

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: 20260912T195833+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 [kravitz2](#) .

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.