

# Accelerate your single-cell studies with Illumina Connected Multiomics

Powerful, intuitive, scalable multiomic analysis



Illumina Connected Multiomics enables researchers of all skill levels, including those without advanced bioinformatics expertise, to intuitively analyze large and complex single-cell data at scale and combine single-cell data with other omics data and modalities.

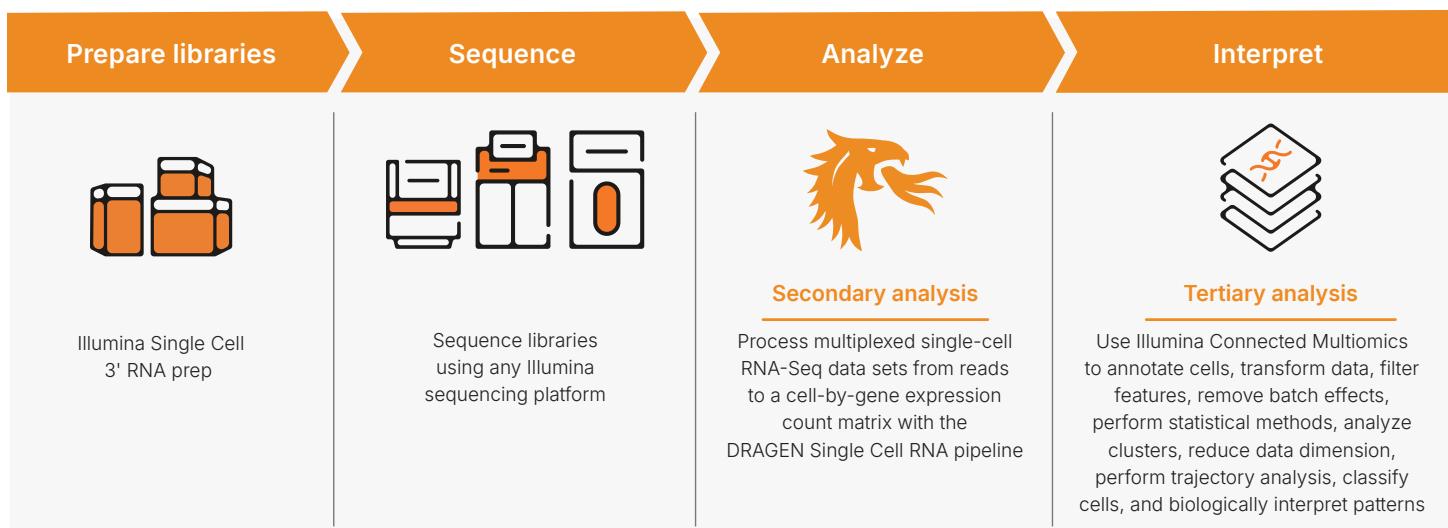


## Connected workflow

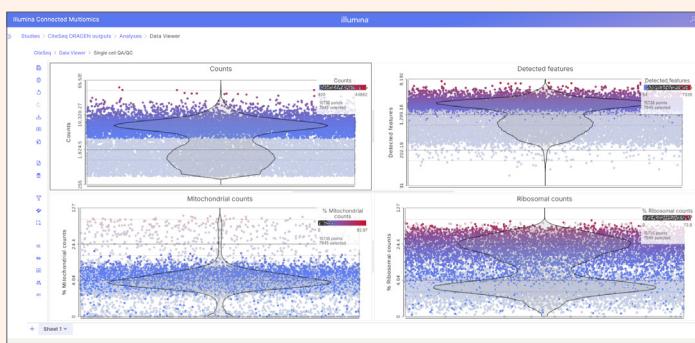
Optimized for the Illumina Single Cell 3' RNA Prep kit and leveraging a custom DRAGEN™ Single Cell RNA pipeline, the streamlined analysis workflow lets you accurately map and align up to one million samples, perform cell classification, build data visualizations, and interpret biological findings. For maximum flexibility, Connected Multiomics also supports select third-party single-cell assays and tools.

### Advanced features include:

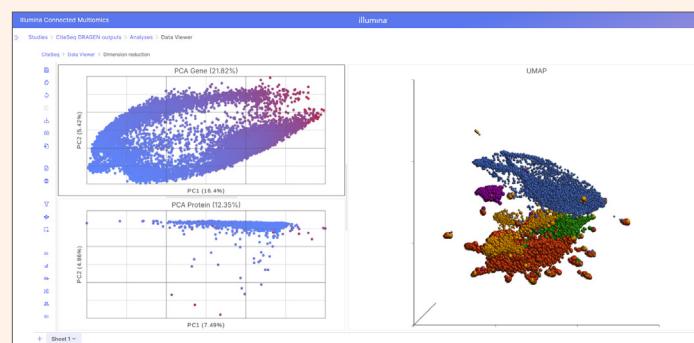
- ✓ Dimensionality reduction
- ✓ Differential analysis
- ✓ Clustering and classification
- ✓ Survival analysis
- ✓ Trajectory analysis
- ✓ Biological interpretation



## Bring your single-cell studies to life with beautiful, interactive visualizations



Perform cell-level QC interactively and filter cells based on UMI count, detected genes, mitochondrial, and ribosomal counts.



Simultaneously explore multiple modalities within single-cell datasets through 2D and 3D plots, with options to isolate or integrate cells for a more comprehensive analysis.

