Resource Summary Report

Generated by NIF on May 15, 2025

SoyDB

RRID:SCR_010900
Type: Tool

Proper Citation

SoyDB (RRID:SCR_010900)

Resource Information

URL: http://casp.rnet.missouri.edu/soydb/

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Description: A Knowledge Database of Soybean Transcription Factors. PSI-BLAST is available to find hits from the database.

Abbreviations: SoyDB

Synonyms: SoyDB: A Knowledge Database of Soybean Transcription Factors

Resource Type: service resource, analysis service resource, data or information resource, database, production service resource, data analysis service

Defining Citation: PMID:20082720

Keywords: transcription factor, blast, amino acid sequence, predicted tertiary structure, dna binding site, domain prediction, homologous protein, protein family classification, multiple sequence alignment, dna binding motif, protein family

Funding: NSF

Availability: Free, Public

Resource Name: SoyDB

Resource ID: SCR_010900

Alternate IDs: OMICS_00563

Record Creation Time: 20220129T080301+0000

Record Last Update: 20250514T061545+0000

Ratings and Alerts

No rating or validation information has been found for SoyDB.

No alerts have been found for SoyDB.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Moran Lauter AN, et al. (2020) Examining Short-Term Responses to a Long-Term Problem: RNA-Seq Analyses of Iron Deficiency Chlorosis Tolerant Soybean. International journal of molecular sciences, 21(10).

Shi WY, et al. (2018) The WRKY Transcription Factor GmWRKY12 Confers Drought and Salt Tolerance in Soybean. International journal of molecular sciences, 19(12).

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.

Moran Lauter AN, et al. (2014) Identification of candidate genes involved in early iron deficiency chlorosis signaling in soybean (Glycine max) roots and leaves. BMC genomics, 15, 702.

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

Herman EM, et al. (2014) Soybean seed proteome rebalancing. Frontiers in plant science, 5, 437.

Xia Z, et al. (2013) Recent achievement in gene cloning and functional genomics in soybean. TheScientificWorldJournal, 2013, 281367.

Cannon SB, et al. (2012) Evolutionary and comparative analyses of the soybean genome. Breeding science, 61(5), 437.

Hernandez-Garcia CM, et al. (2010) High level transgenic expression of soybean (Glycine max) GmERF and Gmubi gene promoters isolated by a novel promoter analysis pipeline. BMC plant biology, 10, 237.

Wang Z, et al. (2010) SoyDB: a knowledge database of soybean transcription factors. BMC plant biology, 10, 14.