Resource Summary Report

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Arabidopsis Biological Resource Center

RRID:SCR_008136
Type: Tool

Proper Citation

Arabidopsis Biological Resource Center (RRID:SCR_008136)

Resource Information

URL: http://www.biosci.ohio-state.edu/~plantbio/Facilities/abrc/abrchome.htm

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Description: The mission of the Arabidopsis Biological Resource Center (ABRC) is to acquire, preserve and distribute seed and DNA resources that are useful to the Arabidopsis research community. More than 100,000 stocks are shipped annually to researchers in more than 60 countries, and modest fees for stocks are charged. The ABRC database functions and ordering system are incorporated into The Arabidopsis Information Resource (TAIR). Researchers can obtain information about Arabidopsis, perform stock searches, order stocks, and view current and past orders. Sponsors: ABRC is supported by the National Science Foundation under Grant No. 0542034.

Synonyms: ABRC

Resource Type: data or information resource, database

Keywords: arabidopsis, biological, dna, seed, FASEB list

Resource Name: Arabidopsis Biological Resource Center

Resource ID: SCR_008136

Alternate IDs: nif-0000-20954

Record Creation Time: 20220129T080245+0000

Record Last Update: 20260912T200157+0000

Ratings and Alerts

No rating or validation information has been found for Arabidopsis Biological Resource Center.

No alerts have been found for Arabidopsis Biological Resource Center.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2677 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Angelos ER, et al. (2026) Chloroplast Stress Signals Orchestrate Epidermis-Specific Remodeling of Mitochondria and ER Under High Light. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(18), e14970.

Nie K, et al. (2026) Direct receptor competition gates RGL2 proteolysis for seed germination timing in Arabidopsis. The EMBO journal, 45(5), 1794.

Robichaux KJ, et al. (2026) A characterization of recombinant Arabidopsis FRIABLE1 (FRB1) reveals robust rhamnogalacturonan-I rhamnosyltransferase activity and critical catalytic residues. The Journal of biological chemistry, 302(4), 111305.

Rademacher DJ, et al. (2026) Nuclear coat protein drives a multifaceted tolerance program during Turnip crinkle virus infection. Research square.

Chakravorty D, et al. (2026) Phosphovariants of the canonical heterotrimeric G? protein, GPA1, differentially affect G protein activity and Arabidopsis development. bioRxiv : the preprint server for biology.

Watanabe S, et al. (2026) The Arabidopsis NPF7.2 mediates coumarin uptake for root iron acquisition. The New phytologist, 250(3), 1619.

Li Y, et al. (2026) Uncovering the early and conserved molecular mechanisms of root nitrogen foraging in model and crops. BMC genomics, 27(1).

Wang X, et al. (2026) AtAUGs Suppress the Expression of PP2C Genes to Redundantly Regulate ABA Responses in Arabidopsis. Plants (Basel, Switzerland), 15(7).

Kikuchi A, et al. (2026) Atypical endo-?-1,4-mannanases are necessary for normal glucomannan synthesis in Arabidopsis. Plant physiology, 201(1).

Hamada N, et al. (2026) Salicylic acid modulates its catabolic enzymes via proteasomal degradation linked to SCF-associated proximity networks. Nature communications, 17(1).

Nagahage ISP, et al. (2026) The Arabidopsis thaliana METACASPASE IIf Regulates Sugar Metabolism and Delays Dark-Induced Leaf Senescence. Physiologia plantarum, 178(2), e70888.

Mohanty D, et al. (2026) Aboveground whole-plant live H2S imaging method sheds new light on the relationships between H2S, NO, and H2O2. Redox biology, 94, 104205.

Castillo-Olamendi L, et al. (2026) Cytosolic Ca2+ mediates ATG8i-autophagy activation under osmotic stress in Arabidopsis thaliana. Planta, 264(1).

Thakur N, et al. (2026) A coordinated network of MYB regulators orchestrates anthocyanin biosynthesis in banana. Horticulture research, 13(6), uhaf361.

Seluzicki A, et al. (2026) Molecular genetic characterization of CASEIN KINASE 1-LIKE 12 in Arabidopsis. Plant signaling & behavior, 21(1), 2610025.

Li X, et al. (2026) Transcription Factor PFB1 Is Required for the Botrytis cinerea Effector BcSCR1-Mediated Pathogenesis. Molecular plant pathology, 27(1), e70194.

Mendes IN, et al. (2026) PEK14: A Kinesin-4 Necessary for Male-Derived Fertility in Arabidopsis thaliana. Cytoskeleton (Hoboken, N.J.), 83(6), 337.

Mohanty JK, et al. (2026) Trans-QTL Alliance of HKT1 and PHL7 Modulate Salinity Stress Tolerance and Enhance Crop Yield Endurance. Plant biotechnology journal, 24(3), 1166.

Min JH, et al. (2026) Protection of telomeres 1b safeguards the Arabidopsis genome by regulating ROS homeostasis. Nature communications, 17(1).

Bai P, et al. (2026) Comparative proteomic profiling of receptor kinase signaling reveals key trafficking components enforcing plant stomatal development. Science advances, 12(13), eaeb6464.