Resource Summary Report

Generated by NIF on Apr 25, 2025

NanoPipe

RRID:SCR_016852
Type: Tool

Proper Citation

NanoPipe (RRID:SCR_016852)

Resource Information

URL: http://bioinformatics.uni-muenster.de/tools/nanopipe2

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Description: Web tool for analysis of MinION (ONT) long sequencing reads. Used for analysis of reads generated by the Oxford Nanopore sequencing devices. Provides alignments to any target of interest, alignment statistics and information about polymorphisms.

Abbreviations: NanoPipe

Synonyms: NanoPipe, nanopipe2

Resource Type: analysis service resource, data analysis service, web service, production service resource, data access protocol, software resource, service resource

Defining Citation: PMID:30689855

Keywords: analysis, MinION, long, sequence, read, Oxford Nanopore, alignment, target, statistics, polymorphism, bio.tools

Funding: Institute of Bioinformatics Muenster ;
Germany

Availability: Free, Available for download, Freely Available

Resource Name: NanoPipe

Resource ID: SCR_016852

Alternate IDs: biotools:NanoPipe

Alternate URLs: https://github.com/IOB-Muenster/nanopipe2, https://bio.tools/NanoPipe

License: Apache License 2.0

Record Creation Time: 20220129T080332+0000

Record Last Update: 20250425T060203+0000

Ratings and Alerts

No rating or validation information has been found for NanoPipe.

No alerts have been found for NanoPipe.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Lacroix A, et al. (2021) Investigating the Circulation of Ebola Viruses in Bats during the Ebola Virus Disease Outbreaks in the Equateur and North Kivu Provinces of the Democratic Republic of Congo from 2018. Pathogens (Basel, Switzerland), 10(5).

Bachtiar BM, et al. (2021) A pilot study of red complex and three genera subgingival microbiome in periodontitis subjects with and without diabetes, evaluated by MinION platform. F1000Research, 10, 79.

Hatfield RG, et al. (2020) The Application of Nanopore Sequencing Technology to the Study of Dinoflagellates: A Proof of Concept Study for Rapid Sequence-Based Discrimination of Potentially Harmful Algae. Frontiers in microbiology, 11, 844.

Shabardina V, et al. (2019) NanoPipe-a web server for nanopore MinION sequencing data analysis. GigaScience, 8(2).