

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

## CloudAligner

RRID:SCR\_012962

Type: Tool

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### Proper Citation

CloudAligner (RRID:SCR\_012962)

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### Resource Information

**URL:** <http://sourceforge.net/projects/cloudaligner/>

**Proper Citation:** CloudAligner (RRID:SCR\_012962)

**Description:** A map/reduce based application for mapping short reads generated by the next-generation sequencing machines.

**Abbreviations:** CloudAligner

**Resource Type:** software resource

**Defining Citation:** [PMID:21645377](#)

**Keywords:** matlab, mapreduce/hadoop, bio.tools

**Availability:** GNU General Public License, v3

**Resource Name:** CloudAligner

**Resource ID:** SCR\_012962

**Alternate IDs:** OMICS\_00656, biotools:cloudaligner

**Alternate URLs:** <https://bio.tools/cloudaligner>

**Record Creation Time:** 20220129T080313+0000

**Record Last Update:** 20260725T190744+0000

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### Ratings and Alerts

No rating or validation information has been found for CloudAligner.

No alerts have been found for CloudAligner.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Exp??sito RR, et al. (2018) HSRA: Hadoop-based spliced read aligner for RNA sequencing data. PloS one, 13(7), e0201483.

Soe S, et al. (2018) BiSpark: a Spark-based highly scalable aligner for bisulfite sequencing data. BMC bioinformatics, 19(1), 472.

Chen J, et al. (2013) Translational biomedical informatics in the cloud: present and future. BioMed research international, 2013, 658925.

Chen J, et al. (2013) Translational bioinformatics for diagnostic and prognostic prediction of prostate cancer in the next-generation sequencing era. BioMed research international, 2013, 901578.