

Resource Summary Report

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University of Nottingham NASC Nottingham Arabidopsis Stock Centre

RRID:SCR_019284

Type: Tool

Proper Citation

University of Nottingham NASC Nottingham Arabidopsis Stock Centre
(RRID:SCR_019284)

Resource Information

URL: <http://arabidopsis.info>

Proper Citation: University of Nottingham NASC Nottingham Arabidopsis Stock Centre
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Description: National and international arabidopsis germplasm resource. Stores over million genotypes in physical stocks servicing worldwide Arabidopsis community in more than 50 countries. Stocks are provided under identical cost recovery conditions to academic and commercial researchers. Non-transgenic stocks are sent gratis to K-17 institutions and in special cases. Provides seed and information resources to International Arabidopsis Genome Programme and research community. Maintains accessions of Arabidopsis thaliana (and small number of other related species), including Characterized lines, Mapping populations, and Insertion lines. You may browse or search catalog.

Abbreviations: NASC

Synonyms: European Arabidopsis Stock Centre, uNASC, Nottingham Arabidopsis Stock Centre, University of Nottingham NASC-Nottingham Arabidopsis Stock Centre, NASC code, NASC-Nottingham Arabidopsis Stock Centre

Resource Type: biomaterial supply resource, service resource, access service resource, material resource

Defining Citation: [PMID:31245752](#)

Keywords: USEDit, arabidopsis germplasm, physical stocks, Arabidopsis community, ABRF, ABRF

Availability: open

Resource Name: University of Nottingham NASC Nottingham Arabidopsis Stock Centre

Resource ID: SCR_019284

Alternate IDs: ABRF_1119, SCR_004576, nlx_56885

Alternate URLs: <https://coremarketplace.org/?FacilityID=1119>

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260801T191230+0000

Ratings and Alerts

No rating or validation information has been found for University of Nottingham NASC Nottingham Arabidopsis Stock Centre.

No alerts have been found for University of Nottingham NASC Nottingham Arabidopsis Stock Centre.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 631 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Mimata Y, et al. (2026) A drought stress-responsive metabolite malate modulates stomatal responses through G-protein-dependent pathway in grapevine and Arabidopsis. *Molecular horticulture*, 6(1), 2.

Bezvoda R, et al. (2025) A Genome-Wide Association Screen for Genes Affecting Leaf Trichome Development and Epidermal Metal Accumulation in Arabidopsis. *Plant, cell & environment*, 48(5), 3708.

Zekri MA, et al. (2025) A rapid freezing method to determine tissue layer thickness in drought-stressed leaves. *Journal of microscopy*, 297(3), 316.

Ulrich L, et al. (2025) CORONATINE INSENSITIVE 1-mediated repression of immunity-related genes in Arabidopsis roots is lifted upon infection with *Verticillium longisporum*. *Journal of experimental botany*, 76(8), 2356.

Zhao J, et al. (2025) Strigolactones optimise plant water usage by modulating vessel formation. *Nature communications*, 16(1), 3854.

Mudge AJ, et al. (2025) POLARIS is a copper-binding peptide that interacts with ETR1 to negatively regulate ethylene signaling in Arabidopsis. *Plant communications*, 6(12), 101432.

Lécureuil A, et al. (2025) Innovative screening for mutants affected in seed oil/protein allocation identifies TRANSPARENT TESTA7 as a regulator of oil accumulation. *The Plant journal : for cell and molecular biology*, 122(6), e70269.

Nabi RBS, et al. (2025) The stress-induced gene AtDUF569 positively regulates salt stress responses in *Arabidopsis thaliana*. *BMC plant biology*, 25(1), 585.

Eriksen E, et al. (2025) The living Barents Sea response to peak-warming and subsequent cooling. *Scientific reports*, 15(1), 13008.

Zhang J, et al. (2025) Nucleic Acid-Locked Smart Carrier for Photothermal/Chemotherapy-Amplified Immunogenic Cell Death to Enhance Systemic Antitumor Efficacy. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(26), e2503299.

Garcia-Hernandez S, et al. (2025) Concerted transport and phosphorylation of diacylglycerol at ER-PM contact sites regulate phospholipid dynamics during stress. *Proceedings of the National Academy of Sciences of the United States of America*, 122(23), e2421334122.

Balobaid A, et al. (2025) *Arabidopsis thaliana* FANCONI ANAEMIA I (FANCI) has roles in the repair of interstrand crosslinks and CRISPR-Cas9 induced DNA double strand breaks. *The Plant journal : for cell and molecular biology*, 124(2), e70533.

Seear PJ, et al. (2025) SCEP3 initiates synapsis and implements crossover interference in *Arabidopsis*. *Nature plants*, 11(12), 2531.

Rosa-Diaz I, et al. (2025) miR825-5p-regulated TNLs govern *Arabidopsis* resistance to *Tetranychus urticae* and *Pieris brassicae*. *The New phytologist*, 247(6), 2927.

Collombat J, et al. (2025) *Arabidopsis* conditional photosynthesis mutants *abc1k1* and *var2* accumulate partially processed thylakoid preproteins and are defective in chloroplast biogenesis. *Communications biology*, 8(1), 111.

Takagi J, et al. (2025) Plant-specific tail-anchored coiled-coil protein MAG3 stabilizes Golgi-associated ERESs to facilitate protein exit from the ER. *Communications biology*, 8(1), 358.

Du G, et al. (2025) Root Hair Development Is Suppressed by Long-Term Mild Heat Through Down-Regulation of RHD6 and RHD6-like Genes. *Plant, cell & environment*, 48(8), 5861.

Waterworth WM, et al. (2025) DNA Double Strand Break Repair Is Important for the Longevity of Primed Seeds. *Plant, cell & environment*, 48(12), 8469.

Schneider R, et al. (2025) NUDIX hydrolases target specific inositol pyrophosphates and regulate phosphate homeostasis and bacterial pathogen susceptibility in *Arabidopsis*. *Journal of integrative plant biology*, 67(12), 3123.

Zeng L, et al. (2025) Mutations in the floral regulator gene HUA2 restore flowering to the *Arabidopsis* trehalose 6-phosphate synthase1 (*tps1*) mutant. *Plant physiology*, 198(2).