

Resource Summary Report

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CellCycleTRACER

RRID:SCR_017128

Type: Tool

Proper Citation

CellCycleTRACER (RRID:SCR_017128)

Resource Information

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

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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 processing software, data access protocol, data analysis software, software resource, web service, software application

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: 20260731T043016+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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.