Resource Summary Report

Generated by PRECISE-TBI on Sep 19, 2026

Cloudbreak

RRID:SCR_005097
Type: Tool

Proper Citation

Cloudbreak (RRID:SCR_005097)

Resource Information

URL: https://github.com/cwhelan/cloudbreak

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Description: Software providing a Hadoop-based genomic structural variation (SV) caller for Illumina paired-end DNA sequencing data. It contains a full pipeline for aligning data in the form of FASTQ files using alignment pipelines that generate many possible mappings for every read, in the Hadoop framework. It then contains Hadoop jobs for computing genomic features from the alignments, and for calling insertion and deletion variants from those features.

Resource Type: software resource

Keywords: illumina, mapreduce, insertion, deletion, genomic

Resource Name: Cloudbreak

Resource ID: SCR_005097

Alternate IDs: OMICS_04078

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260912T195621+0000

Ratings and Alerts

No rating or validation information has been found for Cloudbreak.

No alerts have been found for Cloudbreak.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.