Resource Summary Report

Generated by nidm-terms on Aug 25, 2026

READSCAN

RRID:SCR_005204
Type: Tool

Proper Citation

READSCAN (RRID:SCR_005204)

Resource Information

URL: http://cbrc.kaust.edu.sa/readscan/

Proper Citation: READSCAN (RRID:SCR_005204)

Description: A highly scalable parallel software program to identify non-host sequences (of potential pathogen origin) and estimate their genome relative abundance in high-throughput sequence datasets.

Abbreviations: READSCAN

Resource Type: software resource

Defining Citation: PMID:23193222

Keywords: pathgen, genome, sequence, high-throughput sequence, align, read, host, microbe, virus, taxon, simulation, bio.tools

Resource Name: READSCAN

Resource ID: SCR_005204

Alternate IDs: OMICS_00222, biotools:readscan

Alternate URLs: https://bio.tools/readscan

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260815T182310+0000

Ratings and Alerts

No rating or validation information has been found for READSCAN.

No alerts have been found for READSCAN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Yuan Z, et al. (2021) Presence of complete murine viral genome sequences in patient-derived xenografts. Nature communications, 12(1), 2031.

Reteng P, et al. (2021) A targeted approach with nanopore sequencing for the universal detection and identification of flaviviruses. Scientific reports, 11(1), 19031.

Yuan Z, et al. (2020) Virome assembly and annotation in brain tissue based on next-generation sequencing. Cancer medicine, 9(18), 6776.

Nooij S, et al. (2018) Overview of Virus Metagenomic Classification Methods and Their Biological Applications. Frontiers in microbiology, 9, 749.

Haglund F, et al. (2017) Inflammatory infiltrates in parathyroid tumors. European journal of endocrinology, 177(6), 445.