

SEQUENCING PLATFORMS

- NovaSeq X Plus
- NovaSeq 6000
- NextSeq
- MiSeq
- MinION/GridION
- PacBio Revio
- Ultima UG100

LABORATORY SERVICES

DNA Sequencing

- Whole Genome (WGS)
- Whole Exome (WES) + Hi-C/3C
- Bulk TCR, BCR, ATAC
- PCR Amplicons & Plasmids
- Metagenomics / Microbiome
- Non-Model Organisms
- GUIDE-seq

CLIA/CAP Pre-Clinical & Clinical Services

- Clinical WGS
- Clinical Metagenomics
- Custom Assays
- Histopathology

Nucleic Acid Extraction

- DNA or RNA
- DNA / RNA Co-Extraction
- Challenging / Degraded Samples
- smRNA/miRNA
- Blood, Cells, Tissue, Soil
- Human, Animal, Fish, Plant, Insect, Environmental, FFPE
- Other Non-Model Organisms

RNA Sequencing

- Bulk mRNA & Bulk Total RNA
- Non-Coding RNA
- miRNA & Small RNA
- FFPE RNA
- Exosome
- gRNA

Epigenome Sequencing

- Bulk ATAC-Seq
- Methylation (Methyl-Seq)
- Single Cell ATAC-Seq
- Chromatin Immunoprecipitation (ChIP-Seq)
- Multiome

Spatial Transcriptomics & Proteomics

- CytAssist
- Visium HD
- Histopathology
- Spatial + High-plex Protein Detection
- Human Discovery Panel
- Olink Reveal

Single Cell Sequencing

- Single Cell Gene Expression
- Immune Profiling (TCR/BCR)
- Multiome (GEX + ATAC)
- CRISPR Detect
- 10x Genomics
- Parse Biosciences

Histopathology

- Tissue Processing (FFPE & Frozen)
- Tissue Microarrays (TMA)
- Hematoxylin & Eosin (H&E)
- Immunohistochemistry (IHC) + IF
- Automated Scanning
- Pathologist Review and scoring

Bioinformatics

- DNA & RNA
- Targeted
- Single Cell
- Spatial Transcriptomics
- Epigenetics
- Immune Profiling
- De Novo Assembly
- Custom Analysis
- Long & short read hybrid analysis

UNIVERSAL SERVICES

- Short & long read Sequencing
- Pre-Made Library Sequencing
- Custom Library Sequencing
- Express Service
- Fetch-Seq: On-demand sample courier service
- Onsite-Seq: Single-cell processing service in your lab
- Project Planning & Consultation Services

