BaseJumper™

BioSkryb GENOMICS

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

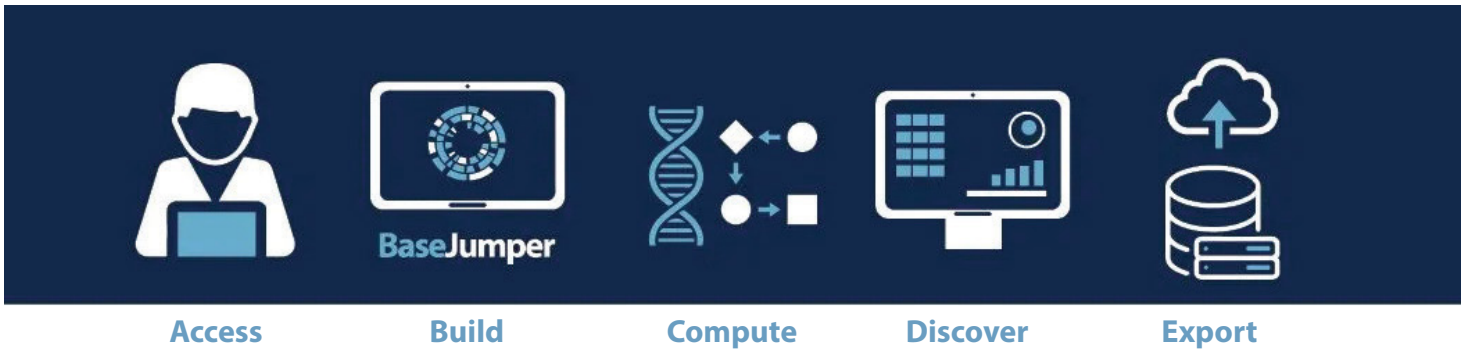

Figure 1: Data analysis and visualization at your fingertips. Users can access BaseJumper through the online portal. They can build their datasets from multiomic analyses and select pre-designed bioinformatics workflows. Computational workflows are computed in the cloud, decreasing the dependence on 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

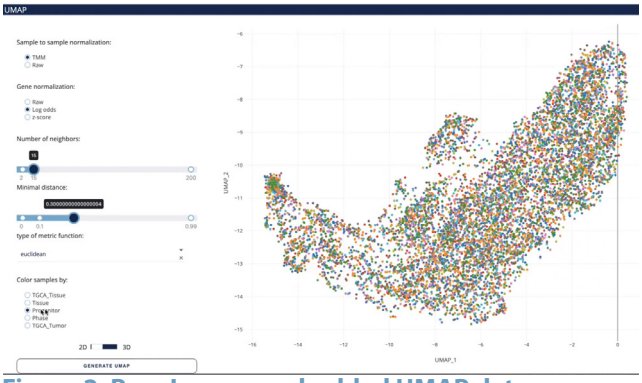

Figure 2: BaseJumper embedded UMAP data visualization. Explore relationships between cell types.

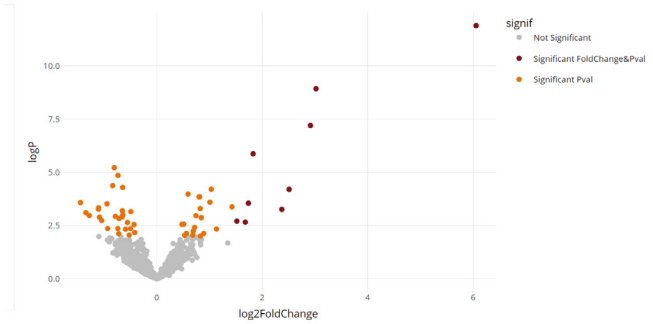

Figure 3: BaseJumper embedded volcano plot data visualization. Evaluate differential gene expression between cell types.

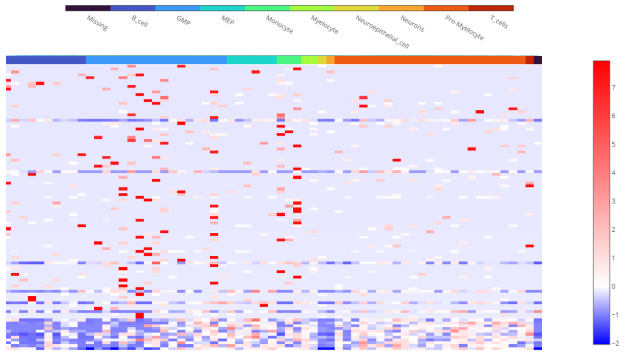

Figure 4: BaseJumper embedded heatmat data visualization. Determine relationships between cell types and gene expression.

Products

Code	Product	Description
100500	ResolveOME™ Whole Genome and Transcriptome Amplification System	PTA-based kit for accurate and reproducible whole genome and transcriptome amplification.
100545	ResolveDNA® Whole Genome Amplification Kit	PTA-based kit for accurate and reproducible whole genome amplification from single cells and low-input DNA inputs.
100605	BaseJumper™ Bioinformatics Platform	A complete bioinformatics solution for multiomic data analysis and visualization. https://www.bioskryb.com/basejumper/

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

BioSkryb GENOMICS

bioskryb.com

For Research Use Only. Not for Use in Diagnostic Procedures.

All data on file.

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