

SERVICES

Functional Genomics

End-to-end bulk RNASeq and scRNASeq workflows — experimental design, QC, differential expression, clustering, trajectory analysis, and reproducible pipelines for publication-ready results.

Spatial Transcriptomics

Spatially resolved analysis with 10X Visium/VisiumHD and MERFISH. Maps gene expression to tissue architecture, integrates histology, and identifies spatial domains and cell-cell neighborhoods.

Proteomics

Quantitative proteomics from OLINK panels to discovery mass spectrometry — rigorous QC, differential protein testing, pathway interpretation, and biomarker discovery.

Disease Genomics

Complete WES/WGS processing and GWAS pipelines — variant calling, annotation, association testing, rare-variant analyses, and clinically oriented variant prioritization.

Epigenomics

Regulatory landscape profiling via ChIP-Seq, CUT&RUN, and DNA methylation — peak/DMR discovery, differential testing, motif annotation, and expression data integration.

Multi-Omics Integration

Cross-platform harmonization and integrative modeling to reveal coherent molecular signatures across genomics, transcriptomics, proteomics, and epigenomics.

Data Visualization & Reporting

Publication-quality figures and interactive dashboards with clear, reproducible reports that communicate results to scientists and stakeholders.

R Shiny Web Applications

Prototype-to-production Shiny app development with intuitive UX, deployment, documentation, and optional user training or hosting.

Machine Learning for Biomedical Data

Robust ML model development for prediction and biomarker discovery — careful cross-validation, feature selection, and explainability.

ENGAGEMENT & PRICING

Quick Consult / Troubleshooting / Mentoring**\$100 / hr**

1–4 hours

Standard Bulk RNA-Seq Analysis**\$2,000 - \$4,000**

Data processing, QC, normalization, differential expression, enrichment analysis, basic plots & short report.

Specialized Bulk RNA-Seq Analysis**Custom Quote**

Co-expression network analysis (WGCNA), protein-protein interaction, tissue-specific gene enrichment, and other project-specific analyses.

Single-Cell RNA-Seq Basic Analysis**\$4,000 - \$8,000**

Processing, QC, integration, cell type annotation, cell marker identification, basic visualization & short report.

Specialized Single-Cell / Multimodal Analysis**Contact for Pricing**

Cell trajectory, cell-cell communication, proportion analysis, scRNASeq variant calling, TCR/BCR reconstruction, and custom analyses.

Proteomics Analysis**\$2,500 - \$6,000**

QC, normalization, differential expression, enrichment analysis, basic plots & short report.

Other Data Types & Services**Contact for Pricing**

Epigenomics, disease genomics, multi-omics integration, ML pipelines, and custom projects.

* Additional costs may apply for computing and data storage. Prices reflect estimated hours and may vary with project complexity.

WHO WE WORK WITH

We partner with **academic research labs and institutions**, small and mid-size **biotech and pharma companies**, and **hospitals** to support biomarker discovery and genetic target diligence. We build robust analytical pipelines, analyze and integrate public and client NGS datasets, apply machine-learning methods, and deliver clear, publication-ready data visualizations.