Transcriptomics

Bulk and small RNA sequencing for expression profiling and transcriptome-wide analysis.

We sequence RNA and return quality-controlled data, under one chain of custody and with a QC report on every batch.

WHAT THIS PLATFORM RUNS

SERVICE OR TECHNIQUE	WHAT IT COVERS	TYPICAL USE
Bulk RNA-seq	Transcriptome-wide profiling on total or poly-A selected RNA, with stranded libraries	Comparing conditions, treatments or timepoints across a cohort
Small RNA-seq	miRNA and other small RNA profiling, with dedicated library chemistry	Regulatory RNA signatures
RT-qPCR validation	Targeted validation of key transcripts from sequencing data (PCR platform)	Independent confirmation of the genes that matter

WHAT IT LETS YOU DO

Compare conditions transcriptome-wide

Treated against untreated, timepoint against timepoint, with processed primary data ready for differential expression.

Profile small RNAs

miRNA and other small RNA profiling, with dedicated library chemistry.

Confirm before you build on it

Take a shortlist of transcripts from a sequencing result and measure them again by RT-qPCR.

Where this platform stops. Single-cell and spatial transcriptomics are available through Transcriptomics 360. Differential expression, integration across omics layers, biomarker discovery and modeling are run by GENXMAP's computational team, outside a platform order. Ask for them in the same quote and both are scoped together.

Turnaround. Standard (4–6 weeks) / Priority (2–4 weeks): business days, from GO after sample reception QC. Routine services run to 72 hours (for example genotyping once the line is validated). The date in your quote is the one that binds us.

SAMPLES, DELIVERABLES AND ORDERING

Samples. Fresh and frozen tissue, cells, blood and FFPE, among others.

RIN above 7 for total RNA. Minimum input, concentration and purity are published per service, with DV200 for degraded and FFPE material.

genxmap.com/lab/sample-submission-guidelines#rna

Deliverables. A QC report for every batch, sequencing files and, where the service covers it, processed primary data.

Quality-controlled primary data and platform documentation. Analysis and interpretation can be added to the same quote.

genxmap.com/lab/turnaround-times

Ordering. Request a quote with your sample type, the number of samples and the question you are asking. We reply within 2 business days.

Not sure of the input? We confirm it before you ship anything.

genxmap.com/contact

QUOTES AND ORDERING

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SAMPLES, PROTOCOLS, QC

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LABORATORY

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