

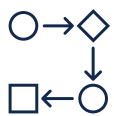
Transform Your Single-Cell Multiomics Data into Actionable Knowledge

BaseJumper Bioinformatics Platform



Comprehensive multiomic analysis platform

Explore single-cell multiomic data in a single, cloud-based platform.



No coding expertise required

Leverage pre-built and industry-standard bioinformatics workflows to accelerate the interpretation of large data sets.



Flexibility

Import and integrate multimodal analyses from different analytes, single-cell sequencing technologies, and sequencing platforms.



Generate publication-quality figures

A suite of visualization apps displays data in export-ready formats.



Distill complex data into meaningful biology

Dynamically filter through millions of data points to identify potential biomarkers.



Access



BaseJumper

Build



Compute



Discover



Export

Figure 1: Data analysis and visualization at your fingertips.

Users can access BaseJumper through the online portal. They can build their datasets from multiomic analyses and select pre-designed bioinformatics workflows. Computational workflows are computed in the cloud, decreasing the dependence on users' access to computing resources. Data are displayed in easy-to-interpret and ready-to-export formats that can be readily used in scientific posters, presentations, and publications.



Product Summary

- RNA/DNA pre-designed analysis workflows
- Quality control (QC) tools
- Dynamic data filtering
- A suite of visualization apps including, but not limited to examples in Figures 2–4
- Self-service or fee-for-service bioinformatics available

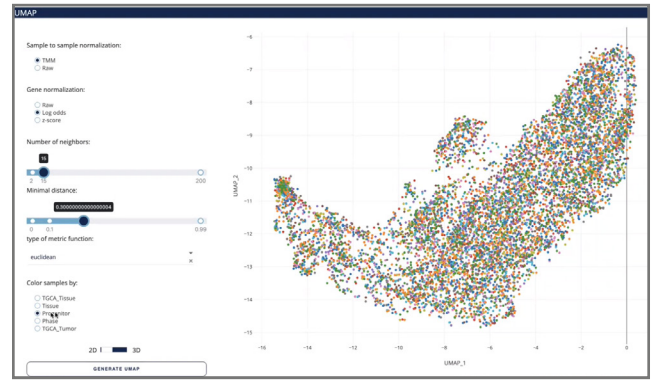


Figure 2: BaseJumper embedded UMAP data visualization. Explore relationships between cell types.

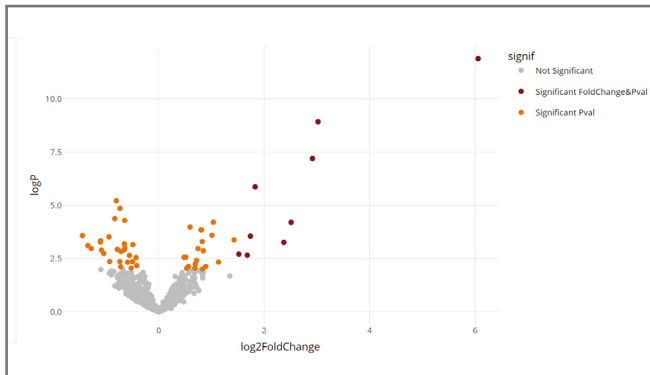


Figure 3: BaseJumper embedded volcano plot data visualization. Evaluate differential gene expression between cell types.

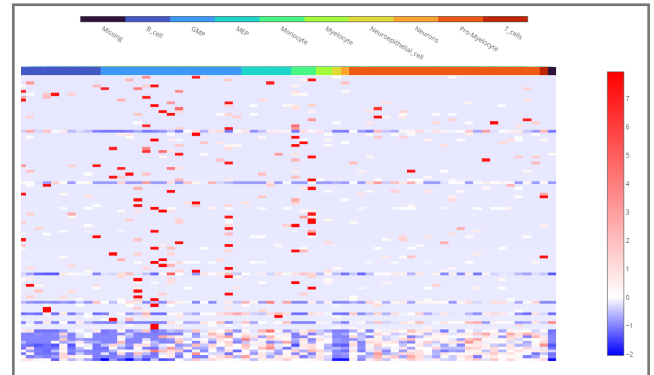


Figure 4: BaseJumper embedded heatmap data visualization. Determine relationships between cell types and gene expression.

Products

Codes	Product	Description
100956 100957	ResolveOME™ Whole Genome and Transcriptome Single-Cell Core Kit	PTA-based kit for whole genome and transcriptome amplification plus NGS library preparation from single cells. 96 or 384 reaction formats.
100954 100955	ResolveDNA® Whole Genome Single-Cell Core Kit	PTA-based kits for whole genome amplification plus NGS library preparation from single cells. 96 or 384 reaction formats.
100545	ResolveDNA® Whole Genome Amplification Kit	PTA-based kit for whole genome amplification from as little as 4 pg input DNA. Capable of 96 or 384 reactions.
100605	BaseJumper® Bioinformatics Platform	A platform for multiomic data analysis and visualization.
Early- Access	ResolveXOME™ Exome Capture Module	Exome capture module for use with ResolveDNA or ResolveOME Single-Cell Core Kits.

For a complete list of services, products, and pricing, email a member of our team, info@bioskryb.com



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