

Resource Summary Report

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The Soybean GBrowse Database

RRID:SCR_013463

Type: Tool

Proper Citation

The Soybean GBrowse Database (RRID:SCR_013463)

Resource Information

URL: <http://soybeangenome.siu.edu>

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Description: It provides the mapping of relationships between soybean genomic features in a way that is presentable in GBrowse. It combines Perl MySQL database programming with Gbrowse to provide an integrated way of presenting soybean genomic features. The database is also searchable for listings of these relationships.

Synonyms: The Soybean GBrowse Database

Resource Type: data or information resource, database

Keywords: soybean, soybean gene, soybean genome

Resource Name: The Soybean GBrowse Database

Resource ID: SCR_013463

Alternate IDs: nif-0000-03484

Record Creation Time: 20220129T080316+0000

Record Last Update: 20260804T043525+0000

Ratings and Alerts

No rating or validation information has been found for The Soybean GBrowse Database.

No alerts have been found for The Soybean GBrowse Database.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Thudi M, et al. (2021) Genomic resources in plant breeding for sustainable agriculture. *Journal of plant physiology*, 257, 153351.

Yang Y, et al. (2021) Applications of Multi-Omics Technologies for Crop Improvement. *Frontiers in plant science*, 12, 563953.

Yu J, et al. (2014) SFGD: a comprehensive platform for mining functional information from soybean transcriptome data and its use in identifying acyl-lipid metabolism pathways. *BMC genomics*, 15, 271.

Deshmukh R, et al. (2014) Integrating omic approaches for abiotic stress tolerance in soybean. *Frontiers in plant science*, 5, 244.

Wu T, et al. (2009) Mass spectrometry analysis of the variants of histone H3 and H4 of soybean and their post-translational modifications. *BMC plant biology*, 9, 98.

Lightfoot DA, et al. (2008) Soybean genomics: Developments through the use of cultivar "Forrest". *International journal of plant genomics*, 2008, 793158.

Hisano H, et al. (2007) Characterization of the soybean genome using EST-derived microsatellite markers. *DNA research : an international journal for rapid publication of reports on genes and genomes*, 14(6), 271.

Xia Z, et al. (2007) An integrated high-density linkage map of soybean with RFLP, SSR, STS, and AFLP markers using A single F2 population. *DNA research : an international journal for rapid publication of reports on genes and genomes*, 14(6), 257.

Shultz JL, et al. (2006) The Soybean Genome Database (SoyGD): a browser for display of duplicated, polyploid, regions and sequence tagged sites on the integrated physical and genetic maps of Glycine max. *Nucleic acids research*, 34(Database issue), D758.