

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

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

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

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

Availability: Free, Available for download

Resource Name: AMAP

Resource ID: SCR_015969

Alternate IDs: OMICS_19787

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

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

License: GNU GPL v2

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260912T195833+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 400 mentions in open access literature.

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

Li Z, et al. (2026) Satellite mapping of every building's function in urban China reveals deep built environment disparities. Nature communications, 17(1).

Wu H, et al. (2026) Geospatial green ammonia co-firing in China's coal power fleets to avoid CO2 emissions lock-in. Nature communications, 17(1).

Huang W, et al. (2026) From coverage to capability: assessing equitable access to community-based senior meal programs in Shanghai. BMC public health, 26(1).

Zhang Y, et al. (2026) Community-level education percentile rank estimation in China using multi-source big data and machine learning. Scientific data, 13(1).

Bassiouni R, et al. (2026) Integrated Single-Cell Whole-Genome Sequencing and Spatial Transcriptomics Reveal Intratumoral Heterogeneity in Ovarian Cancer. Cancer research communications, 6(5), 1020.

Ferreira AF, et al. (2026) Neglected Mycoses in Brazil: A Population-Based Study of Mortality and In-Hospital Mortality Over 25Years. Mycoses, 69(2), e70144.

Chalatsi T, et al. (2026) Autophagy regulates PVALB (parvalbumin) interneuron excitability and memory. Autophagy, 22(2), 351.

Wang X, et al. (2026) A 1-km resolution dataset of affordability-constrained accessibility to elderly care facilities in China. Scientific data, 13(1).

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.

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.

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

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.

Koch A, et al. (2025) Seroprevalence of seven climate-sensitive zoonoses in Greenland and northern Sweden (1998-2017): High antibody prevalence against *Rickettsia* and *Leptospira*, with *Leptospira* possibly linked to global warming. *One health (Amsterdam, Netherlands)*, 21, 101244.

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.

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.

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

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.

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.