

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

gffread

RRID:SCR_018965

Type: Tool

Proper Citation

gffread (RRID:SCR_018965)

Resource Information

URL: <http://ccb.jhu.edu/software/stringtie/gff.shtml>

Proper Citation: gffread (RRID:SCR_018965)

Description: Open source software tool to manipulate files in GFF format. Used to convert, sort, filter, transform, or cluster genomic features.

Synonyms: General Feature Format Read, GFF Read

Resource Type: data processing software, software application, software resource

Defining Citation: [DOI:10.12688/f1000research.23297.1](https://doi.org/10.12688/f1000research.23297.1)

Keywords: Gene annotation, transcriptome analysis, GFF file format, convert, sort, filter, transform, cluster genomic feature

Availability: Free, Available for download, Freely available

Resource Name: gffread

Resource ID: SCR_018965

Alternate IDs: OMICS_28050

Alternate URLs: <https://github.com/gpertea/gffread>,
<https://sources.debian.org/src/gffread/>

License: MIT License

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260821T194137+0000

Ratings and Alerts

No rating or validation information has been found for gffread .

No alerts have been found for gffread .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Fiesinger A, et al. (2026) The genome of the reef-building coral *Porites harrisoni* from the southern Persian/Arabian Gulf. GigaByte (Hong Kong, China), 2026, gigabyte174.

Santos-Rodriguez G, et al. (2026) Isoform-specific m6A deposition and coordinated splicing shape mammalian transcriptome evolution. Nature communications, 17(1).

Willis CRG, et al. (2026) Comparative multi-omics in female mice reveals tissue-specific vulnerabilities to chronic alcohol intake. Alcohol, clinical & experimental research, 50(2), e70240.

Yang Y, et al. (2026) Phylostratigraphic Analysis Reveals the Evolutionary Origins and Potential Role of New Genes in the Adaptive Evolution of *Spodoptera frugiperda*. International journal of molecular sciences, 27(1).

Torres-Sánchez M, et al. (2026) Salamander-Batrachochytrium salamandrivorans Interactions Through Dual Transcriptomics. Ecology and evolution, 16(7), e73967.

Szablińska-Piernik J, et al. (2026) Giant chromosomes of a tiny plant-the complete telomere-to-telomere genome assembly of the simple thalloid liverwort *Apopellia endiviifolia* (Jungermanniopsida, Marchantiophyta). GigaScience, 15.

Movilli A, et al. (2025) Long-read detection of transposable element mobilization in the soma of hypomethylated *Arabidopsis thaliana* individuals. Genome biology, 26(1), 231.

Arshad F, et al. (2025) A comprehensive water buffalo pangenome reveals extensive structural variation linked to population-specific signatures of selection. GigaScience, 14.

Tian X, et al. (2025) Widespread impact of transposable elements on the evolution of post-transcriptional regulation in the cotton genus *Gossypium*. Genome biology, 26(1), 60.

Fu Y, et al. (2025) Evidence for evolution of a new sex chromosome within the haploid-dominant Marchantiales plant lineage. Journal of integrative plant biology, 67(6), 1533.

Wang M, et al. (2025) A New Hexaploid Species of *Isoetes* (Isoetaceae) From Fujian, China, Based on Morphological and Molecular Evidence. Ecology and evolution, 15(9), e72140.

Ritter EJ, et al. (2025) The assembly and annotation of two teinturier grapevine varieties, Dakapo and Rubired. GigaByte (Hong Kong, China), 2025, gigabyte149.

Chen M, et al. (2025) The genome of *Hippophae salicifolia* provides new insights into the sexual differentiation of sea buckthorn. GigaScience, 14.

Yuan X, et al. (2025) BBSome deficiency in *Lotmaria passim* reveals divergent functions in trypanosomatid parasites. Parasites & vectors, 18(1), 60.

Bacchetti R, et al. (2025) *Cryptosporidium* oocyst wall proteins are true components of the oocyst wall and COWP8 is not required for parasite transmission. PLoS pathogens, 21(10), e1013561.

Willis CRG, et al. (2025) Chronic alcohol intake elicits distinct multi-omic profiles in the liver versus skeletal muscle of mice. bioRxiv : the preprint server for biology.

Bentley-Hewitt KL, et al. (2024) Development of a Novel Stress and Immune Gene Panel for the Australasian Snapper (*Chrysophrys auratus*). Genes, 15(11).

Song G, et al. (2024) Identification and Expression Analysis of R2R3-MYB Transcription Factors Associated with Flavonoid Biosynthesis in *Panax quinquefolius*. International journal of molecular sciences, 25(7).

Shippy TD, et al. (2024) Diaci v3.0: chromosome-level assembly, de novo transcriptome, and manual annotation of *Diaphorina citri*, insect vector of Huanglongbing. GigaScience, 13.

Lipka A, et al. (2024) The Impact of SLC2A8 RNA Interference on Glucose Uptake and the Transcriptome of Human Trophoblast Cells. Cells, 13(5).