

Resource Summary Report

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cfDNA UniFlow

RRID:SCR_025600

Type: Tool

Proper Citation

cfDNA UniFlow (RRID:SCR_025600)

Resource Information

URL: <https://github.com/kircherlab/cfDNA-UniFlow>

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Description: Workflow for preprocessing cfDNA samples. Unified, standardized, and ready-to-use workflow for processing whole genome sequencing cfDNA samples from liquid biopsies. Includes steps for pre-processing raw cfDNA samples, quality control and reporting. Additionally, several optional utility functions like GC bias correction and estimation of copy number state are included. Provides specialized methods for extracting coverage derived signals and visualizations comparing cases and controls.

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

Defining Citation: [DOI:10.1101/2024.06.01.24308210](https://doi.org/10.1101/2024.06.01.24308210)

Keywords: whole genome sequencing cfDNA samples, cell-free DNA data, liquid biopsies,

Funding: Berlin Institute of Health at Charite Universitaetsmedizin Berlin

Availability: Free, Available for download, Freely available,

Resource Name: cfDNA UniFlow

Resource ID: SCR_025600

License: MIT

Record Creation Time: 20240808T053249+0000

Record Last Update: 20260815T042941+0000

Ratings and Alerts

No rating or validation information has been found for cfDNA UniFlow.

No alerts have been found for cfDNA UniFlow.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

R??ner S, et al. (2024) cfDNA UniFlow: a unified preprocessing pipeline for cell-free DNA data from liquid biopsies. GigaScience, 13.