

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

Gzip

RRID:SCR_009291

Type: Tool

Proper Citation

Gzip (RRID:SCR_009291)

Resource Information

URL: <http://www.gzip.org/>

Proper Citation: Gzip (RRID:SCR_009291)

Description: A compression utility designed to be a replacement for compress.

Abbreviations: Gzip

Synonyms: GNU zip

Resource Type: software resource

Resource Name: Gzip

Resource ID: SCR_009291

Alternate IDs: OMICS_00961

Record Creation Time: 20220129T080252+0000

Record Last Update: 20260801T190358+0000

Ratings and Alerts

No rating or validation information has been found for Gzip.

No alerts have been found for Gzip.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Khan UH, et al. (2026) HybridTrust: on-device federated learning with crypto-agile security for legacy and quantum-safe medical devices. *Scientific reports*, 16(1).

Hackenberg M, et al. (2025) Infusing structural assumptions into dimensionality reduction for single-cell RNA sequencing data to identify small gene sets. *Communications biology*, 8(1), 414.

Nijs J, et al. (2025) Is Word Order Responsive to Morphology? Disentangling Cause and Effect in Morphosyntactic Change in Five Western European Languages. *Entropy (Basel, Switzerland)*, 27(1).

Gutiérrez-Sacristán A, et al. (2025) PIC-SURE: an open-source platform for integrating clinical and genomic data. *NPJ digital medicine*, 9(1), 96.

Nordin MNB, et al. (2025) A Comparative Analysis of Machine-Learning Algorithms for Automated International Classification of Diseases (ICD)-10 Coding in Malaysian Death Records. *Cureus*, 17(1), e77342.

Li C, et al. (2025) A Novel QR Code-Based Solution for Secure Electronic Health Record Transfer in Venous Thromboembolism Home Rehabilitation Management: Algorithm Development and Validation. *JMIR rehabilitation and assistive technologies*, 12, e69230.

Madsen CD, et al. (2025) The topological properties of the protein universe. *Nature communications*, 16(1), 7503.

Hlayel M, et al. (2024) Enhancing unity-based AR with optimal lossless compression for digital twin assets. *PloS one*, 19(12), e0314691.

El-Shaikh A, et al. (2023) Content-based filter queries on DNA data storage systems. *Scientific reports*, 13(1), 7053.

B?inda K, et al. (2023) Efficient and Robust Search of Microbial Genomes via Phylogenetic Compression. *bioRxiv : the preprint server for biology*.

Borghesi A, et al. (2023) M100 ExaData: a data collection campaign on the CINECA's Marconi100 Tier-0 supercomputer. *Scientific data*, 10(1), 288.

Bennett AM, et al. (2023) MIMIC-IV on FHIR: converting a decade of in-patient data into an exchangeable, interoperable format. *Journal of the American Medical Informatics Association : JAMIA*, 30(4), 718.

Banday AR, et al. (2022) Genetic regulation of OAS1 nonsense-mediated decay underlies association with COVID-19 hospitalization in patients of European and African ancestries. *Nature genetics*, 54(8), 1103.

Zhu Q, et al. (2022) Phylogeny-Aware Analysis of Metagenome Community Ecology Based on Matched Reference Genomes while Bypassing Taxonomy. *mSystems*, 7(2), e0016722.

Umair M, et al. (2022) iRun: Horizontal and Vertical Shape of a Region-Based Graph Compression. Sensors (Basel, Switzerland), 22(24).

Lyon MS, et al. (2021) The variant call format provides efficient and robust storage of GWAS summary statistics. Genome biology, 22(1), 32.

Chong LC, et al. (2021) An Alignment-Independent Approach for the Study of Viral Sequence Diversity at Any Given Rank of Taxonomy Lineage. Biology, 10(9).

Onabajo OO, et al. (2020) Interferons and viruses induce a novel primate-specific isoform dACE2 and not the SARS-CoV-2 receptor ACE2. bioRxiv : the preprint server for biology.

Pelz M, et al. (2020) The elaboration of exploratory play. Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 375(1803), 20190503.

Samarfard S, et al. (2020) Viromes of Ten Alfalfa Plants in Australia Reveal Diverse Known Viruses and a Novel RNA Virus. Pathogens (Basel, Switzerland), 9(3).