

Resource Summary Report

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PRINSEQ

RRID:SCR_024178

Type: Tool

Proper Citation

PRINSEQ (RRID:SCR_024178)

Resource Information

URL: <https://prinseq.sourceforge.net/>

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Description: Software Perl application for quality control and data preprocessing of genomic and metagenomic datasets. Used to filter, reformat, or trim genomic and metagenomic sequence data. Generates summary statistics of sequences in graphical and tabular format.

Synonyms: prinseq-lite

Resource Type: software library, software resource, software toolkit

Defining Citation: [PMID:21278185](#)

Keywords: data quality control, data preprocessing, genomic and metagenomic datasets,

Availability: Free, Available for download, Freely available,

Resource Name: PRINSEQ

Resource ID: SCR_024178

Alternate URLs: <https://sources.debian.org/src/prinseq-lite/>

Record Creation Time: 20230824T050212+0000

Record Last Update: 20260912T200115+0000

Ratings and Alerts

No rating or validation information has been found for PRINSEQ.

No alerts have been found for PRINSEQ.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 113 mentions in open access literature.

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

Choi NY, et al. (2026) Elucidating the Genetic Basis of Columnar Upright Architecture in Populus Through CRISPR Disruption of TILLER ANGLE CONTROL1. Plant biotechnology journal, 24(3), 1377.

Al-Andoli M, et al. (2026) Fecal melatonin as a biomarker of emerging circadian maturity and gut microbiota in infancy. Npj biological timing and sleep, 3(1).

Kempen CG, et al. (2026) IL-17RA signaling promotes the dedifferentiation of Paneth progenitors through ADAM17 to regenerate gut epithelium post-irradiation. Nature communications, 17(1).

Zhao X, et al. (2026) Leuconostoc mesenteroides AA001: A High-Efficiency Nitrite Degradar Facilitating Controlled and Safe Traditional Vegetable Fermentation. Microorganisms, 14(2).

Wang Y, et al. (2026) Hydrochar and pyrochar enhanced soil fungal community diversity in a Quercus acutissima plantation under severe nitric acid-type acid rain stress. Frontiers in plant science, 17, 1821765.

Bo?aj V, et al. (2026) Microbial functional traits in the hyperaccumulating Noccaea praecox rhizobiome are metal-dependent and host-driven. Environmental microbiome, 21(1).

Edoo Z, et al. (2026) Alpibectir-Ethionamide combination (AlpE) for the treatment of tuberculosis. Nature communications, 17(1).

Ribani A, et al. (2026) Honey environmental DNA reveals entomological fingerprints through dual mitochondrial cytochrome c oxidase subunit 1 (COI) and cytochrome b (CYTB) metabarcoding. Scientific reports, 16(1).

Hoepfner C, et al. (2026) Microbial diversity, metabolic specialization, and genomic novelty across polyextreme saline lakes of the Central Dry Andes. Environmental microbiome, 21(1).

Tan Y, et al. (2026) Transient receptor potential canonical 3 is required for HPV-induced malignant transformation of cervical epithelial cells. Communications biology, 9(1), 204.

Sabry H, et al. (2026) Phage vB_AbaM_MU1 for biocontrol of carbapenem-resistant Acinetobacter baumannii (CRAB) isolated from wound infection. Virology journal, 23(1).

- Buscaglia M, et al. (2026) Unveiling the viral frontier in a warming world: temperature as a key ecological driver of viral diversity in subantarctic Chilean Patagonia fjords. *Environmental microbiome*, 21(1).
- Ungerfeld EM, et al. (2026) Effects of coenzyme M and methyl-coenzyme M on the efficacy of inhibitors of methanogenesis in rumen cultures. *Scientific reports*, 16(1).
- Meijer J, et al. (2026) Eco-evolutionary dynamics of massive, parallel bacteriophage outbreaks in compost communities. *Science advances*, 12(22), eaeb8246.
- Calvanese CM, et al. (2026) Lactobacilli, best allies of mental health: a probiogenomic approach to identify potential psychobiotic strains. *Current research in food science*, 13, 101490.
- Amillano-Cisneros JM, et al. (2026) Dietary prebiotics and synbiotics modulate gut microbiota and improve growth performance of Mexican pike silverside *Chirostoma estor*. *PeerJ*, 14, e21435.
- Riekötter J, et al. (2026) Insights into epigenetics suggest a role of DNA methylation in regulating Chinese yam tuber shape. *BMC plant biology*, 26(1).
- Xu C, et al. (2026) Microbial-enzyme synergistic treatment stabilizes surface microbial communities and enhances flavor quality during tobacco leaf aging. *Bioresources and bioprocessing*, 13(1).
- Hue DT, et al. (2026) Comparative analysis of microRNAs in bovine colostrum and neonatal calf blood. *Journal of the science of food and agriculture*, 106(10), 5799.
- Kato NN, et al. (2026) Microbial Chemical Diversity and Cytotoxic Potential From Brazilian Ferruginous Caves: A Pioneering Metabolomic Survey. *Chemistry & biodiversity*, 23(1), e02912.