

Resource Summary Report

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GeneMark

RRID:SCR_011930

Type: Tool

Proper Citation

GeneMark (RRID:SCR_011930)

Resource Information

URL: <http://opal.biology.gatech.edu/GeneMark/>

Proper Citation: GeneMark (RRID:SCR_011930)

Description: A family of gene prediction programs developed at Georgia Institute of Technology.

Abbreviations: GeneMark

Resource Type: service resource, data analysis service, software resource, production service resource, analysis service resource

Availability: Academic License Agreement

Resource Name: GeneMark

Resource ID: SCR_011930

Alternate IDs: OMICS_01485

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260729T044258+0000

Ratings and Alerts

No rating or validation information has been found for GeneMark.

No alerts have been found for GeneMark.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 768 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidsm-terms](https://nidsm-terms.org) .

Zhou Z, et al. (2026) Chromosome-level genome provides novel insights into the starch metabolism regulation and evolutionary history of *Tetraselmis helgolandica*. *Journal of advanced research*, 79, 251.

Tagirdzhanova G, et al. (2026) Chromosome-level genome assembly of the photobiont microalga *Trebouxia* sp. 'A48' from the lichen *Xanthoria parietina*. *The New phytologist*, 249(2), 1036.

Akanbi TM, et al. (2026) Isolation and characterization of TayeBlu, a novel bacteriophage of *Azotobacter vinelandii*. *Microbiology spectrum*, 14(1), e0128625.

Mochales-Riaño G, et al. (2025) Chromosome-level reference genome for the medically important Arabian horned viper (*Cerastes gasperettii*). *GigaScience*, 14.

Leshkasheli L, et al. (2025) *Klebsiella pneumoniae* Phage M198 and Its Therapeutic Potential. *Viruses*, 17(1).

Fu Y, et al. (2025) Evidence for evolution of a new sex chromosome within the haploid-dominant Marchantiales plant lineage. *Journal of integrative plant biology*, 67(6), 1533.

Jeong H, et al. (2025) Structural polymorphism and diversity of human segmental duplications. *Nature genetics*, 57(2), 390.

Tenger-Trolander A, et al. (2025) Genomic Resources for the Scuttle Fly *Megaselia abdita*: A Model Organism for Comparative Developmental Studies in Flies. *bioRxiv : the preprint server for biology*.

Negrete-Méndez H, et al. (2025) Genomic and proteomic analyses of Nus-dependent non-lambdoid phages reveal a novel coliphage group prevalent in gut: mEpimml. *Frontiers in microbiology*, 16, 1480411.

Luo Z, et al. (2025) The first high-quality chromosome-level genome of *Parupeneus biaculeatus* using HiFi and Hi-C data. *Scientific data*, 12(1), 1042.

Liu S, et al. (2025) A telomere-to-telomere genome assembly coupled with multi-omic data provides insights into the evolution of hexaploid bread wheat. *Nature genetics*, 57(4), 1008.

Song WL, et al. (2025) Telomere-to-telomere genome assembly and 3D chromatin architecture of *Centella asiatica* insight into evolution and genetic basis of triterpenoid saponin biosynthesis. *Horticulture research*, 12(5), uhaf037.

Chen YP, et al. (2025) Identification of housekeeping gene for future studies exploring effects of cryopreservation on gene expression in shrimp. *Scientific reports*, 15(1), 11046.

Zhang D, et al. (2025) Genome-Wide Protein Interaction Analysis in Parasitic Gyrodactylus Flatworms-Fish Hosts System and Drug Target Identification. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(45), e14618.

Opassathian K, et al. (2025) A study of genomic complexity underlying multidrug resistance in *Candida auris* strains in Thailand. *Scientific reports*, 15(1), 41478.

Chen S, et al. (2025) Analysis of a near telomere-to-telomere genome of *Phellodendron amurense* reveals insights into berberine biosynthesis. *Nature communications*, 16(1), 11437.

Law STS, et al. (2025) Genome of tropical bed bug *Cimex hemipterus* (Cimicidae, Hemiptera) reveals tetraspanin expanded in bed bug ancestor. *Insect science*, 32(1), 42.

Ledoux JB, et al. (2025) Chromosome-Level Genome Assembly and Annotation of *Corallium rubrum*: A Mediterranean Coral Threatened by Overharvesting and Climate Change. *Genome biology and evolution*, 17(2).

Washington JM, et al. (2025) Expanding the Diversity of Actinobacterial Tectiviridae: A Novel Genus from *Microbacterium*. *Viruses*, 17(1).

Cui J, et al. (2025) High-alcohol-producing *Klebsiella pneumoniae* aggravates lung injury by affecting neutrophils and the airway epithelium. *Cell reports. Medicine*, 6(1), 101886.