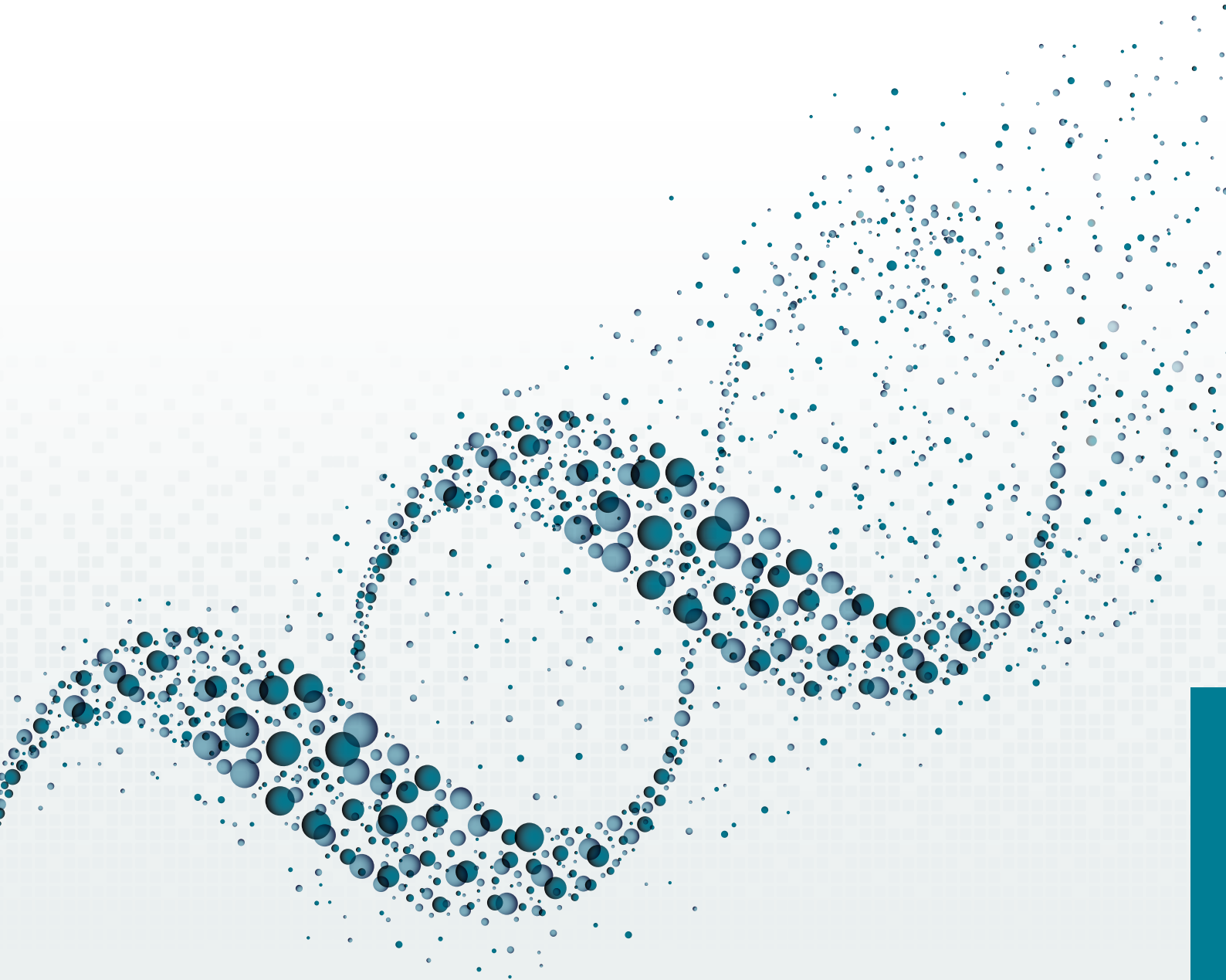
Source Genomics

Genomics Services

Where Quality Meets Genomic Innovation



About Us

The sequencing people.

Source Genomics, a part of Source BioScience, is an international provider of integrated state-of-the-art laboratory services, serving the biotechnology industry, pharmaceutical organisations, and life science academia.

Go green with your samples today – all samples are delivered to our genomics headquarters in Cambridge, where they are processed with the highest standards of quality.

Accelerate your research with the laboratory support you need for high-quality, rapid sequencing and multi-omic solutions.

Access Multi-omic Data

Epigenome	**Epigenomics** (Environmental & behavioural influences)	**Integrated multi-omic data delivery**
Genome	**Genomics** (Genetic content & mutation detection)	
Transcriptome	**Transcriptomics** (Gene expression & regulation)	
Proteome	**Proteomics** (Protein content & post translational activity)	

Centre of Excellence

Located in Cambridge, UK, Source Genomics is a leading provider of genomics services. Our management system is certified to ISO 9001:2015 and we hold close partnerships with leading technology providers including Element Biosciences, Illumina, Olink, Oxford Nanopore Technologies, Stilla Technologies and more.

Industry-leading Turnaround Times

We have a nationwide courier network for the rapid transportation of your samples straight into our laboratories, enabling our scientists to process and deliver your data at unrivalled turnaround times.

Sequencing Submissions	Data Arrivals
WHOLE GENOME SEQUENCING	ON TIME
RNA SEQUENCING	ON TIME
PROTEOMICS	ON TIME
NANOPORE PLASMID SEQUENCING	12 HOURS
RAPID SANGER SEQUENCING	12 HOURS
BIOINFORMATICS	ON TIME
METAGENOMICS	ON TIME
TARGETED SEQUENCING	ON TIME
AMPLICON & LARGE CONSTRUCT SEQUENCING	12 HOURS
DIGITAL PCR	ON TIME

Rapid Sanger Sequencing

Over 20 years' experience providing market-leading rapid Sanger sequencing services with high data quality and data delivery within 12 hours of sample receipt.

Our sequencing service offers:

1. Overnight Service™ collection boxes with results by 9am next day
2. Free troubleshooting and repetition of failed samples
3. Up to 1,400bp sequencing reads

Access at your fingertips:

- 40 Source Genomics stock primers free of charge
- Free sample and primer storage
- Prepaid sequencing eVouchers offering pricing benefits

NGS

A comprehensive suite of NGS services provided on Element Biosciences AVITI™, Illumina NovaSeq, NextSeq, NovaSeq X Plus and MiSeq platforms.

- **RNAseq transcriptomics** (poly-A, RNA depletion, ultra low input)
- **WES** (Agilent SureSelect, IDT exome)
- **WGS** (mammalian, plant, bacterial)
- **Methylation studies**
- **10x Genomics – single-cell library prep** (post GEM) & Visium (from FFPE tissue)
- **Provider of BD Rhapsody library preparation**
- **Single-cell library preparation**
- **Provider of TruSight Oncology 500 library preparations**

Digital PCR

In partnership with Stilla Technologies, Source Genomics offers dPCR services using the advanced Nio instrument.

dPCR offers absolute nucleic acid quantification by partitioning samples into thousands of tiny reactions, unlike traditional qPCR, which provides relative measurements. This eliminates the need for standard curves.

Key Benefits:

- **Higher Sensitivity** – Detects low-abundance targets, even in complex samples.
- **Absolute Quantification** – No reference standards or calibration needed.
- **Improved Precision & Reproducibility** – Ideal for rare mutation detection and copy number analysis.
- **Inhibitor-Resistant** – Works well with challenging samples.

Amplicon Sequencing

Our NGS amplicon sequencing package offers flexible submission options: amplicons with Illumina adapter sequences for indexing or blunt-end amplicons for ligation-based library preperation.

Sequencing is performed on the Element BioScience AVITI platform (300 PE run), delivering at least 100,000 reads per sample with >85% Q30 data quality—outperforming competing platforms. We also support metagenomics projects, including 16S, 18S, and ITS amplicon sequencing.

Whole Plasmid Nanopore Sequencing

Amplicon
Analyse specific regions of DNA

Nanopore30
Rapid sequencing & assembly of plasmids up to 30kb

Nanopore150
Sequencing & assembly of plasmids/ BACs up to 150kb

Nanopore300
Sequencing & assembly of plasmids/ BACs up to 300kb

Olink Proteomics

Accelerate your biomarker research

Olink uses innovative PEA technology to enable the analysis of thousands of proteins simultaneously, with increased specificity and sensitivity.

Source Genomics - first UK-based service provider of the full breadth of the Olink Proteomics portfolio. Accelerate your proteomics research from discovery through to validation and clinical utility.

Quantify 5,400+ proteins with proven specificity to gain an understanding of disease at the protein level.

Oxford Nanopore Sequencing

Source Genomics is a high-quality, UK-based service provider of Oxford Nanopore Technologies (ONT) for rapid, long-read, real-time sequencing of DNA or RNA.

Plasmid Sequencing	Whole Genome Sequencing with Epigenome	RNA Sequencing	Bacterial Whole Genome Sequencing	16s and Metagenomics	Adeno-associated Virus Sequencing (AAV)
Analyse plasmid constructs	Explore the entire human and mammalian genome	Quantify isoform expression	Generate microbial genome assemblies	Full-length 16s rRNA gene sequencing	Full-length native AAV genomes, including ITRs
Characterise unknown plasmids		Bulk or single cell preparations		Precise taxonomic classification	
Validate known plasmids		Utilise the power of 10X technology			

High-Throughput Extractions

Access high-throughput extraction services with a fleet of Chemagic 360 & Kingfisher Flex extraction robots.

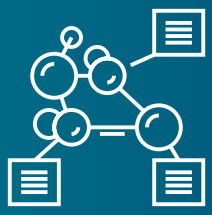
Obtain high yields of ultra-pure DNA & RNA, suitable for a wide range of downstream sequencing & PCR applications.

We routinely extract from the following sources:

- gDNA from saliva, blood, buffy coat, tissue & cells
- RNA extraction from blood, tissue & cells
- ctDNA / cfDNA from plasma
- gDNA from buccal swabs, stool & environmental samples

Why Source Genomics?

Enhancing research capabilities in drug and biomarker discovery. Source Genomics is your trusted laboratory service partner for rapid sequencing and scalable multi-omics projects.



Multi-omics service offering

ISO 9001:2015 accredited laboratories

Market-leading turnaround times

UK-based sample processing

Real-time sequencing of whole plasmid DNA with data delivery within 12 hours from sample receipt

Cambridge-based laboratories - at the heart of innovation

Hear From Our Partners

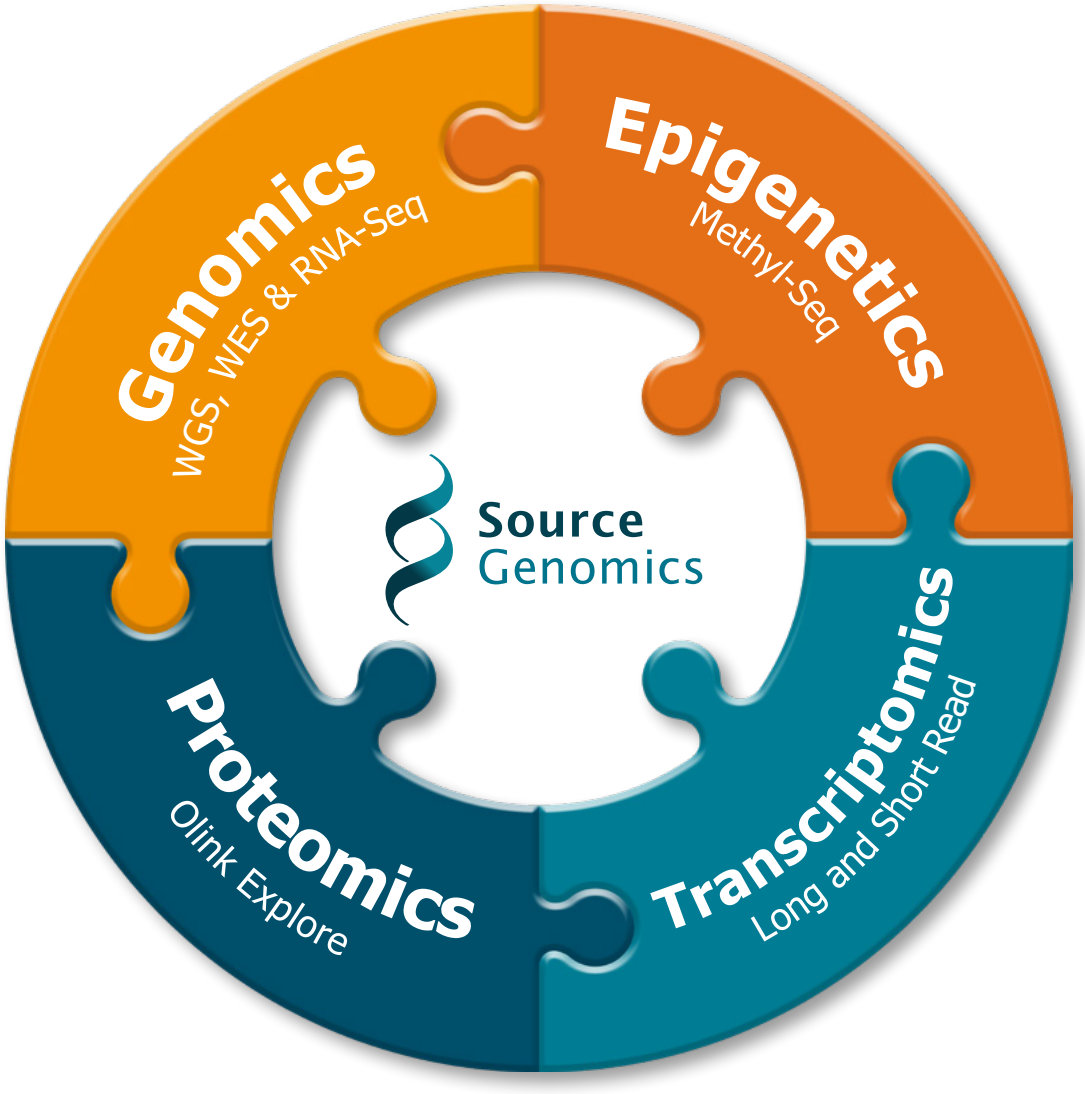
> “You’ve enabled us to progress our research platform faster and further than we would have done on our own.”

> “Efficient service with friendly staff to help with any extra requirements.”

> “The close proximity to the laboratory and your team’s flexibility/availability has proven to be very helpful for us in reducing the time needed for our sequencing projects.”

A Multi-omic Approach to Research

Source Genomics is committed to supporting research at every biological level to push forward research and discovery across genomic medicine.



Contact the Team

sourcebioscience.com
enquiries@sourcebioscience.com

VISIT WEBSITE

Information correct at time of print March 2025