

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

btrack

RRID:SCR_013591

Type: Tool

Proper Citation

btrack (RRID:SCR_013591)

Resource Information

URL: <http://ncmir.ucsd.edu/Software/btrack.htm>

Proper Citation: btrack (RRID:SCR_013591)

Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented August 23, 2016. It analyzes and graphs time-lapse imaging data as acquired by a Bio-Rad confocal microscope, for experiments using nonratiometric fluorescent indicator dyes. Btrack can accommodate changes in the positions of imaged cells/tissue regions and can be used for analyzing an unlimited number of areas (cells/tissue regions) in an imaged field.

Resource Type: data processing software, software application, software resource

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: btrack

Resource ID: SCR_013591

Alternate IDs: nif-0000-00276

Old URLs: <http://ncmir.ucsd.edu/Software/btrack.htm>

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260829T182842+0000

Ratings and Alerts

No rating or validation information has been found for btrack.

No alerts have been found for btrack.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Goldstien L, et al. (2024) ConfluentFUCCI for fully-automated analysis of cell-cycle progression in a highly dense collective of migrating cells. PloS one, 19(6), e0305491.

Caraba??a C, et al. (2024) Spatially distinct epithelial and mesenchymal cell subsets along progressive lineage restriction in the branching embryonic mammary gland. The EMBO journal, 43(12), 2308.

Copperman J, et al. (2024) Single-cell morphodynamical trajectories enable prediction of gene expression accompanying cell state change. bioRxiv : the preprint server for biology.

Fu C, et al. (2024) Regulation of intercellular viscosity by E-cadherin-dependent phosphorylation of EGFR in collective cell migration. Proceedings of the National Academy of Sciences of the United States of America, 121(37), e2405560121.

Gradeci D, et al. (2021) Cell-scale biophysical determinants of cell competition in epithelia. eLife, 10.