## **Resource Summary Report**

Generated by NIF on Apr 30, 2025

# **AMAP**

RRID:SCR\_015969

Type: Tool

## **Proper Citation**

AMAP (RRID:SCR\_015969)

#### **Resource Information**

URL: http://code.google.com/p/amap-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:** source code, data processing software, image analysis software, alignment software, software resource, 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/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:** 20250429T055759+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 337 mentions in open access literature.

**Listed below are recent publications.** The full list is available at <u>NIF</u>.

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.

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.

Espinheira RP, et al. (2025) Discovery and Characterization of Mannan-Specialized GH5

Endo-1,4-?-mannanases: a Strategy for Açaí (Euterpe oleracea Mart.) Seeds Upgrading. Journal of agricultural and food chemistry, 73(1), 625.

Hilário RR, et al. (2025) A new tool to quantify biodiversity change under landscape transformation. Ecological applications: a publication of the Ecological Society of America, 35(1), e3071.

Oh S, et al. (2025) Genome-wide association studies in lettuce reveal the interplay of seed age, color, and germination under high temperatures. Scientific reports, 15(1), 733.

Wang J, et al. (2025) Carbon emission of urban vehicles based on carbon emission factor correlation analysis. Scientific reports, 15(1), 2037.

Bai J, et al. (2025) Integrating ecological and recreational functions to optimize ecological security pattern in Fuzhou City. Scientific reports, 15(1), 778.

de Mello VVC, et al. (2024) Diversity of Ehrlichia spp., Anaplasma spp. and Neorickettsia spp. in vampire bats. Current research in parasitology & vector-borne diseases, 5, 100182.

Hu X, et al. (2024) Exploring the predictive ability of the CA-Markov model for urban functional area in Nanjing old city. Scientific reports, 14(1), 18453.

Park K, et al. (2024) Genome-wide association study implicates the role of TBXAS1 in the pathogenesis of depressive symptoms among the Korean population. Translational psychiatry, 14(1), 80.

Garcia KKS, et al. (2024) Is Brazil reaching malaria elimination? A time series analysis of malaria cases from 2011 to 2023. PLOS global public health, 4(1), e0002845.

Nunes FSM, et al. (2024) Lessons from the historical dynamics of environmental law enforcement in the Brazilian Amazon. Scientific reports, 14(1), 1828.

Yuan Z, et al. (2024) Investigation of cold-resistance mechanisms in cryophylactic yeast Metschnikowia pulcherrima based on comparative transcriptome analysis. Frontiers in microbiology, 15, 1476087.

Zheng H, et al. (2024) Bayesian analysis of urban theft crime in 674 Chinese cities. Scientific reports, 14(1), 26447.

Zhu J, et al. (2024) SOLID: minimizing tissue distortion for brain-wide profiling of diverse architectures. Nature communications, 15(1), 8303.

Félix AJS, et al. (2024) Two names, one species: redescription and phylogenetic position of Schrankiana formosula Freitas, 1959 provides new insights into the evolutionary history of the Cosmocercidae. Parasitology, 151(8), 832.

Medeiros de Abreu CH, et al. (2024) Domestic sewage dispersion scenarios as a subsidy to the design of urban sewage systems in the Lower Amazon River, Amapá, Brazil. PeerJ, 12, e16933.