

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 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: 20260803T040705+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

Usage and Citation Metrics

We found 1017 mentions in open access literature.

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

Raynaud M, et al. (2025) PRDM9 drives the location and rapid evolution of recombination hotspots in salmonid fish. PLoS biology, 23(1), e3002950.

Wang MY, et al. (2025) Chromosome-level genome assembly, annotation, and population genomic resource of argali (*Ovis ammon*). Scientific data, 12(1), 57.

Guo Y, et al. (2025) Chromosome-level genome assembly of the intertidal lucinid clam *Indoaustriella scarlatoi*. Scientific data, 12(1), 275.

Everitt T, et al. (2025) Unexpectedly low recombination rates and presence of hotspots in termite genomes. Genome research, 35(5), 1124.

Cheng G, et al. (2025) Genomic Insights into Cobweb Disease Resistance in *Agaricus bisporus*: A Comparative Analysis of Resistant and Susceptible Strains. Journal of fungi (Basel, Switzerland), 11(3).

Deng K, et al. (2025) Decoding Pecan's Fungal Foe: A Genomic Insight into *Colletotrichum plurivorum* Isolate W-6. Journal of fungi (Basel, Switzerland), 11(3).

Du K, et al. (2025) Identification of the male-specific region on the guppy Y Chromosome from a haplotype-resolved assembly. Genome research, 35(3), 489.

Wu H, et al. (2025) Construction of the super pan-genome for the genus *Actinidia* reveals structural variations linked to phenotypic diversity. Horticulture research, 12(6), uhaf067.

Liu B, et al. (2025) Chromosome-level genome assembly and annotation of Chinese herring (*Ilisha elongata*). Scientific data, 12(1), 668.

Zhu W, et al. (2025) Chromosome-level genome assembly of Marco Polo Blister Beetle (*Hycleus marcipoli*). Scientific data, 12(1), 1396.

Lv Z, et al. (2025) Near telomere-to-telomere genome assembly of *Camellia pitardii*. Scientific data, 12(1), 1422.

Rau D, et al. (2025) Identification and structural characterization of pseudogenes in *Fusarium graminearum*. Scientific reports, 15(1), 27773.

Shi Y, et al. (2025) Chromosome-level genome assembly of the traditional medicinal plant *Lindera aggregata*. Scientific data, 12(1), 565.

Zhang L, et al. (2025) A high-quality chromosome-level genome assembly for the agricultural pest *Mythimna separata*. Scientific data, 12(1), 540.

Pan T, et al. (2025) Genomic insights and the conservation potential of captive breeding: The case of Chinese alligator. *Science advances*, 11(14), eadm7980.

Qiao Y, et al. (2025) The First Whole Genome Sequence and Methylation Profile of *Gerronema lapidescens* QL01. *Journal of fungi* (Basel, Switzerland), 11(9).

Bing H, et al. (2025) Chromosome-level genome assembly of the obligate cave loach *Troglonectes daqikongensis*. *Scientific data*, 12(1), 1918.

Dirick L, et al. (2025) Multiple independent acquisitions of a metallophore-synthesis gene by plants through horizontal microbial gene transfer. *Nature communications*, 16(1), 8339.

Lu J, et al. (2025) Genomic and genetic insights into speciation and pigment pattern diversification in *Danio* fishes. *bioRxiv* : the preprint server for biology.

Liu G, et al. (2025) From genome to gene expression: the genomic landscape of a hybrid species of *Eucalyptus urophylla* ?? *Eucalyptus grandis* and its divergence from parental species hybrid. *BMC plant biology*, 25(1), 1458.