

PRECISION CELL SYSTEMS

SINGULATOR 200+

Engineered for FFPE. Built for Single-Cell Success.

Effortlessly automate tissue dissociation

Automated FFPE Workflow

Complete nuclei prep in just 60 minutes

High Yield Nuclei Recovery

Achieve >1M nuclei from most tissue types—
including difficult FFPE sample

Low Input Requirement

Obtain nuclei successfully from
2 mg tissue & 50 μ m FFPE curls



Finally Unlock Your FFPE Archives

Singulator™ 200+ delivers automated, reproducible sample prep for even the most delicate tissues.

FFPE Workflow

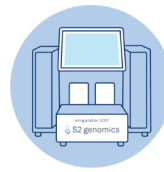
The Singulator 200+ enables an automated, fume-hood-free prep powered by proprietary deparaffinization reagents for superior FFPE nuclei isolations.



Collect FFPE tissue curls



Place sample into a cartridge



Select protocol & press start



Isolate viable cells or intact nuclei in < 1 hr

Efficient Workflow

The Singulator 200+ reduces hands-on time by 81% compared to traditional methods.

Total Processing Time

(Minutes)

Traditional 115

Singulator 200+ 63

45% Faster

Hands-on Time

(Minutes)

Traditional 29.5

Singulator 200+ 5.5

81% Less Time

Pipetting Steps

(Number of Steps)

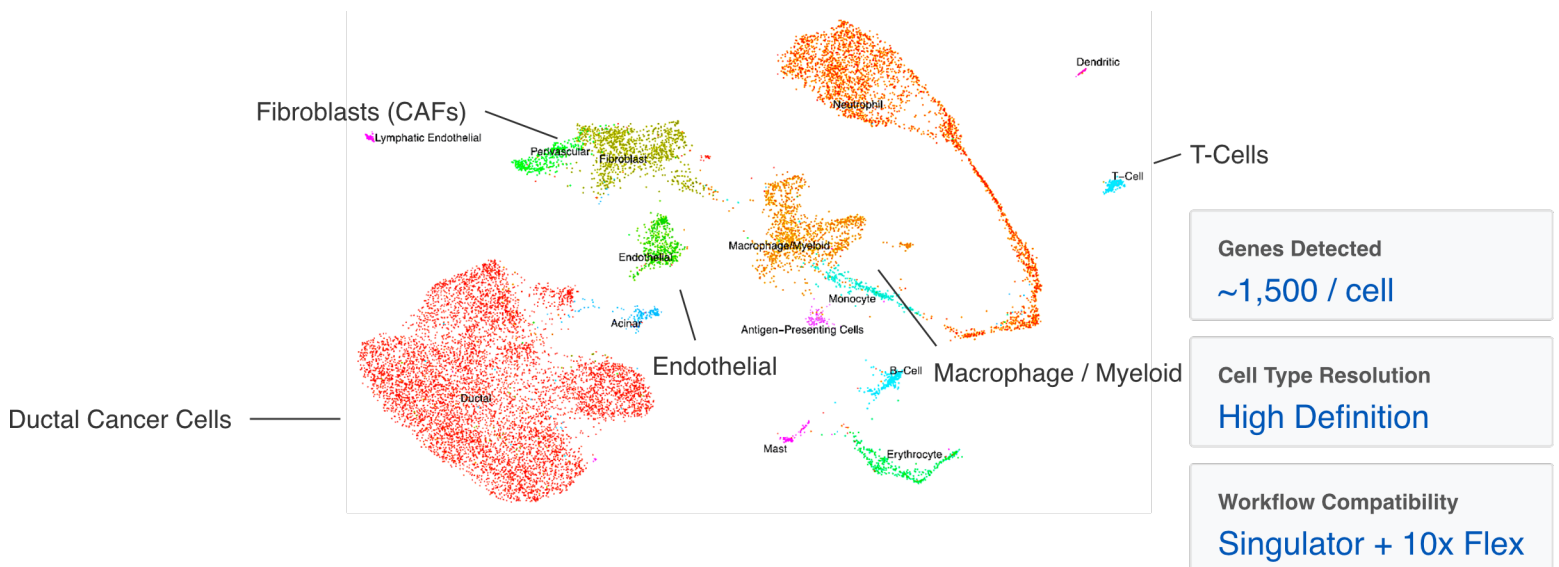
Traditional 28

Singulator 200+ 4

86% Fewer Steps

High Resolution Data

snRNA-seq analysis of PDAC tumors reveals distinct high-fidelity cell populations.



Data Source: **Mouse PDAC FFPE tissue processed via Singulator 200+.**

Clustering reveals distinct populations of cancer cells, fibroblasts (CAFs), immune cells, and endothelial cells.

precisioncellsystems.com

info@precisioncellsystems.com

VIEW APP NOTE

