



Next Generation Sequencing (NGS) Solutions



Sample Preparation

- RNA/DNA isolation
- Isolation of single cells or nuclei
- GCP and BSL2-compliant facility
- On-site sample generation:
 - Cell culture and differentiation
 - iPSCs and 3D models
 - Animal models



DNA Sequencing

- Whole genome- and exome-Seq
- Custom gene panels
- Viral genome-Seq
- CRISPR gene editing analysis
- Custom amplicon- and barcode-Seq



Epigenomics

- Bisulfite-Seq
- ATAC-Seq
- ChIP-Seq



RNA Sequencing

- mRNA and total RNA-Seq
- Ultra-low input protocols
- Single cell sequencing
- High-throughput RNA-Seq (DRUG-Seq)
- Perturb-Seq



Immune Profiling

- CITE-Seq
- TCR/BCR-Seq



Bioinformatics

- State-of-the-art data science methods & databases
- Standardized pipelines combined with custom-tailored software solutions



End-to-End Package

From Sample to Biological Insights



We help you **design NGS experiments** that accurately address your biological questions.



We assist you with **preparation** of your precious samples, including nucleic acid extraction and generation of single cell or single nuclei suspensions.



We generate and **sequence** libraries in our in-house NGS facility, supporting both standard and custom protocols.



We use standardized **bioinformatics** pipelines combined with custom-tailored solutions for the analysis of your sequencing data to fully address your project needs.



We guide you through the results and answer your questions. You receive a **comprehensive report** and the complete dataset.

Contact us

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10x
GENOMICS

Certified
Service Provider