ShortRead
RRID:SCR_006813
Type: Tool

Proper Citation

ShortRead (RRID:SCR_006813)

Resource Information

URL: http://www.bioconductor.org/packages/2.11/bioc/html/ShortRead.html

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Description: Software package for input, quality assessment and exploration of high-throughput sequence data. Used for input, quality assurance, and basic manipulation of "short read" DNA sequences such as those produced by Solexa, 454, and related technologies, including flexible import of common short read data formats.

Abbreviations: ShortRead

Synonyms: ShortRead - Classes and methods for high-throughput short-read sequencing data.

Resource Type: software resource

Defining Citation: PMID:19654119

Keywords: high throughput sequence data, short read, DNA sequences, short read data

Availability: Free, Available for download, Freely available

Resource Name: ShortRead

Resource ID: SCR_006813

Alternate IDs: OMICS_01076

Alternate URLs: https://sources.debian.org/src/r-bioc-shortread/
Ratings and Alerts

No rating or validation information has been found for ShortRead.

No alerts have been found for ShortRead.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 191 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Lee Díaz AS, et al. (2024) Impact of bacterial and fungal inoculants on the resident rhizosphere microbiome and the volatilome of tomato plants under leaf herbivory stress. FEMS microbiology ecology, 100(2).


Kwon YS, et al. (2024) Global analysis of binding sites of U2AF1 and ZRSR2 reveals RNA elements required for mutually exclusive splicing by the U2- and U12-type spliceosome. Nucleic acids research, 52(3), 1420.


Roessler C, et al. (2023) Transcriptom and miRNA data of PUFA-enriched stimulated murine macrophage and human endothelial cell lines. Scientific data, 10(1), 375.


Sayles NM, et al. (2023) Comparative multi-omic analyses of cardiac mitochondrial stress in three mouse models of frataxin deficiency. Disease models & mechanisms, 16(10).


Huber LB, et al. (2023) A dual-purpose polymerase engineered for direct sequencing of pseudouridine and queuosine. Nucleic acids research, 51(8), 3971.

Beumers L, et al. (2023) Clonal heterogeneity in ER+ breast cancer reveals the proteasome and PKC as potential therapeutic targets. NPJ breast cancer, 9(1), 97.

Lim CK, et al. (2023) A biological camera that captures and stores images directly into DNA. Nature communications, 14(1), 3921.

Xu X, et al. (2023) MenT nucleotidyltransferase toxins extend tRNA acceptor stems and can be inhibited by asymmetrical antitoxin binding. Nature communications, 14(1), 4644.

Zorz J, et al. (2023) SituSeq: an offline protocol for rapid and remote Nanopore 16S rRNA amplicon sequence analysis. ISME communications, 3(1), 33.


Wang L, et al. (2022) GIPC2 interacts with Fzd7 to promote prostate cancer metastasis by activating WNT signaling. Oncogene, 41(18), 2609.