

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## [signalalign](#)

RRID:SCR\_024339

Type: Tool

### Proper Citation

signalalign (RRID:SCR\_024339)

### Resource Information

**URL:** <https://github.com/ArtRand/signalAlign>

**Proper Citation:** signalalign (RRID:SCR\_024339)

**Description:** Software tool to align ionic current from MinION to reference sequence using trainable hidden Markov model. HMM-HDP models for MinION signal alignments,

**Resource Type:** data processing software, software resource, alignment software, image analysis software, software application

**Keywords:** Oxford Nanopore Technologies, MinION sequences DNA, align ionic current, reference sequence, trainable hidden Markov model, HMM-HDP models, MinION signal alignments,

**Availability:** Free, Available for download, Freely available,

**Resource Name:** signalalign

**Resource ID:** SCR\_024339

**Old URLs:** <https://sources.debian.org/src/signalalign/>

**License:** MIT license

**Record Creation Time:** 20230830T050217+0000

**Record Last Update:** 20260731T043145+0000

### Ratings and Alerts

No rating or validation information has been found for signalalign.

No alerts have been found for signalalign.

## 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 [kravitz2](#) .

Bailey AD, et al. (2022) Concerted modification of nucleotides at functional centers of the ribosome revealed by single-molecule RNA modification profiling. eLife, 11.

Yue X, et al. (2022) Simultaneous profiling of histone modifications and DNA methylation via nanopore sequencing. Nature communications, 13(1), 7939.