

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 18, 2026

PANDAseq

RRID:SCR_002705

Type: Tool

Proper Citation

PANDAseq (RRID:SCR_002705)

Resource Information

URL: <https://github.com/neufeld/pandaseq>

Proper Citation: PANDAseq (RRID:SCR_002705)

Description: Software program to align Illumina reads, optionally with PCR primers embedded in the sequence, and reconstruct an overlapping sequence.

Synonyms: PAired-eND Assembler for DNA sequences

Resource Type: software resource, source code

Defining Citation: [PMID:22333067](#)

Keywords: standalone software, unix/linux, mac os x, windows, c

Availability: Free, Available for download, Freely available

Resource Name: PANDAseq

Resource ID: SCR_002705

Alternate IDs: OMICS_05255

License: GNU General Public License, v3

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260912T200313+0000

Ratings and Alerts

No rating or validation information has been found for PANDAseq.

No alerts have been found for PANDAseq.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 720 mentions in open access literature.

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

Kim R, et al. (2026) Freshwater and Sediment Host Distinct Yet Overlapping Microeukaryotic Communities, With Sediment Communities Less Impacted by Treated Wastewater. *The Journal of eukaryotic microbiology*, 73(2), e70070.

Skoufou-Papoutsaki N, et al. (2026) Clonal biases dictate availability of colonic cancer driver mutations for transformation. *Nature communications*, 17(1).

Fang X, et al. (2026) Alleviating Effects of Three Heat-Inactivated *Enterococcus faecalis* Strains Against Growth Suppression, Oxidative Stress and Gut Microbiome Dysbiosis in *Macrobrachium rosenbergii* Fed with Sesame Meal-Replaced Fish Meal Diet. *Antioxidants (Basel, Switzerland)*, 15(2).

Cisneros AF, et al. (2026) Paralog interference contributes to the preservation of genetic redundancy. *Current biology : CB*, 36(6), 1373.

Li H, et al. (2026) Functional Analysis of the NinaB-like Gene in Body Color Regulation of *Neocaridina denticulata sinensis*. *Biotech (Basel (Switzerland))*, 15(1).

Tharapan W, et al. (2026) Impact of Biofloc on Life Characteristics, Fecundity, and Innate Immunity of Fairy Shrimp (*Branchinella thailandensis*, Sanoamuang, Saengphan and Murugan, 2002). *Biology*, 15(8).

Hong S, et al. (2026) Vaginal dysbiosis and inflammatory signatures in preterm labor: an integrated model for predicting preterm birth. *Frontiers in immunology*, 17, 1809046.

Durand R, et al. (2026) *gy?za*: a Snakemake workflow for modular analysis of deep-mutational scanning data. *Genetics*, 232(1).

Santarossa CC, et al. (2026) LetA defines a structurally distinct transporter family. *Nature*, 651(8107), 1097.

Rouleau FD, et al. (2026) Predicting antifolate resistance in the unculturable fungal pathogen *Pneumocystis jirovecii*. *PLoS genetics*, 22(5), e1012163.

Wang H, et al. (2026) Distribution of Aquatic Vertebrates in the Winter Dry Season Informing Water Resource Management in a Large Floodplain Lake. *Biology*, 15(8).

Mallon J, et al. (2026) Target discrimination and PAM profiling of the *Thermotoga maritima* type I-B CRISPR system. *The Biochemical journal*, 483(6), 981.

Ashok Y, et al. (2026) Dosa: A method to covalently barcode proteins for high-throughput biochemistry. *Proceedings of the National Academy of Sciences of the United States of America*, 123(1), e2529762123.

Doliwa A, et al. (2026) Dynamic stressor regimes drive shifts in biofilm-associated parasites. *Parasitology research*, 125(1).

Mao Q, et al. (2026) Microbiota metabolite butyrate alleviates intestinal inflammation associated with enhanced autophagy-related signaling in DSS-induced colitis. *Frontiers in immunology*, 17, 1779939.

Pava?i? P, et al. (2026) Gut Microbiota, Metabolic Markers, and Systemic Inflammation in Young Women with Self-Reported Rosacea: An Exploratory Cross-Sectional Study. *Journal of clinical medicine*, 15(11).

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.

Christodoulou C, et al. (2026) Effect of *Camelina sativa* seeds on rumen microbiota and fermentation in dairy sheep. *Journal of animal science*, 104.

Ni Z, et al. (2026) Sex-specific metabolic and microbial remodeling in a rotenone-induced rat model of Parkinson's disease following nicotine administration. *Biology of sex differences*, 17(1).

Koester SK, et al. (2026) In Vivo Massively Parallel Reporter Assay Reveals Sequence Determinants of mRNA Localization in Astrocytes. *bioRxiv : the preprint server for biology*.