

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: 20260905T132801+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 [PRECISE-TBI](#) .

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.

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

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

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

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

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.