CYTOSURGE®

FluidFM® CellEDIT Service

Custom CRISPR cell line engineering service through direct intra-nuclear delivery

Let us support you with reliable, high quality edits

At Cytosurge, we start our gene editing workflows from a single cell.

With our CellEDIT workflow, we utilize gentle, precision intra-nuclear injection of editing reagents. As such, we minimize the impact of transfection on the cells and introduce genetic modifications with high controllability.

Leverage our unique single-cell gene editing workflows now and obtain your reliable, high-quality edits.

Hard-to-transfect mammalian cells

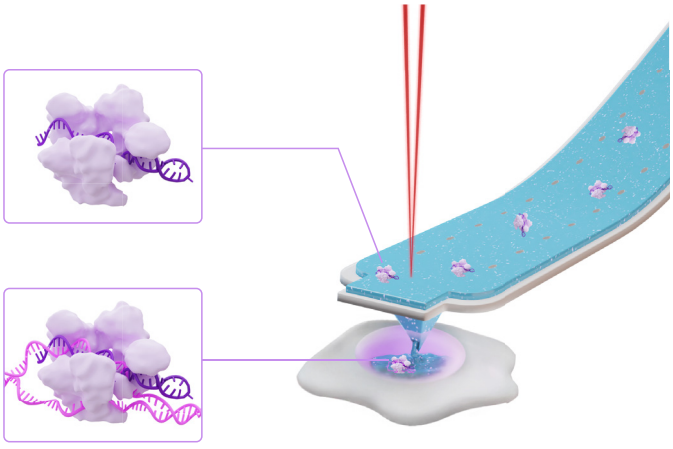
Very gentle injection of CRISPR reagents

Complex edits

Knock-in, multiple knock-out, large insertion

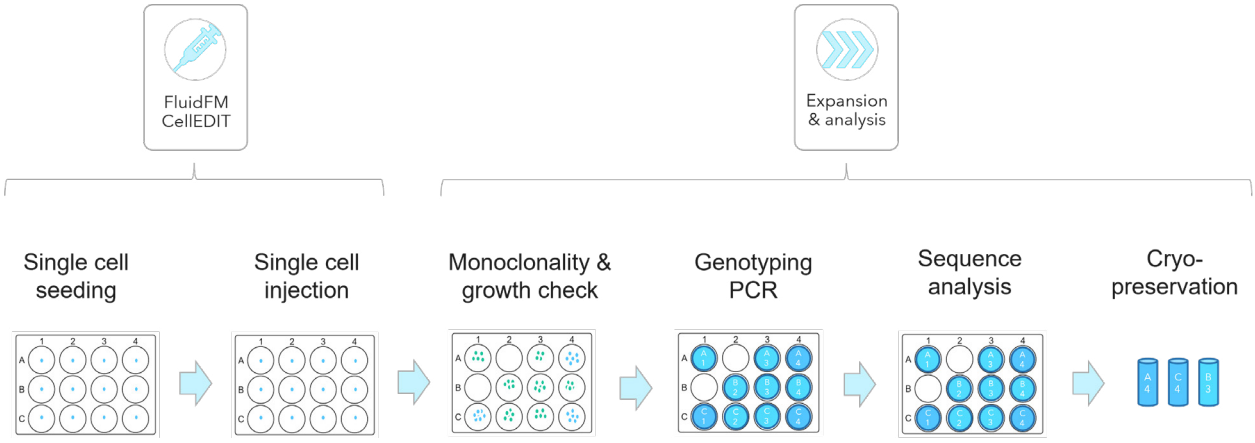
High HDR efficiency, reduced off-target

Precision Genome Engineering



Introducing edits with precision, one cell at the time

The CellEDIT workflow is based on Cytosurge's FluidFM technology to bring genome editing reagents directly into the nucleus of a single cell. The force controlled nano-pipettes, make injection highly gentle compatible with most mammalian cell types, and vector-free!



What we can offer:

Vector-free cell transfection

Genome editing reagents are delivered into the cell through direct intranuclear injection with a nanosyinge, without cargo-size limitations.

Gentle to the cell

The gentle and force-controlled injection of gene editing reagents ensures high cell viability unlike many other cell tranfection methods.

High-quality cell line

By starting from injection of a defined amount of reagents into single mammalian cells, we enable high editing precision and controllability.

Monoclonality end-to-end

Because we start from single cells, monoclonality is guaranteed. Due to the high controllabity of gene editing starting from single cells, only a few cells are needed.

CYTOSURGE®