Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

GeneWise

RRID:SCR_015054
Type: Tool

Proper Citation

GeneWise (RRID:SCR_015054)

Resource Information

URL: http://www.ebi.ac.uk/Tools/psa/genewise/

Proper Citation: GeneWise (RRID:SCR_015054)

Description: Gene alignment tool from the EBI which predicts gene structure using similar protein sequences. See also the associated GenomeWise tool.

Resource Type: web application, software resource

Defining Citation: PMID:15123596

Keywords: gene alignment, dna sequence, protein sequence, bio.tools

Availability: Freely available, Available for download

Resource Name: GeneWise

Resource ID: SCR_015054

Alternate IDs: biotools:wise

Alternate URLs: https://bio.tools/wise

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260808T190242+0000

Ratings and Alerts

No rating or validation information has been found for GeneWise.

No alerts have been found for GeneWise.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1079 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Lu Z, et al. (2026) The Rhus chinensis Genome Provides Insights Into Tannin, Flavonoid Biosynthesis, and Glandular Trichome Development. Plant biotechnology journal, 24(3), 988.

Zhu M, et al. (2026) Genome-Wide Evolution and Stress-Responsive Regulation of 2-Oxoglutarate-Dependent Dioxygenases in Gossypium. Genes, 17(2).

Ma Q, et al. (2026) The pan-genome provides insights into evolutionary dynamics and fatty acid metabolism in Aceraceae family. Genome biology, 27(1).

Mao C, et al. (2026) Chromosome-level genome assembly and transcriptomes of the leaf insect Cryptophyllium westwoodii provide insights into the evolution of leaf-like masquerade. GigaScience, 15.

Zhou C, et al. (2026) Chromosome-level genome assembly of the deep-sea solemyid bivalve Acharax haimaensis. Scientific data, 13(1).

Chen Z, et al. (2026) Integrated Multi-Omics Analysis of a Periplaneta americana Symbiont Streptomyces sampsonii Strain WA1-19 Against Candida albicans. Microbial biotechnology, 19(4), e70333.

Zhao M, et al. (2026) Genome Assembly Revealed MdZAT5 Coordinates Anthocyanin Biosynthesis in Apple Fruit Peel and Flesh by Interacting With MdHY5. Plant biotechnology journal, 24(3), 1655.

Hu L, et al. (2026) High-Resolution Genomic Resources for Trait Mapping and Precision Breeding for Adzuki Bean (Vigna angularis). Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(4), e07157.

Pfeifer M, et al. (2026) High-quality haplotype-resolved genome assembly and annotation of Malus baccata 'Jackii'. Scientific data, 13(1), 14.

Li J, et al. (2026) A telomere-to-telomere genome assembly for Cyperus difformis. Scientific data, 13(1), 257.

Lin Y, et al. (2026) TMEM63 proteins act as mechanically activated cholesterol modulated lipid scramblases contributing to membrane mechano-resilience. Nature communications, 17(1).

Long W, et al. (2026) Comprehensive Analysis of Wild Rice Mitochondrial Genomes Reveals Structural Variation, Repeat Dynamics, and the Evolution of orf182. Plants (Basel, Switzerland), 15(7).

Jiang K, et al. (2026) Telomere-to-telomere-level genome assembly and annotation of the Zi goose Anser cygnoides. Scientific data, 13(1).

Chen YZ, et al. (2026) Whole-Genome Sequencing of Pathogenic Nigrospora musae ST1 Causing Leaf Spot Disease in Idesia polycarpa. Journal of fungi (Basel, Switzerland), 12(3).

Chen H, et al. (2026) The chromosome-level genome assembly of the early monocot species Tofieldia thibetica. Scientific data, 13(1).

Wang M, et al. (2026) A near telomere-to-telomere chromosome-level genome assembly of Rhodiola yunnanensis (Crassulaceae). Scientific data, 13(1).

Ouyang Y, et al. (2026) Chromosome-scale Genome Assembly of the Critically Endangered Blue-crowned Laughingthrush (Pterorhinus courtoisi, Leiothrichidae). Scientific data, 13(1).

Choi N, et al. (2026) Novel mechanisms of chemosensory adaptation to the cave environment. bioRxiv : the preprint server for biology.

Li F, et al. (2026) Transition From Land to Sea: Comparative Genomics Illuminates the Adaptive Evolution of the Intertidal Spider. Molecular ecology resources, 26(4), e70147.

Wang D, et al. (2026) Seroprevalence, isolation, comprehensive characterization, and pathogenicity of Clostridium perfringens strain from yak in Xizang, China. Scientific reports, 16(1).