

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: 20260729T044217+0000

Ratings and Alerts

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

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2583 mentions in open access literature.

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

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

Liu RX, et al. (2026) MdHMGB15-MdXERICO-MdNRP module mediates salt tolerance of apple by regulating the expression of salt stress-related genes. *Journal of advanced research*, 79, 61.

Kerstens M, et al. (2026) PLETHORAs shape Arabidopsis phyllotaxis through modulation of patterning robustness and accelerated inflorescence development. *The New phytologist*, 249(1), 495.

Nakamura M, et al. (2026) Chromatin-associated DEK proteins maintain H3K27me3 balance and coordinate developmental transitions in plants. *The New phytologist*, 249(2), 930.

Deng X, et al. (2025) The unconventional TPX2 family protein TPXL3 regulates ? Aurora kinase function in spindle morphogenesis in Arabidopsis. *The Plant cell*, 37(4).

Muro K, et al. (2025) The polar-localized borate exporter BOR1 facilitates boron transport in tapetal cells to the developing pollen grains. *Plant physiology*, 197(4).

Yamaguchi M, et al. (2025) LIPID RICH 1 modulates allocation of carbon between starch and triacylglycerol in Arabidopsis leaves. *Journal of experimental botany*, 76(8), 2144.

Saha S, et al. (2025) The complex I subunit B22 contains a LYR domain that is crucial for an interaction with the mitochondrial acyl carrier protein SDAP1. *The Plant journal : for cell and molecular biology*, 121(4), e70028.

Tangpranomkorn S, et al. (2025) A land plant-specific VPS13 mediates polarized vesicle trafficking in germinating pollen. *The New phytologist*, 245(3), 1072.

Mou W, et al. (2025) Ethylene-independent modulation of root development by ACC via downregulation of WOX5 and group I CLE peptide expression. *Proceedings of the National Academy of Sciences of the United States of America*, 122(6), e2417735122.

Guo Y, et al. (2025) TaWI12 may be involved in pistillody and leaf cracking in wheat. *BMC plant biology*, 25(1), 123.

Vo HM, et al. (2025) Dehydration rapidly induces expression of NCED genes from a single subclade in diverse eudicots. *Planta*, 261(2), 46.

Wang C, et al. (2025) Plant ubiquitin E2 enzymes UBC32, UBC33, and UBC34 are involved in ERAD and function in host stress tolerance. *BMC plant biology*, 25(1), 412.

Yang Q, et al. (2025) Comparative single-nucleus RNA-seq analysis revealed localized and cell type-specific pathways governing root-microbiome interactions. *Nature communications*, 16(1), 3169.

Kurotani KI, et al. (2025) Autophagy is induced during plant grafting to promote wound healing. *Nature communications*, 16(1), 3483.

He T, et al. (2025) Epidermal electronic-tattoo for plant immune response monitoring. *Nature communications*, 16(1), 3244.

Xu J, et al. (2025) ANAPHASE-PROMOTING COMPLEX/CYCLOSOME coactivators maintain AURORA 1 kinase homeostasis during meiotic chromosome segregation. *The Plant cell*, 37(6).

Xu Y, et al. (2025) Gibberellin signaling regulates pectin biosynthesis in Arabidopsis. *Nature communications*, 16(1), 4065.

Pang L, et al. (2025) The adaptor protein AP-3 γ disassembles heat-induced stress granules via 19S regulatory particle in Arabidopsis. *Nature communications*, 16(1), 2039.

Boob AG, et al. (2025) Design of diverse, functional mitochondrial targeting sequences across eukaryotic organisms using variational autoencoder. *Nature communications*, 16(1), 4151.