

GPU accelerated single-cell bioinformatic pipeline bundles with publication ready graphics

Introducing BaseJumper Services Pipeline Bundles

BaseJumper Services, through ResolveServicesSM, offers comprehensive bioinformatics pipeline bundles, designed to answer your most common research questions. Built directly on BioSkryb chemistries, these pipelines provide unmatched accuracy in variant calling, deliver somatic calls, and publication-ready figures. These exclusive analysis pipeline bundles are powered by NVIDIA® Parabricks® and Google® DeepVariant.

DeepVariant Pipeline with Somatic Heuristic Filtering Bundle

Questions answered

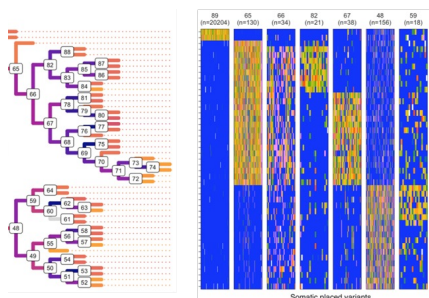
How do I detect the evolution of rare somatic variants/clones?

How do I visualize and explain clonal architecture?

How do I define my clonal dynamics?

Outputs

- Phylogenetic trees
- Evolutionary node analyses



Cell and Gene Therapy Pipeline Bundle

Questions answered

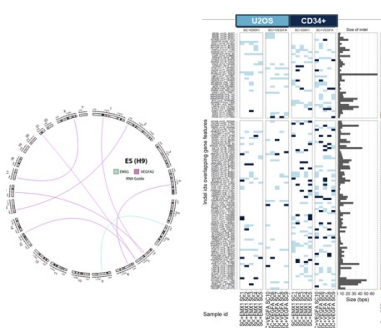
What do my on-target edits look like?

What is the extent of genome-wide off-target changes?

What is my editing efficiency?

Outputs

- Circos plot
- Site specific variation
- Off-target prediction
- Edit summary heat map (including zygosity)



Neoantigen Detection Pipeline Bundle

Questions answered

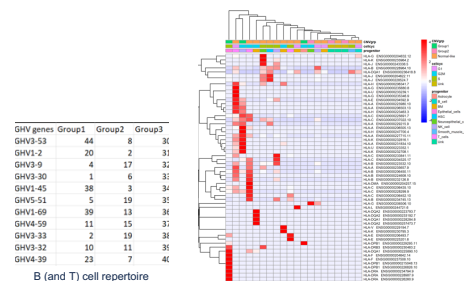
What neoantigens are present in my cells?

Can I delineate TCR/VDJ clonality or rearrangements?

How do I visualize biomarker target discovery?

Outputs

- Biomarker heat map
- HLA mapping
- B/T cell repertoire
- Predicted peptides



Don't see what you need? Customized bioinformatic pipelines and figure generation services are available through BaseJumper Services. Scan the QR code to get in contact with us.

BIOSKRYB, RESOLVESERVICES, and BASEJUMPER are trademarks of BioSkryb, Inc. All other product names and trademarks are the property of their respective owners. All data on file.

© 2025 BioSkryb, Inc. All Rights Reserved

TAS_096| 10/2025

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

