

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: access service resource, biomaterial supply resource, material resource, service 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: 20260919T195938+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 674 mentions in open access literature.

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

Wang H, et al. (2026) Generalizable CT-free PET attenuation and scatter correction via few-shot cross domain adaptation. NPJ digital medicine, 9(1).

Carrera-Castaño G, et al. (2026) Membrane-associated DELLA degradation modulates growth under carbon/nitrogen imbalance. The Plant cell, 38(2).

Luo R, et al. (2026) Loss of PMR4 callose synthase triggers jasmonic acid-dependent resistance to the clubroot disease in Arabidopsis and Brassica napus. The Plant cell, 38(6).

Gutkowska M, et al. (2026) Rab geranylgeranyl transferase activity is required for proper sterol biosynthesis in Arabidopsis thaliana. Plant & cell physiology, 67(3), 346.

Gong X, et al. (2026) The ribosome-associated N-terminal acetyltransferase B coordinates global proteostasis and autophagy in plants by creating Ac/N-degrons. Nature communications, 17(1).

Torres-Romero D, et al. (2026) APE1 is involved in the stabilization/formation of the RC47 complex of PSII in oxygenic prototrophic organisms. Plant physiology, 200(1).

Fernández-Jiménez N, et al. (2026) NUP1/NUP136 is essential for obligatory crossover formation during meiosis in Arabidopsis. Genetics, 232(3).

- 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.
- Hikaka JF, et al. (2026) Supporting Equitable Aged Care Access: Feasibility and Acceptability Pilot Study of a Pae?rahi-Facilitated interRAI Self-Assessment Model for Indigenous Elders. *Healthcare management forum*, 39(2), 159.
- Unterholzner SJ, et al. (2026) Brassinosteroids control cell proliferation in the lateral root cap of the Arabidopsis root. *EMBO reports*, 27(9), 2183.
- David P, et al. (2026) The fluorescence-activating and absorption-shifting tag (FAST), a versatile protein marker for live plant cell imaging. *The Plant journal : for cell and molecular biology*, 126(5), e70966.
- Liu L, et al. (2026) Dynamics of Micro-Diatoms in the Austral Autumn/Winter Reveal Ecological Strategies in the Northern End of the Antarctic Peninsula. *Microbial ecology*, 89(1).
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- 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.
- 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.
- 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.
- Nabi RBS, et al. (2025) The stress-induced gene AtDUF569 positively regulates salt stress responses in Arabidopsis thaliana. *BMC plant biology*, 25(1), 585.
- Zhao J, et al. (2025) Strigolactones optimise plant water usage by modulating vessel formation. *Nature communications*, 16(1), 3854.