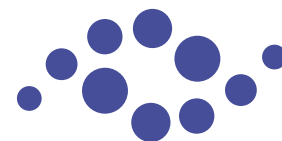


CellEngine for CyTOF™



CellEngine is a cloud-based cytometry analysis application, designed to tackle rapid analysis of large datasets. CellEngine provides full analytical and visualization functionality, allowing easy collaboration with enterprise-grade data safety and security.



Distill your high-dimensional data with fewer bottlenecks.

CellEngine's blazing speed makes it a perfect fit for the scale and complexity of CyTOF datasets. Whether you have thousands of samples or millions of events (or both!), CellEngine can handle it.



Create visualizations and reports directly in CellEngine.

Assemble charts, heat maps, statistics tables, gating hierarchies, Levey-Jennings charts, and more into customized figures, then export them as polished reports or publication-ready graphics.



Kickstart your analysis with click-button cleanup.

Developed in partnership with Standard BioTools, the CyTOF cleanup tool accurately gates viable singlet cells and generates a comprehensive QC report in seconds. Automate your prep work and move immediately to the insights that matter.



Go further with R and Python integration.

CellEngine's API and API toolkits let you do virtually anything imaginable—from LIMS and ELN integration, to custom bioinformatics pipelines.



Gate your way with automatic gate tailoring.

CellEngine's machine learning-based automatic gate tailoring uses your own population hierarchy to quickly extract the information that matters to you.



Meet regulatory and security requirements.

CellEngine has all of the features required for use in 21 CFR part 11-regulated environments and is backed by enterprise-grade security.



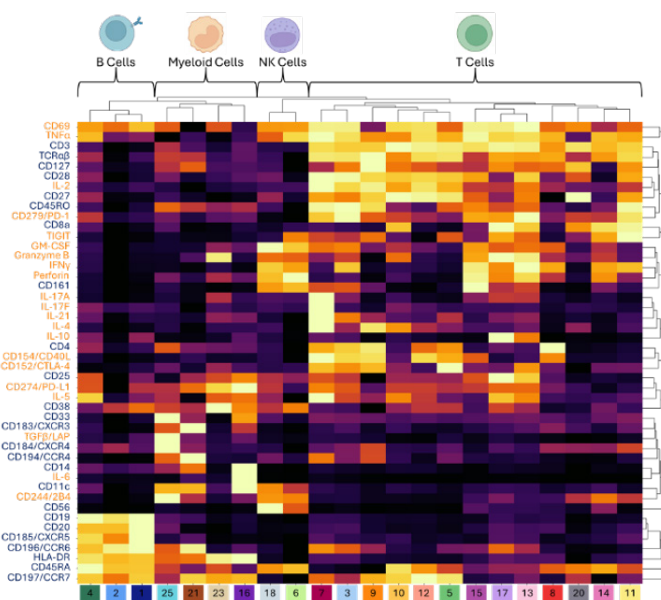
Discover more with fast algorithms.

Choose from an array of clustering and dimensionality reduction algorithms that run on 10s to 100s of millions of cells in minutes, not hours.

CASE STUDY

Unlocking the Full Complexity of Immune Cell Behavior at the Single-Cell Level

In a single, comprehensive view, high-parameter phenotyping and functional analysis reveals the true poly-functionality and diversity of immune cell populations, including B cell, myeloid cell, NK cell, and T cell subsets. This high-dimensional approach goes beyond traditional use of multiple separate panels, demonstrating that only integrated analysis can capture the full spectrum of immune response complexity. Data analysis and visualization performed in CellEngine.



CellEngine
by CellCarta



Start your free two-month trial at <https://cellengine.com>

