Resource Summary Report

Generated by dkNET on Apr 28, 2025

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

Funding:

Availability: GNU General Public License, v2

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: 20250420T014139+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 1422 mentions in open access literature.

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

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.

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).

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

Massamby A, et al. (2025) Microbial Contamination and Food Safety Aspects of Cassava Roasted Flour ("Rale") in Mozambique. Microorganisms, 13(1).

Nomosatryo S, et al. (2025) The role of anthropogenic influences on a tropical lake ecosystem and its surrounding catchment: a case study of Lake Sentani. FEMS microbiology ecology, 101(1).

Zhao Q, et al. (2025) Dual-purpose elemental sulfur for capturing and accelerating biodegradation of petroleum hydrocarbons in anaerobic environment. Water research X, 26, 100290.

Schagerl M, et al. (2025) Testing the Purity of Limnospira fusiformis Cultures After Axenicity Treatments. Cells, 14(2).

Guan JL, et al. (2025) High-dose dual therapy for Helicobacter pylori eradication inducing less impact on the gut microbiota. Gut pathogens, 17(1), 7.

Fricker AD, et al. (2025) A Pilot Study Exploring the Relationship Between Milk Composition and Microbial Capacity in Breastfed Infants. Nutrients, 17(2).

Sekiguchi A, et al. (2025) Inhibition of skin fibrosis via regulation of Th17/Treg imbalance in systemic sclerosis. Scientific reports, 15(1), 1423.

Zhou X, et al. (2025) Dietary Fiber-Rich Spartina anglica Improves Intestinal Health and Antioxidant Capacity of Zhedong White Geese. Antioxidants (Basel, Switzerland), 14(1).

Schweizer TA, et al. (2025) Photodynamic Therapy with Protoporphyrin IX Precursors Using Artificial Daylight Improves Skin Antisepsis for Orthopedic Surgeries. Microorganisms, 13(1).

Lammi C, et al. (2025) Effect of docosahexaenoic acid as an anti-inflammatory for Caco-2 cells and modulating agent for gut microbiota in children with obesity (the DAMOCLE study). Journal of endocrinological investigation, 48(2), 465.

Domnariu H, et al. (2025) Long-term impact of tillage on microbial communities of an Eastern European Chernozem. Scientific reports, 15(1), 642.

Rastfeld F, et al. (2025) Selectively expressed RNA molecules as a versatile tool for functionalized cell targeting. Nature communications, 16(1), 420.

Tang L, et al. (2025) Differences in oral microbiota associated with type 2 diabetes mellitus between the Dai and Han populations. Journal of oral microbiology, 17(1), 2442420.

Rasool S, et al. (2025) Bioinoculant-induced plant resistance is modulated by interactions with resident soil microbes. Environmental microbiome, 20(1), 7.

Ga??cka I, et al. (2025) Influence of selected dosages of plastic microparticles on the porcine fecal microbiome. Scientific reports, 15(1), 1269.

Li Q, et al. (2025) Characteristics of the Bacterial Community in Alpine Meadows in Response to Altitude and Aspect in the Qilian Mountains, Northwest China. Ecology and evolution, 15(1), e70769.

Li C, et al. (2025) Curcumin modulated gut microbiota and alleviated renal fibrosis in 5/6 nephrectomy-induced chronic kidney disease rats. PloS one, 20(1), e0314029.