

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 14, 2026

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>

Proper Citation: ShortRead (RRID:SCR_006813)

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 exible 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/>

License: Artistic License v2

Record Creation Time: 20220129T080238+0000

Record Last Update: 20260912T195646+0000

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 235 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

van den Hoogenhof MMG, et al. (2026) CAMK2D causes heart failure in mice with RBM20 cardiomyopathy. *Nature cardiovascular research*, 5(5), 479.

Xu Y, et al. (2026) Tissue-specific changes in endophytic bacterial and fungal communities of two pine species associated with pine wilt disease. *Frontiers in microbiology*, 17, 1864084.

Zhu J, et al. (2026) Bakh formula ameliorates high-fat diet-induced erectile dysfunction in rats via coordinated restoration of metabolic and tissue homeostasis. *Sexual medicine*, 14(5), qfag055.

Hamm DC, et al. (2026) KLF18 is a necessary component of the DUX4-initiated transcriptional network and a candidate locus for phenotypic diversity. *Genes & development*, 40(11-12), 873.

Meyer KM, et al. (2026) Microbial dispersal from surrounding vegetation influences phyllosphere microbiome assembly of corn and soybean. *mBio*, 17(1), e0333525.

Jovicic D, et al. (2026) Genome-centric metagenomics reveals electroactive syntrophs in a conductive particle-dependent consortium from coastal sediments. *Nature communications*, 17(1).

Yoshida M, et al. (2026) Diverse mechanisms of translation arrest by a Clostridia ribosome stalling peptide ClIM. *Nature communications*, 17(1).

Berbeira-Santana M, et al. (2026) Structurally exclusive Teneurin complexes orchestrate divergent programs in early cortical development. *Nature communications*, 17(1).

Hashemloo MA, et al. (2026) Visualizing the interplay of Cas1-Cas2 with DNA replication-repair that creates CRISPR-Cas immunity. *Nucleic acids research*, 54(11).

Nitsch S, et al. (2026) H4K16 acylations destabilize chromatin architecture and facilitate transcriptional response during metabolic perturbations. *Molecular cell*, 86(1), 24.

Deconinck T, et al. (2026) Comparative evaluation of oncolytic viruses reveals opposing preferences for glioblastoma subtypes. *Molecular therapy. Oncology*, 34(3), 201263.

Liu Y, et al. (2025) Oligo-CALL: A next-generation barcoding platform for studying resistance to targeted therapy. *Science advances*, 11(45), eadw9990.

Vinerbi E, et al. (2025) *Lactobacillus iners* dominates the vaginal microbiota of healthy Italian women of reproductive age. *mSystems*, 10(12), e0098325.

Ackermann RE, et al. (2025) Temporal changes in the bacterial microbiome of the salivary gland and midgut tissues of *Rhipicephalus sanguineus* (s.l.) ticks in South Africa. *Scientific reports*, 15(1), 17434.

Mendoza LM, et al. (2025) Antigenic Characterization of H1N1 Influenza Viruses That Circulated During the 2019-2020 Season in Philadelphia, Pennsylvania. *Influenza and other respiratory viruses*, 19(6), e70104.

Gabashvili E, et al. (2025) Growth of candidate phyla radiation bacteria in groundwater incubations reveals widespread adaptations to oxic conditions. *Microbiome*, 13(1), 224.

von Saucken VE, et al. (2025) Postsynaptic BMP signaling regulates myonuclear properties in *Drosophila* larval muscles. *The Journal of cell biology*, 224(1).

Khodaparast L, et al. (2025) Co-translational protein aggregation and ribosome stalling as a broad-spectrum antibacterial mechanism. *Nature communications*, 16(1), 1561.

Fita-Torr?? J, et al. (2025) Inhibition of mitochondrial protein import and proteostasis by a pro-apoptotic lipid. *eLife*, 13.

Madhuravasal Krishnan J, et al. (2025) The synthetic opioid fentanyl increases HIV replication in macrophages. *PloS one*, 20(2), e0298341.