of-the-art genomic and transcriptomic platforms allows us to make available to the research and pharmaceutical industry an extensive repository of genomic data with multiple applications.

+ than 15,000 NGS cases | *+ than 25,000 array-CGH*

Exome and array-CGH database with more than 25,000 samples

Tailored-made consultancy projects

Our multidisciplinary consultants team is at your disposal to collaborate in the personalized development of your project, looking for the best solutions at all times.

- **DNA-encoded chemical libraries (DEL) sequencing**
  Technology for the synthesis and screening on unprecedented scale of collections of small molecule compounds, with the aim of accelerating the screening and drug discovery process.
- **Confirm CRISPR edits and off-target analysis**
  NGS-based targeted sequencing provides a cost-effective solution for confirming CRISPR-induced edits and analyze off-target sites previously predicted *in silico*.
- **Viral genome analysis**
  Stability studies of viral vectors with use in the pharmacological field and insertion studies on the genome to analyze their specificity.

Cell and Gene therapies

Integration of the best and most adapted technologies for the control of cellular stability and cross-contamination in cell cultures, factors that are specially critical for biosafety in the handling of therapeutic cells.