

Multi-omics Research Solutions: From Sample to Biological Insight

Novogene supports researchers and R&D teams across **Canada** with comprehensive multi-omics solutions for academic, biotech and biopharma research. Our broad technology portfolio and bioinformatics expertise help researchers explore complex biological questions and gain deeper biological insights.

Canadian customers are supported by Novogene Europe, combining dedicated scientific and project support with access to Novogene's global technology platforms, laboratory capabilities and analytical expertise.

NOVOGENE AT A GLANCE

8,000+

Organisations served
worldwide

3 million+

Samples processed
annually

40,000+

Scientific
publications

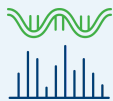
EXPLORE OUR MULTI-OMICS CAPABILITIES

Comprehensive solutions. Deeper biological insight.



Genomics

- WGS
- WES
- Targeted sequencing
- De novo assembly



Transcriptomics

- mRNA
- Total RNA
- ncRNA
- Full-length RNA



Single-cell Transcriptomics

- scRNA-seq
- snRNA-seq
- Immune profiling (TCR, BCR)



Spatial Transcriptomics

- Visium HD probe-based
- Visium HD 3'
- FFPE
- Fresh-frozen



Microbiome & Microbial Genomics

- Amplicon
- Shotgun metagenomics
- Microbial WGS
- Metatranscriptomics



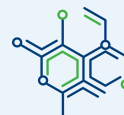
Epigenomics

- WGBS • RRBS
- 5-base • TAPS+
- Enzyme methyl-seq
- ChIP-seq • RIP-seq



Proteomics

- Olink Reveal
- Olink Explore HT



Metabolomics

- Untargeted LC-MS
- Metabolite annotation
- Pathway analysis



Long-read sequencing

- PacBio HiFi
- Oxford Nanopore



Additional sequencing services

- Pre-made library sequencing across multiple platforms
- Whole-plasmid sequencing

Selected technology platforms



Element
Biosciences



Oxford Nanopore
Technologies

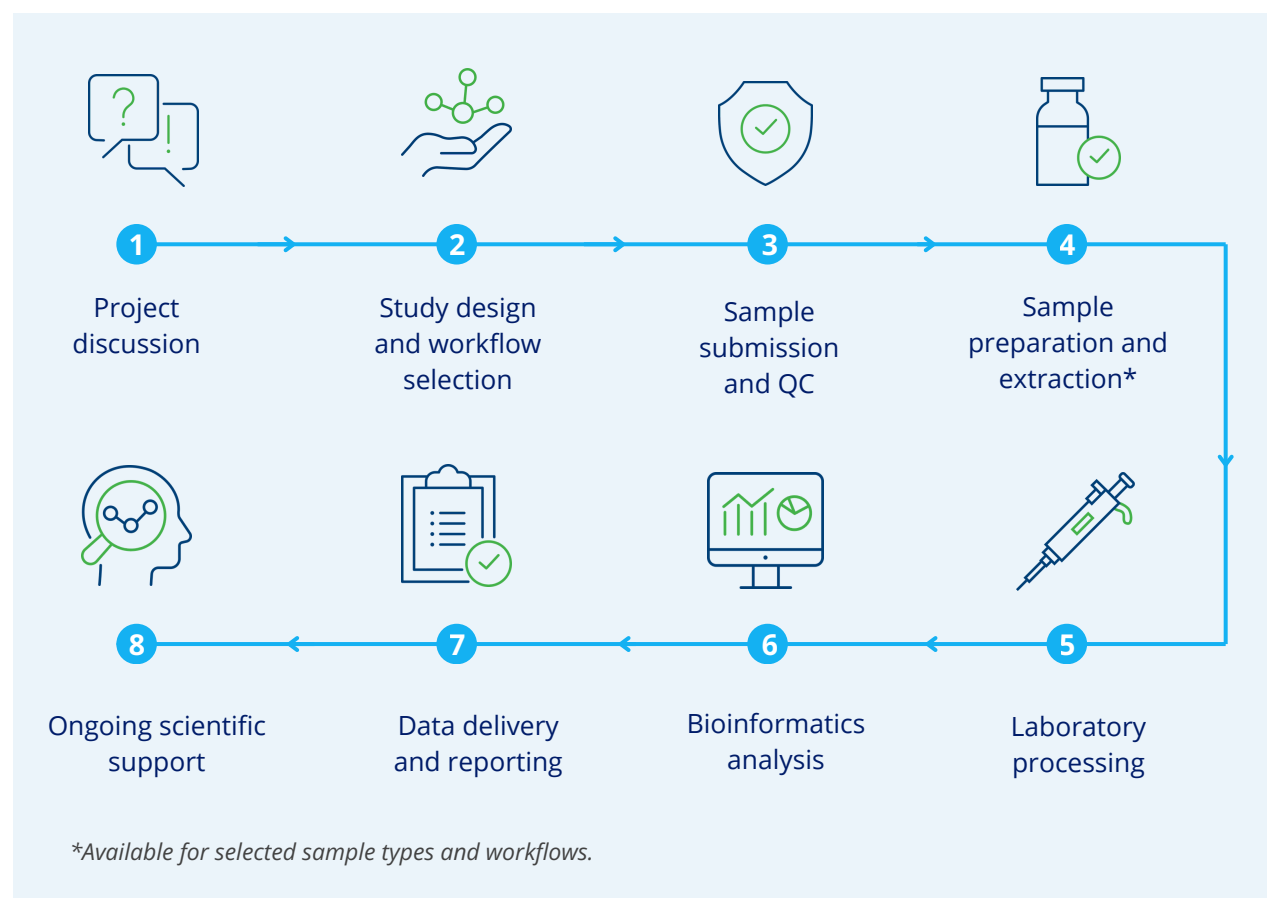


Olink



SUPPORT ACROSS YOUR RESEARCH WORKFLOW

End-to-end expertise. Reliable results. Every step of the way.



Project planning

Our experts help define your research goals and build the right multi-omics workflow around your samples, study design and extraction needs.



Data and analysis

We deliver high-quality data with clear QC summaries, analysis outputs, reports and data files ready for downstream interpretation.

Digital platforms



Customer Service System (CSS)

Manage projects online, submit sample and order information, track progress and access project documents.



NovoMagic

For selected services, explore results interactively with customised visualisations and AI-assisted tools.

YOUR RESEARCH. OUR EXPERTISE.

Connecting your research with global multi-omics capabilities.

Novogene combines broad multi-omics capabilities, scientific expertise and established laboratory workflows with dedicated support throughout your research journey.



Scientific support for Canada

Supported by Novogene Europe, customers receive scientific guidance and project support from discussion to data delivery.



Broad multi-omics coverage

A broad portfolio supports diverse research questions, from focused assays to integrated multi-omics studies.



Quality and delivery confidence

Quality-managed workflows, automation and established QC processes support consistent, dependable project delivery.



Flexible project options

Support for focused studies and larger programmes, tailored to different sample types, timelines and study scales.

Bioinformatics expertise

Established analysis pipelines and bioinformatics expertise help researchers extract meaningful insights from complex multi-omics data.

Certified service provider status*

- PacBio Certified Service Provider
- Olink Certified Service Provider

**Applies to selected Novogene sites and services; availability varies by location.*

TALK TO A SPECIALIST

Share your research question, sample type and project goals.

