

Resource Summary Report

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Ensembl Plants

RRID:SCR_008680

Type: Tool

Proper Citation

Ensembl Plants (RRID:SCR_008680)

Resource Information

URL: <http://plants.ensembl.org/index.html>

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Description: Ensembl Genomes project produces genome databases for important species from across the taxonomic range, using the Ensembl software system. Five sites are now available, one of which is Ensembl Plants, which houses plant species. Sponsors: EnsemblPlants is a project run by EMBL - EBI to maintain annotation on selected genomes, based on the software developed in the Ensembl project developed jointly by the EBI and the Wellcome Trust Sanger Institute.

Synonyms: EnsemblPlants

Resource Type: data or information resource, database

Keywords: database, genome, plant, software, specie, taxonomic, FASEB list

Availability: Free, Freely available,

Resource Name: Ensembl Plants

Resource ID: SCR_008680

Alternate IDs: nif-0000-33715, r3d100011199

Alternate URLs: <https://doi.org/10.17616/R3CD1Q>

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260804T043408+0000

Ratings and Alerts

No rating or validation information has been found for Ensembl Plants.

No alerts have been found for Ensembl Plants.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1518 mentions in open access literature.

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

Burns R, et al. (2026) Diploid origins and early genome stabilization in the allotetraploid *Arabidopsis suecica*. *The New phytologist*, 249(1), 524.

Apodiakou A, et al. (2026) SNRK3.15 Is a Crucial Component of the Sulfur Deprivation Response in *Arabidopsis thaliana*. *Plant direct*, 10(1), e70132.

Alimchandani V, et al. (2026) A multiscale growth atlas of *Arabidopsis*: linking cell dynamics to organ development. *The New phytologist*, 249(1), 299.

Pronozin AY, et al. (2026) Diversity of lncRNAs in the pan-transcriptome of maize inbred lines. *BMC genomics*, 27(1), 1.

Sertse D, et al. (2025) Genome scans capture key adaptation and historical hybridization signatures in tetraploid wheat. *The plant genome*, 18(1), e20410.

Peters Haugrud AR, et al. (2025) Future of durum wheat research and breeding: Insights from early career researchers. *The plant genome*, 18(1), e20453.

Dai J, et al. (2025) Genome-wide identification and expression analysis of Dof gene family members in mulberry trees (*Morus notabilis* L.) under drought stress. *BMC genomics*, 26(1), 744.

Liu D, et al. (2025) Genome-wide characterization and expression analysis of the bHLH gene family in response to abiotic stresses in *Zingiber officinale* Roscoe. *BMC genomics*, 26(1), 143.

Wang HW, et al. (2025) Identification, characterization, and expression of *Oryza sativa* tryptophan decarboxylase genes associated with fluroxypyr-meptyl metabolism. *The plant genome*, 18(1), e20547.

Krishnan M, et al. (2025) A novel mutation in *SoIAA20* confers cross-resistance to 2,4-Dichlorophenoxyacetic acid and other auxinic herbicides in *Sonchus oleraceus*. *Pest management science*, 81(1), 141.

Zhang D, et al. (2025) Identification of the Valine-Glutamine gene family in *Chenopodium quinoa* Willd and analysis of its expression pattern and subcellular localization under

drought stress. BMC genomics, 26(1), 252.

Burrows S, et al. (2025) Partial redundancy buffers deleterious effects of mutating DNA methyltransferase 1-1 (MET1-1) in polyploid wheat. Journal of experimental botany, 76(9), 2500.

Zhao Z, et al. (2025) Meta-QTL analysis for mining key genes associated with seed oil content in maize. BMC plant biology, 25(1), 1466.

Carvajal J, et al. (2025) Comparing apoplastic root barrier formation and morphology in six crop species cultivated in soil vs. hydroponics. Planta, 262(6), 141.

Xu C, et al. (2025) Glutathione S-transferase in mediating adaptive responses of oats (*Avena sativa*) to osmotic and cadmium stress: genome-wide analysis. BMC plant biology, 25(1), 538.

Minami A, et al. (2025) Chelation-based iron uptake mitigates the effects of prolonged high-temperature stress in cool-season grasses. Nature communications, 16(1), 7709.

Fang C, et al. (2025) Genome-Wide Identification of the RhoGAP Gene Family and Main Function of OsRhoGAP2 in Seed Germination of Rice by Transcriptome Analysis. Rice (New York, N.Y.), 18(1), 83.

Zhou J, et al. (2025) Arabidopsis root defense barriers support beneficial interactions with rhizobacterium *Pseudomonas simiae* WCS417. The New phytologist, 248(4), 2021.

Ma Y, et al. (2025) Genome-wide identification of the WRKY gene family in poplar and the positive role of PsnWRKY95 in response to cadmium stress. PloS one, 20(9), e0332076.

Marzec M, et al. (2025) Strigolactones modulate jasmonate-dependent transcriptional reprogramming during wound signalling in Arabidopsis. Journal of applied genetics, 66(4), 883.