

Resource Summary Report

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Amplicon

RRID:SCR_003294

Type: Tool

Proper Citation

Amplicon (RRID:SCR_003294)

Resource Information

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

Proper Citation: Amplicon (RRID:SCR_003294)

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: 20260725T190539+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 1673 mentions in open access literature.

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

Harris A, et al. (2026) Canopy reflectance as a predictor of soil microbial community composition and diversity at a continental scale. *The New phytologist*, 249(2), 829.

Reggiani A, et al. (2025) New polymorphisms of Vkor1 gene related to anticoagulant resistance of rats and mice in Italy. *Pest management science*, 81(6), 2869.

Hares MF, et al. (2025) Progression of the faecal microbiome in preweaning dairy calves that develop cryptosporidiosis. *Animal microbiome*, 7(1), 3.

Touchette D, et al. (2025) Experimental evidence on the impact of climate-induced hydrological and thermal variations on glacier-fed stream biofilms. *FEMS microbiology ecology*, 101(1).

Zhao Y, et al. (2025) Functional Requirement of Niacinamide for Blood Profiles, Antioxidant Status, and Intestinal Health in Finishing Pigs Fed a Low-Protein Diet. *Animals : an open access journal from MDPI*, 15(12).

Ruiz-Álvarez BE, et al. (2025) Novel Acylated Naringin Enhances Propionate Release and Stimulates the Growth of Flavanone-Metabolizing Bacteria in an In Vitro Batch Fermentation Model. *Life (Basel, Switzerland)*, 15(6).

Kara K, et al. (2025) In Vitro Ruminal Metagenomic Profiles and Ruminal Fermentation Variables of Aromatic Plant Pulps. *Veterinary medicine and science*, 11(4), e70447.

Brunetti K, et al. (2025) Longitudinal and Concurrent Changes in Brain and Gut due to Morphine Self-Administration. *Addiction biology*, 30(6), e70059.

Bellott DW, et al. (2025) The SHR/Akr Y chromosome reveals repeated turnover of the rat pseudoautosomal region. *bioRxiv : the preprint server for biology*.

Schaepe JM, et al. (2025) Thermodynamic principles link in vitro transcription factor affinities to single-molecule chromatin states in cells. *bioRxiv : the preprint server for biology*.

Mahheidari N, et al. (2025) Regeneration of the skin wound by two different crosslinkers: In vitro and in vivo studies. *Iranian journal of basic medical sciences*, 28(2), 194.

- Yu N, et al. (2025) Screening of Antagonistic Trichoderma Strains to Enhance Soybean Growth. *Journal of fungi (Basel, Switzerland)*, 11(2).
- Liao Y, et al. (2025) Unveiling familial aggregation of nasopharyngeal carcinoma: Insights from oral microbiome dysbiosis. *Cell reports. Medicine*, 6(3), 101979.
- Massamby A, et al. (2025) Microbial Contamination and Food Safety Aspects of Cassava Roasted Flour ("Rale") in Mozambique. *Microorganisms*, 13(1).
- Liu W, et al. (2025) The Metabolite Indole-3-Acetic Acid of Bacteroides Ovatus Improves Atherosclerosis by Restoring the Polarisation Balance of M1/M2 Macrophages and Inhibiting Inflammation. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(11), e2413010.
- Garin T, et al. (2025) T6SS-mediated competition by Stenotrophomonas rhizophila shapes seed-borne bacterial communities and seed-to-seedling transmission dynamics. *mSystems*, 10(8), e0045725.
- Krasenbrink J, et al. (2025) Sulfoquinovose is exclusively metabolized by the gut microbiota and degraded differently in mice and humans. *Microbiome*, 13(1), 184.
- Konstanti P, et al. (2025) Impulsivity among healthy adults is associated with diet and fecal microbiota composition. *Translational psychiatry*, 15(1), 263.
- Abdelkader MS, et al. (2025) Irrigation water quality shapes soil microbiomes: a 16 S rRNA-based biogeographic study in arid ecosystems. *Scientific reports*, 15(1), 28460.
- Mikhailov IS, et al. (2025) Comparison of Relative and Absolute Abundance and Biomass of Freshwater Phytoplankton Taxa Using Metabarcoding and Microscopy. *Ecology and evolution*, 15(3), e70856.