Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Amplicon

RRID:SCR_003294
Type: Tool

Proper Citation

Amplicon (RRID:SCR_003294)

Resource Information

URL: http://sourceforge.net/projects/amplicon/

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Description: Software tool for designing PCR primers on aligned groups of DNA sequences. The most important application is the design of "group-specific" PCR primer sets that amplify a DNA region from a given taxonomic group but do not amplify orthologous regions from other taxonomic groups. It is written in Python 2.3 and Tkinter 8.4. The current script was created for Windows and an executable is available. Future versions of the script should be able to run on Linux and Mac

Abbreviations: Amplicon

Resource Type: software resource

Defining Citation: PMID:14962918

Keywords: python, pcr primer, pcr, primer, tkinter, windows, dna sequence

Availability: Free, Available for download, Freely available

Resource Name: Amplicon

Resource ID: SCR_003294

Alternate IDs: OMICS_02329

Old URLs: http://www.aad.gov.au/amplicon

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260808T185757+0000

Ratings and Alerts

No rating or validation information has been found for Amplicon.

No alerts have been found for Amplicon.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1955 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Liu C, et al. (2026) GMrepo v3: a curated human gut microbiome database with expanded disease coverage and enhanced cross-dataset biomarker analysis. Nucleic acids research, 54(D1), D734.

Panyod S, et al. (2026) Refining antibiotic cocktail regimens for pseudo-germ-free mice and their impact on gut microbiome and pancreatic tumor proteomics. Journal of advanced research, 83, 391.

Bhattacharyya M, et al. (2026) Skin Lipid-Microbe Interplay Links Staphylococcus hominis to Barrier Control in Adult Atopic Dermatitis. Allergy, 81(2), 454.

Bartsch M, et al. (2026) Gut microbiome mediates the association between dietary quality and metabolic risk in a heterogeneous adult population. Nutrition & metabolism, 23(1), 13.

Aliyat FZ, et al. (2026) Argan fruit microbiomes: influence of biogeographic and soil driven environmental factors. BMC plant biology, 26(1), 314.

Jo S, et al. (2026) Skin Microbiome Profiling in Patients with Primary Sj??gren Disease Compared to Healthy Individuals. Journal of microbiology and biotechnology, 36, e2510010.

Magosch S, et al. (2026) Microbial allies against drought stress: an optimized screening method to improve seedling survival for forest restorations. Environmental microbiome, 21(1).

Mohammad-Jafarieh P, et al. (2026) Recapitulation of human 3D colorectal cancer model using smart thermo-responsive hydrogel for monitoring angiogenesis. Cancer cell international, 26(1).

Muriuki SW, et al. (2026) Long-term farming and cropping systems with contrasting nitrogen forms and input diversity influence soil prokaryotic diversity in the central highlands of Kenya. PloS one, 21(3), e0344418.

Hu X, et al. (2026) Multi-omics analysis reveals the critical role of gut microbiota related tryptophan and glutathione metabolism in sepsis-associated encephalopathy. BMC microbiology, 26(1).

Almela P, et al. (2026) Enhancing DNA recovery in low-biomass snow algae samples: a comparative study of extraction methods and their effect on community composition. Applied and environmental microbiology, 92(4), e0003126.

Xia Q, et al. (2026) Exploration of the efficacy of eucalyptus oil (micro-capsules) and mangosteen extract against Eimeria tenella infection in chickens. Poultry science, 105(6), 106741.

Hao D, et al. (2026) Lactobacillus salivarius SNK-6 improves egg quality, yolk nutrient composition, and yolk flavor profile in laying hens via modulation of tissue metabolites and Cecal microbiomes. Poultry science, 105(5), 106649.

Kong J, et al. (2026) Virulence attenuation of intestinal pathogenicity via combined gene deletion in duck enteritis vaccine strain restores gut microbiota balance and enhances safety. Poultry science, 105(5), 106633.

Jin YW, et al. (2026) Bile Salt Tolerance Determines Intestinal Colonization Efficacy of Heyndrickxia coagulans: A Phenotypic and Genomic Study. International journal of molecular sciences, 27(4).

Jafari E, et al. (2026) Antimicrobial resistance patterns and carbapenemase gene distribution in pediatric Pseudomonas aeruginosa isolates: molecular and epidemiological insights from an Iranian referral center. BMC microbiology, 26(1).

Li W, et al. (2026) Tissue-specific assembly of endophytic microbiota in Agriophyllum squarrosum (L.) Moq. BMC microbiology, 26(1).

Facco CC, et al. (2026) Inoculation is more effective for main crops than for preceding cover crops and does not affect the arbuscular mycorrhizal community in no-till vegetable systems. Mycorrhiza, 36(2).

Chatrizeh M, et al. (2026) Plant-based enteral nutrition outperforms ultra-processed formulas in mitigating consequences of antibiotic-induced dysbiosis. JCI insight, 11(9).

Mir HD, et al. (2026) Defining the Intestinal eCBome and Oxylipin Signaling Systems in a TDP-43 Mouse Model of Frontotemporal Dementia. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(2), e71306.