

Resource Summary Report

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AMAP

RRID:SCR_015969

Type: Tool

Proper Citation

AMAP (RRID:SCR_015969)

Resource Information

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

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

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: 20260731T042948+0000

Ratings and Alerts

No rating or validation information has been found for AMAP.

No alerts have been found for AMAP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 388 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.
- Jordão R, et al. (2025) ?Survey of the Notonectidae (Insecta, Hemiptera, Heteroptera, Nepomorpha) from northeastern Brazil. *ZooKeys*, 1233, 245.
- Zhang Y, et al. (2025) CMAB: A Multi-Attribute Building Dataset of China. *Scientific data*, 12(1), 430.
- 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.
- Vasconcelos DD, et al. (2025) Spatial and socioeconomic patterns of COVID-19 in transition zones between municipalities in eastern Amazonia. *Frontiers in public health*, 13, 1526642.
- Bavaïs J, et al. (2025) SciGeneX: enhancing transcriptional analysis through gene module detection in single-cell and spatial transcriptomics data. *NAR genomics and bioinformatics*, 7(2), lqaf043.
- 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.
- Wang F, et al. (2025) Analysis of distribution equilibrium and influencing factors for older adult meal service facilities in mainland China. *Frontiers in public health*, 13, 1578827.