Resource Summary Report

Generated by PRECISE-TBI on Aug 21, 2026

BISCUIT

RRID:SCR_028006
Type: Tool

Proper Citation

BISCUIT (RRID:SCR_028006)

Resource Information

URL: https://github.com/huishenlab/biscuit

Proper Citation: BISCUIT (RRID:SCR_028006)

Description: Software application for simultaneous genetic and epigenetic inference in bulk and single-cell studies. Used to perform alignment, DNA methylation and mutation calling, and allele specific methylation from bisulfite sequencing data. Analyzing sodium bisulfite conversion-based DNA methylation/modification data.

Synonyms: , BISulfite-seq CUI Toolkit, BISulfite-seq CUI Toolkit (BISCUIT)

Resource Type: software resource, software toolkit

Defining Citation: PMID:38412294

Keywords: simultaneous genetic and epigenetic inference, analyzing sodium bisulfite conversion-based DNA methylation/modification data, perform alignment, DNA methylation, mutation calling, allele specific methylation, bisulfite sequencing data,

Funding: NCI R37CA230748;
NCI U24CA264023;
NIGMS R35GM146978

Availability: Free, Available for download, Freely available

Resource Name: BISCUIT

Resource ID: SCR_028006

License: MIT license

Record Creation Time: 20260224T055257+0000

Record Last Update: 20260821T194357+0000

Ratings and Alerts

No rating or validation information has been found for BISCUIT.

No alerts have been found for BISCUIT.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Nunn A, et al. (2022) Manipulating base quality scores enables variant calling from bisulfite sequencing alignments using conventional bayesian approaches. BMC genomics, 23(1), 477.

Farhangdoost N, et al. (2021) Chromatin dysregulation associated with NSD1 mutation in head and neck squamous cell carcinoma. Cell reports, 34(8), 108769.