Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

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: software application, image analysis software, data processing software, alignment software, software resource

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

Funding:

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: 20250402T061947+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 FDI Lab - SciCrunch.org.

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.