



## Transcriptomics Research Outsourcing Services

Our transcriptomics research outsourcing services empower researchers to explore gene expression landscapes using high-throughput sequencing, robust bioinformatics pipelines, and advanced data interpretation.

### Our Transcriptomics Research Capabilities

Our molecular biologists and bioinformaticians deliver high-quality RNA sequencing, differential expression analysis, and integration with other omics data for comprehensive transcriptome profiling.

### Types of Transcriptomics Research We Handle

- Bulk RNA Sequencing
- Single-Cell RNA Sequencing
- Small RNA Sequencing
- Long-Read RNA Sequencing
- Gene Expression Quantification
- Differential Expression Analysis
- Alternative Splicing Detection
- Transcript Isoform Discovery
- Non-Coding RNA Profiling
- Fusion Gene Identification
- Time-Series Expression Studies
- Pathway Enrichment Analysis
- Co-Expression Network Analysis
- Integration with Genomics and Proteomics
- Validation via qRT-PCR
- Custom Transcriptome Assembly
- Comparative Transcriptomics
- Publication-Ready Transcriptomics Data
- Regulatory-Compliant Transcriptomics Reports
- Cross-Lab Validation of Transcriptomic Pipelines
- Custom Transcriptomics Research Projects

## Key Research Outsourcing Services Offered

- RNA Extraction and QC
- Library Preparation and Sequencing
- Bioinformatics Analysis and Data Cleaning
- Gene Expression Profiling
- Differential Expression and Clustering
- Alternative Splicing and Isoform Analysis
- Single-Cell Data Processing
- Pathway and Functional Annotation
- Data Visualization and Heatmaps
- Validation via qPCR or ddPCR
- Publication-Ready Figures and Reports
- Stakeholder Presentation Preparation
- Confidential Data Handling and NDA
- Interim Progress Updates and Technical Reports
- Workshops and Training in Transcriptomics
- Post-Project Technical Consulting
- IP and Patent Filing Support for Findings
- Grant Proposal and Manuscript Assistance
- Secure Data Storage and Archiving
- Compliance with GLP, ISO, FAIR Standards
- Cross-Lab Pipeline Validation
- Collaboration with Genomics and Proteomics Labs
- Long-Term Transcriptomics Partnerships
- Custom SOP Development for RNA-Seq Labs
- Regulatory Dossier Preparation for Approvals
- Market-Ready Transcriptomics Reports

## Why Choose Us for Transcriptomics Research Outsourcing?

Our expertise in cutting-edge sequencing platforms, robust bioinformatics pipelines, and multi-omics integration ensures accurate, insightful transcriptome data for diverse biological systems.

## Industries & Sectors We Serve

- Pharmaceutical and Biotech R&D
- Academic Gene Expression Research Labs
- Clinical Research Organizations (CROs)
- Personalized Medicine and Diagnostics Firms
- Agricultural and Plant Transcriptomics Labs
- Regulatory and Compliance Agencies

## Customized Transcriptomics Solutions

We deliver tailored RNA-Seq experiments, gene expression analyses, and integrated datasets aligned with your biological questions and regulatory requirements.

## Quality Assurance & Regulatory Compliance

Our transcriptomics workflows follow GLP, ISO, and FAIR guidelines to ensure robust, reproducible, and regulator-ready deliverables.

## Case Studies & Client Success Stories

Discover how our transcriptomics outsourcing has revealed gene expression biomarkers, regulatory mechanisms, and disease progression signatures. References available on request.

## How It Works: Our Research Outsourcing Process

1. **Requirement Gathering:** Define target samples, sequencing depth, and research goals.
2. **Proposal & Quotation:** Provide detailed plan, sequencing platform, timeline, and budget.
3. **Sample Processing and Sequencing:** Extract RNA, prepare libraries, and perform sequencing.
4. **Bioinformatics Analysis:** Analyze data, perform expression profiling, and generate reports.
5. **Reporting:** Deliver raw data, annotated results, and publication-ready files.

## Frequently Asked Questions (FAQs)

**Q:** Can you process single-cell RNA-Seq data?

**A:** Yes — we handle single-cell libraries and downstream analysis.

**Q:** Do you validate RNA-Seq findings?

**A:** Absolutely — we offer qPCR or ddPCR validation for key transcripts.

**Q:** How secure is my transcriptomic data?

**A:** We enforce strict NDAs, secure storage, and complete IP protection.

## Get Started / Request a Quote

Contact us today to discuss your transcriptomics project and receive a custom plan, timeline, and cost estimate tailored to your research goals.

## Contact Us

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