

Resource Summary Report

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Aegean

RRID:SCR_015965

Type: Tool

Proper Citation

Aegean (RRID:SCR_015965)

Resource Information

URL: <http://standage.github.io/AEGeAn>

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Description: Software toolkit for the analysis and evaluation of genome annotations. The toolkit includes a variety of analysis programs, e.g. for comparing distinct sets of gene structure annotations (ParseEval), computation of gene loci (LocusPocus) and more.

Synonyms: AEGeAn: analysis and evaluation of genome annotations, Aegean Toolkit

Resource Type: data analysis software, data processing software, sequence analysis software, software application, software resource, software toolkit

Defining Citation: [PMID:22852583](https://pubmed.ncbi.nlm.nih.gov/22852583/)

Keywords: genome, evaluation, annotation, structure, loci

Funding: National Science Foundation 1126267

Availability: Free, Available for download, Freely available,

Resource Name: Aegean

Resource ID: SCR_015965

Alternate IDs: OMICS_19721

Alternate URLs: <https://github.com/BrendelGroup/AEGeAn>,
<https://sources.debian.org/src/aegean/>

License: ISC License

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260905T132801+0000

Ratings and Alerts

No rating or validation information has been found for Aegean.

No alerts have been found for Aegean.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Zhao X, et al. (2026) Population pharmacokinetics and exposure-response analysis of durvalumab in patients with resectable stage II to IIIB (N2) NSCLC in the phase III AEGEAN study. British journal of clinical pharmacology, 92(3), 980.

Su Q, et al. (2026) Integrated bulk RNA-seq and scRNA-seq identification of a novel "PET-SPI1-MYL9" transcriptional axis in lung adenocarcinoma driven by polyethylene terephthalate exposure. Translational cancer research, 15(3), 173.

Saticioglu IB, et al. (2025) Phylogenomic characterization of Flavobacterium psychrophilum isolates retrieved from Turkish rainbow trout farms. Journal of fish diseases, 48(8), e13961.

Kampouris TE, et al. (2023) Assessing the fish fauna diversity and abundance at Aegean and Ionian seas, with emphasis on certain NIS fish species via Scientific diving and Visual Census. PloS one, 18(11), e0294770.

Papadopoulou SK, et al. (2023) Postpartum Depression Is Associated with Maternal Sociodemographic and Anthropometric Characteristics, Perinatal Outcomes, Breastfeeding Practices, and Mediterranean Diet Adherence. Nutrients, 15(17).

Standage DS, et al. (2022) iLoci: robust evaluation of genome content and organization for provisional and mature genome assemblies. NAR genomics and bioinformatics, 4(1), lqac013.

Wilbrandt J, et al. (2017) COGNATE: comparative gene annotation characterizer. BMC genomics, 18(1), 535.

Matthews BJ, et al. (2016) The neurotranscriptome of the Aedes aegypti mosquito. BMC genomics, 17, 32.

Magnan C, et al. (2016) Sequence Assembly of Yarrowia lipolytica Strain W29/CLIB89 Shows Transposable Element Diversity. PloS one, 11(9), e0162363.