

# Resource Summary Report

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## AMAP

RRID:SCR\_015969

Type: Tool

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### Proper Citation

AMAP (RRID:SCR\_015969)

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### Resource Information

**URL:** <http://code.google.com/p/amac-align/>

**Proper Citation:** AMAP (RRID:SCR\_015969)

**Description:** Source code that performs multiple alignment of peptidic sequences. It utilizes posterior decoding and a sequence-annealing alignment, instead of the traditional progressive alignment method.

**Synonyms:** amap-align

**Resource Type:** image analysis software, alignment software, source code, software application, software resource, data processing software

**Defining Citation:** [PMID:17237099](#), [DOI:10.1093/bioinformatics/btl311](#)

**Keywords:** software, peptide, sequence, alignment, annealing, bioinformatics, multiple, svn, posterior, decoding

**Funding:** NSF EF 03-31494;  
NHGRI R01 HG2362;  
NSF CCF0347992

**Availability:** Free, Available for download

**Resource Name:** AMAP

**Resource ID:** SCR\_015969

**Alternate IDs:** OMICS\_19787

**Alternate URLs:** <http://baboon.math.berkeley.edu/amac/>,  
<https://sources.debian.org/src/amac-align/>

**Old URLs:** <https://sources.debian.org/src/amos-assembler/>

**License:** GNU GPL v2

**Record Creation Time:** 20220129T080328+0000

**Record Last Update:** 20260801T190532+0000

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## Ratings and Alerts

No rating or validation information has been found for AMAP.

No alerts have been found for AMAP.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 388 mentions in open access literature.

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

Wang Z, et al. (2025) Spatial variation of population, density, and composition of mosquitoes in mainland China. Scientific data, 12(1), 20.

Yu LJ, et al. (2025) Inter-city movement pattern of notifiable infectious diseases in China: a social network analysis. The Lancet regional health. Western Pacific, 54, 101261.

Edwards J, et al. (2025) Findings from the 'Ask Me About PrEP' HIV Pre-Exposure Prophylaxis Awareness Programme in England. Journal of evaluation in clinical practice, 31(5), e14163.

Bezerra GG, et al. (2025) Food security and pluriactivity in the Brazilian Amazon: a study on small rural establishments. Cadernos de saude publica, 41Suppl 1(Suppl 1), e00002924.

Jin C, et al. (2025) An analysis of spatial changes in the manufacturing industry in china's three major urban clusters from 2015 to 2019 using POI data. Scientific reports, 15(1), 7401.

Kassada DS, et al. (2025) Hepatitis B Hospitalizations in Brazil: Temporal and Regional Patterns from 2008 to 2023. Viruses, 17(3).

Wang Y, et al. (2025) The dynamic evolution and obstacle identification of pseudo and reality human settlements in the central plains urban agglomeration of China. Scientific reports, 15(1), 15476.

Han AL, et al. (2025) Estradiol (E2) concentration shapes the chromatin binding landscape of estrogen receptor alpha. The Journal of biological chemistry, 301(7), 108499.

Wang S, et al. (2025) A Comprehensive Vector Dataset of Bus Networks Across China for the Year 2024. *Scientific data*, 12(1), 524.

Neves JKS, et al. (2025) Adding a new piece to the puzzle of Cosmocercidae evolutionary relationships: genetic characterization of *Aplectana pella* parasitic in *Osteocephalus cabrerai* from Amazon Region. *Revista brasileira de parasitologia veterinaria = Brazilian journal of veterinary parasitology : Orgao Oficial do Colegio Brasileiro de Parasitologia Veterinaria*, 34(1), e018124.

Peng H, et al. (2025) Analysis of the matching of community vitality and service facility supply and demand in the pedestrian bridge areas of Beijing. *Scientific reports*, 15(1), 37888.

Inui S, et al. (2025) Voxel-based Morphometry of Alzheimer's Disease Using a Localizer Image: A Comparative Study with Magnetization Prepared Rapid Acquisition with Gradient Echo. *Magnetic resonance in medical sciences : MRMS : an official journal of Japan Society of Magnetic Resonance in Medicine*, 24(1), 103.

Dos Santos Hage R, et al. (2025) Spatiotemporal expansion of dengue in Brazilian Amazon between 2001 and 2021. *Scientific reports*, 15(1), 1032.

Furtado NVR, et al. (2025) Efficiency of four trap types and human landing catch in the sampling of *Mansonia* (Diptera, Culicidae) in Porto Velho, Rondônia, Brazil. *PloS one*, 20(1), e0315869.

Li M, et al. (2025) Geographic disparities in hospital readmissions: a retrospective cohort study among patients with chronic disease in rural China. *International journal for equity in health*, 24(1), 83.

Zhang Y, et al. (2025) CMAB: A Multi-Attribute Building Dataset of China. *Scientific data*, 12(1), 430.

Gargominy O, et al. (2025) ?New species and new records of families, genera and species of land snails (Mollusca, Gastropoda) from French Guiana. *ZooKeys*, 1230, 155.

Shi X, et al. (2025) Exploiting Molecular Ions for Screening Hydrophobic Contaminants in Sediments Using Gas Chromatography-Atmospheric Pressure Chemical Ionization-Ion Mobility-Mass Spectrometry. *Environmental science & technology*, 59(9), 4699.

Liu Y, et al. (2025) A study on the spatiotemporal evolutionary pattern and influencing factors of sports venues in Xi'an. *Scientific reports*, 15(1), 13560.

Jordão R, et al. (2025) ?Survey of the Notonectidae (Insecta, Hemiptera, Heteroptera, Nepomorpha) from northeastern Brazil. *ZooKeys*, 1233, 245.