

# Transform your research with Scale Bio Services

## Single Cell Sequencing Services

Single cell analysis is an innovative technology used across diverse disciplines including drug target discovery, cancer research, neuroscience, and beyond. Scale Bio's Service Lab is here to assist you whether you are just getting started in your single cell journey or are a single cell expert. Partner with our Service Lab to get your single cell projects done faster - we offer comprehensive services for projects large and small so you can focus on your research breakthroughs. Our team of single cell experts can help with experimental design, process and sequence your samples, and provide processed data files.

### When you partner with us, you gain:

- Guidance on project design and sample preparation
- Library preparation and processing by single cell experts
- Rapid turnaround time to go quickly from sample to data
- Lower computational burden by having us run your data analysis on SeqSuite pipeline
- Flexible service options including full library sequencing and additional bioinformatic analysis

## Services we offer

### Transcriptomics

#### Single Cell RNA Sequencing Service

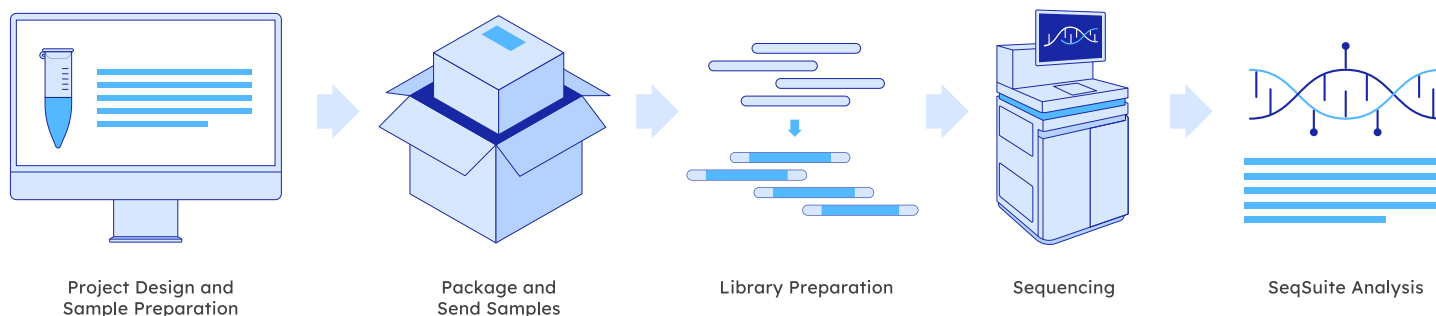
- Flexible cell throughput, from 1 million to 2 million cells or nuclei on QuantumScale, or 125k to 500k on Single Cell RNA Sequencing platform
- Lock in biology using our fixation kit before shipping your samples
- Have confidence in your results with our robust chemistry enabling high sensitivity and low multiplet rates
- Take advantage of our streamlined multiplexing technology, ScalePlex, to save time when preparing many samples

### Functional Genomics

#### Single Cell CRISPR Guide Enrichment Service

- Simultaneously profile single cell transcriptional responses and guide RNA identity from 125k to 500k cells per run
- Flexible capacity enables tens to hundreds of perturbations per experiment
- Scale to multiple conditions or drugs while streamlining sample multiplexing with ScalePlex
- After cell transduction and selection, simply use our fixation kit and ship your samples
- Fully compatible with Cas9 CROP-style vectors

## How it works



# Epigenomics

## Single Cell Methylation Sequencing Service

- Access the first and only commercial platform for single cell methylation sequencing
  - Flexible throughput from 4,100 to 16,400 nuclei per run
- Trust our powerful chemistry to interrogate up to hundreds of thousands of CpG and CH sites per cell
  - Demonstrated low multiplet rate of 8%

## Service packages for single cell RNA sequencing

Package	Sequencing	Sample Input	Deliverables	Cost
RNA Library Prep	Subset Sequencing	Fixed and counted cells	QC Report –No data shared	Included
			Meeting to review QC report	Included
RNA Library Prep + Full Sequencing	Full Sequencing	Fixed and counted cells	QC Report	Included
			Meeting to review QC report	Included
			<a href="#">Data Files</a> - ScaleBio SeqSuite Pipeline Output	Included
			ScaleRNA allCells.csv	
			Fastqc/MultiQC	
			Cell Barcode Stats (QC)	
			Fastqs, Gene Expression Matrix (MTX file)	
			Data Transfer-AWS S3	Included

## Service packages for single cell methylation sequencing

Package	Sequencing	Sample Input	Deliverables	Cost
MET Library Prep	Subset Sequencing	Fixed and counted nuclei	QC Report	Included
			Meeting to review QC report	Included
MET Library Prep + Full Sequencing	Full Sequencing	Fixed and counted nuclei	QC Report	Included
			Meeting to review QC report	Included
			<a href="#">Data Files</a> - ScaleBio SeqSuite Pipeline Output	Included
			ScaleMethyl allCells.csv	
			Fastqc/MultiQC	
			Cell Barcode Stats (QC)	
			Per-cell methylation coverage (.cov)	
			Genome-bin methylation matrix (.mtx)	
			Additional Data Files	Optional
			Alignments (BAM)	
			Bsbolt BAMs	
			ScaleMethyl Deduplicated BAMs	
			Amethyst h5 coverage files	
			ALLCools allc files	
			Data Transfer-AWS S3	Included

All services include library preparation from fixed cells or nuclei, a QC sequencing run and optional full sequencing run, and data transfer of SeqSuite file outputs.

To learn more, visit our Services page at <https://scale.bio/single-cell-product-services/>



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