

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

[kineticsTools](#)

RRID:SCR_024049

Type: Tool

Proper Citation

kineticsTools (RRID:SCR_024049)

Resource Information

URL: <https://github.com/PacificBiosciences/kineticsTools>

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Description: Software tools for detecting DNA modifications from single molecule, real-time sequencing data. This tool implements the P_ModificationDetection module in SMRT ? Portal, used by the RS_Modification_Detection and RS_Modifications_and_Motif_Detection protocol.

Synonyms: kineticstools

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

Keywords: detecting DNA modifications from single molecule, real-time sequencing data,

Availability: Free, Available for download, Freely available,

Resource Name: kineticsTools

Resource ID: SCR_024049

Alternate IDs: OMICS_18309

Alternate URLs: <https://sources.debian.org/src/kineticstools/>

Record Creation Time: 20230824T050211+0000

Record Last Update: 20260905T133028+0000

Ratings and Alerts

No rating or validation information has been found for kineticsTools.

No alerts have been found for kineticsTools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Markkanen M, et al. (2026) Sulfonamide resistance gene sul4 is hosted by common wastewater sludge bacteria and found in various newly described contexts and hosts. Microbiology spectrum, 14(1), e0085725.

Jha A, et al. (2024) DNA-m6A calling and integrated long-read epigenetic and genetic analysis with fibertools. Genome research, 34(11), 1976.

Urban JM, et al. (2021) High contiguity de novo genome assembly and DNA modification analyses for the fungus fly, *Sciara coprophila*, using single-molecule sequencing. BMC genomics, 22(1), 643.