

Resource Summary Report

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Germplasm Resources Information Network

RRID:SCR_006675

Type: Tool

Proper Citation

Germplasm Resources Information Network (RRID:SCR_006675)

Resource Information

URL: <http://www.ars-grin.gov/>

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Description: Web server to provide germplasm information about plants, animals, microbes, invertebrates and access to databases that maintain passport, characterization, evaluation, inventory, and distribution data for the management and utilization of national germplasm collections. Under control of the U.S. Department of Agriculture's Agricultural Research Service to support the National Genetic Resources Program (NGRP). Operated by the Database Management Unit of the National Germplasm Resource Laboratory in Beltsville, Maryland.

Abbreviations: GRIN

Synonyms: GRIN, Germplasm Resources Information Network

Resource Type: data or information resource, portal, database, organization portal, department portal

Keywords: agriculture, food, germplasm, information, plant, animal, microbe, invertebrate, access, database, distribution, data, management, , FASEB list

Funding: the U.S. Department of Agriculture

Resource Name: Germplasm Resources Information Network

Resource ID: SCR_006675

Alternate IDs: SCR_016462, nlx_21883

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260801T190317+0000

Ratings and Alerts

No rating or validation information has been found for Germplasm Resources Information Network.

No alerts have been found for Germplasm Resources Information Network.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 326 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Branham SE, et al. (2025) Extreme-phenotype genome-wide association study (XP-GWAS) of powdery mildew race 2 W tolerance in the USDA Citrullus germplasm collection. Scientific reports, 15(1), 4781.

Ohno S, et al. (2025) The medial prefrontal cortex encodes procedural rules as sequential neuronal activity dynamics. Molecular brain, 18(1), 56.

Ponciano G, et al. (2025) Characterization of Small Rubber Particle Protein 1 promoter from guayule (Parthenium argentatum). BMC research notes, 18(1), 380.

Yeh PT, et al. (2025) Discrete photoentrainment of mammalian central clock is regulated by bi-stable dynamic network in the suprachiasmatic nucleus. Nature communications, 16(1), 3331.

Behnken B, et al. (2025) Natural variation in expression of a plant immune receptor mediates elicitor sensitivity. bioRxiv : the preprint server for biology.

Neupane A, et al. (2025) Genetic improvement of FHB and DON resistance by combining the Fhb1 gene with additional resistance QTL in winter wheat population. The plant genome, 18(3), e70084.

Han J, et al. (2025) 24-hour simultaneous mPFC's miniature 2-photon imaging, EEG-EMG, and video recording during natural behaviors. Scientific data, 12(1), 1226.

Pettit N, et al. (2025) Genetic and biochemical analyses identify a major locus, GH-PA1, underlying pollen carotenoid accumulation and pigmentation in upland cotton. Journal of experimental botany, 76(22), 6776.

Uhdre R, et al. (2025) Association study of crude seed protein and fat concentration in a USDA pea diversity panel. The plant genome, 18(1), e20485.

Rose C, et al. (2025) The crop wild relative *Fragaria vesca* as source of resistance against strawberry anthracnose. Plant biology (Stuttgart, Germany), 27(7), 1353.

- Patel J, et al. (2025) Soybean genome-wide association study of seed weight, protein, and oil content in the southeastern USA. *Molecular genetics and genomics* : MGG, 300(1), 43.
- Lee D, et al. (2025) QTL mapping and whole-genome sequencing analysis for novel genetic resources associated with sucrose content in soybean [*Glycine max* (L.) Merr.]. *TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik*, 138(2), 43.
- Tonetti T, et al. (2025) Intercellular compartmentation of trehalose 6-phosphate metabolism in *Setaria viridis* leaves. *Journal of experimental botany*, 76(20), 5946.
- Daba SD, et al. (2025) Proteomics analysis of round and wrinkled pea (*Pisum sativum* L.) seeds during different development periods. *Proteomics*, 25(3), e2300363.
- Wang Y, et al. (2025) Compact photoacoustic endoscopy by measuring initial photoacoustic pressure using phase-shift interferometry. *Photoacoustics*, 43, 100710.
- Pruthi R, et al. (2025) A comparative transcriptomic analysis provides insights into molecular mechanisms driving salt tolerance in soybean. *Scientific reports*, 15(1), 31869.
- Frandsen PB, et al. (2025) A chromosome-scale genome assembly and annotation of the tetraploid herb "epazote" (*Dysphania ambrosioides*). *G3* (Bethesda, Md.), 15(11).
- López-González C, et al. (2025) Species-specific phylloplane responses to changes in external pH. *Journal of experimental botany*, 76(17), 5102.
- Lockett-Ruiz V, et al. (2025) Effect of gradient-index lenses on the optical performance of SyntEyes. *Journal of optometry*, 18(3), 100568.
- Feng H, et al. (2025) Genome and Tissue-Specific Transcriptome of the Tropical Milkweed (*Asclepias curassavica*). *Plant direct*, 9(3), e70031.