

Genomics

NGS library preparation through whole genome, exome and targeted panel sequencing.

From library preparation to sequencing files, run in our own laboratories. Whether the study needs the whole genome, the coding regions only or a defined panel, the same chain of custody and the same QC report apply.

TECHNIQUES AVAILABLE

TECHNIQUE	WHAT IT MEASURES	TYPICAL USE
NGS library preparation	Sequencing-ready libraries from extracted DNA	Genomic, targeted and custom panel workflows
Whole genome sequencing	The genome, end to end	Structural and non-coding variation, discovery work
Exome sequencing	Deep coverage of the coding regions	Variant discovery where budget per sample matters
Targeted sequencing	A defined set of regions, sequenced deeply	Panels of biomarkers, variants or disease genes across a cohort

WHAT THESE TECHNOLOGIES LET YOU DO

Choose your depth against your budget

Whole genome, exome or a targeted panel, on the same platform and the same chain of custody.

Get files ready for your own pipeline

Sequencing files delivered securely, in the formats your team already reads.

Follow a defined gene set across a cohort

A panel built around the genes your programme actually tracks.

Start from archival material

DNA from FFPE and degraded samples is assessed on its own criteria before a run is committed.

Where this platform stops. Alignment, variant calling, annotation and interpretation are run by GenXMap's computational team, not included in a platform booking. Ask for them in the same quote.

SAMPLES, DELIVERABLES AND ORDERING

Samples. Extracted DNA, or the sample itself if extraction is part of the project.

Minimum input, concentration and quality criteria are published per sample type, including what is accepted from FFPE.

omics4.com/dna-sample-requirements

Deliverables. A QC report for every sample and secure delivery of the sequencing files.

Exports in the formats your team already imports. Turnaround published per service.

omics4.com/turnaround-times

Ordering. Request a quote with your sample type, the number of samples and the question you are asking.

We confirm feasibility before you ship anything.

omics4.com/request-a-quote

QUOTES AND ORDERING

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SAMPLES, PROTOCOLS, QC

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LABORATORY

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