

VERSION 9.0 Dimensionality Reduction Suite

## TIME MATTERS: VISUALIZE YOUR RESULTS, FASTER

### New, faster algorithms for dimensionality reduction

Join the Cytobank platform and access the computational power of the cloud; use faster implementations of dimensionality reduction algorithms with no need for powerful desktop hardware or programming skills.



Widely believed to preserve global structure better than other solutions. Join the team and analyze up to 10M events using GPU-UMAP.



Run up to 10M events in less than an hour\* and get the SNE maps you're familiar with. Capture even subtle differences within cellular subsets.

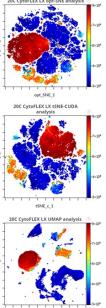


\* Time might vary depending on dataset

Enable optimal data resolution in t-SNE space and precise data interpretation by automating the selection of settings. Start your run with up to 3M events.

#### Accelerate the time to results with the "Compare" function

Want to explore all the available option on your data or compare results of different algorithms? Easy, just run UMAP, tSNE-CUDA or opt-SNE on the same data set. Visualize and study results directly on the Analysis Setup page.



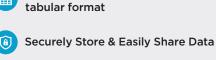
UMAP\_1

# The Cytobank platform is a cloud-based single-cell analysis solution for high-dimensional data, visual data management and controlled sharing.



#### Get Personalized Support

Our Application Specialists at Cytobank\_Support@beckman.com Your local sales representative at Cytobank\_Sales@beckman.com





Support Articles at support.cytobank.org

Videos and more in the Cytobank Learning Center on beckman.com

Organize Data & Create Auditable Workflows

Access Machine Learning-assisted analysis with no need to code

Upload any type of data in a



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