

# Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

## CellCycleTRACER

RRID:SCR\_017128

Type: Tool

### Proper Citation

CellCycleTRACER (RRID:SCR\_017128)

### Resource Information

**URL:** <https://www.zurich.ibm.com/cellcycletracer/>

**Proper Citation:** CellCycleTRACER (RRID:SCR\_017128)

**Description:** Software tool as supervised machine learning algorithm that classifies and sorts single cell mass cytometry data according to their cell cycle, which allows to correct for cell cycle state and cell volume heterogeneity. Reveals signaling relationships and cell heterogeneity that were otherwise masked. Computational method to quantify cell cycle and cell volume variability.

**Resource Type:** data analysis software, data access protocol, software application, software resource, data processing software, web service

**Defining Citation:** [PMID:29434325](#)

**Keywords:** classify, sort, single, cell, mass, cytometry, data, cycle, state, volume, heterogeneity, quantify, volume, variability

**Funding:** SNSF ;  
European Research Council ;  
NIDDK UC4 DK108132;  
SystemsX MetastasiX grant

**Availability:** Free, Restricted

**Resource Name:** CellCycleTRACER

**Resource ID:** SCR\_017128

**Record Creation Time:** 20220129T080333+0000

**Record Last Update:** 20260801T042805+0000

### Ratings and Alerts

- Used for background correction data transformation by the Human Islet Research Network community. Contact(s): [Bernd Bodenmiller](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for CellCycleTRACER.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.