Resource Summary Report

Generated by NIF on Apr 27, 2025

Conserved Domains Search

RRID:SCR 018729

Type: Tool

Proper Citation

Conserved Domains Search (RRID:SCR_018729)

Resource Information

URL: https://www.ncbi.nlm.nih.gov/Structure/cdd/wrpsb.cgi

Proper Citation: Conserved Domains Search (RRID:SCR_018729)

Description: Web tool for conserved domains searching within protein or coding nucleotide

sequence.

Synonyms: CD-search

Resource Type: service resource, data or information resource, web service, data access

protocol, software resource

Keywords: Conserved domain, protein, coding nucleotide sequence, domain search,

domain, nucleotide sequence

Funding:

Availability: Free, Freely available

Resource Name: Conserved Domains Search

Resource ID: SCR_018729

Record Creation Time: 20220129T080341+0000

Record Last Update: 20250426T060729+0000

Ratings and Alerts

No rating or validation information has been found for Conserved Domains Search.

No alerts have been found for Conserved Domains Search.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1067 mentions in open access literature.

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

Lan P, et al. (2025) Molecular and biological characterization of infectious full-length cDNA clones of two viruses in Paris yunnanensis, including a novel potyvirus. Scientific reports, 15(1), 473.

Yan XC, et al. (2025) Single-cell transcriptomic profiling of maize cell heterogeneity and systemic immune responses against Puccinia polysora Underw. Plant biotechnology journal, 23(2), 549.

Purnama PR, et al. (2025) Uncovering genetic determinants of antioxidant properties in Thai landrace rice through genome-wide association analysis. Scientific reports, 15(1), 1443.

Islam MSU, et al. (2025) Genome-wide identification and characterization of cation-proton antiporter (CPA) gene family in rice (Oryza sativa L.) and their expression profiles in response to phytohormones. PloS one, 20(1), e0317008.

Tian Z, et al. (2025) Genome-wide identification and analysis of the NF-Y transcription factor family reveal its potential roles in tobacco (Nicotiana tabacum L.). Plant signaling & behavior, 20(1), 2451700.

Bende G, et al. (2025) The Neosartorya (Aspergillus) fischeri antifungal protein NFAP2 has low potential to trigger resistance development in Candida albicans in vitro. Microbiology spectrum, 13(1), e0127324.

Liu X, et al. (2025) Comparative analysis of HKTs in six poplar species and functional characterization of PyHKTs in stress-affected tissues. BMC genomics, 26(1), 18.

Yang T, et al. (2025) Genome-Wide Study of Plant-Specific PLATZ Transcription Factors and Functional Analysis of OsPLATZ1 in Regulating Caryopsis Development of Rice (Oryza sativa L.). Plants (Basel, Switzerland), 14(2).

Poonsiri T, et al. (2025) SidF, a dual substrate N5-acetyl-N5-hydroxy-L-ornithine transacetylase involved in Aspergillus fumigatus siderophore biosynthesis. Journal of

structural biology: X, 11, 100119.

Liu C, et al. (2025) Decarboxylase mediated oxalic acid metabolism is important to antioxidation and detoxification rather than pathogenicity in Magnaporthe oryzae. Virulence, 16(1), 2444690.

Debat H, et al. (2025) RNA Virus Discovery Sheds Light on the Virome of a Major Vineyard Pest, the European Grapevine Moth (Lobesia botrana). Viruses, 17(1).

Yu L, et al. (2025) Unraveling TEOSINTE BRANCHED1/CYCLOIDEA/PROLIFERATING CELL FACTOR Transcription Factors in Safflower: A Blueprint for Stress Resilience and Metabolic Regulation. Molecules (Basel, Switzerland), 30(2).

Xu Z, et al. (2025) An orphan viral genome with unclear evolutionary status sheds light on a distinct lineage of flavi-like viruses infecting plants. Virus evolution, 11(1), veaf001.

Ou C, et al. (2025) Functional Characterization of the PoWHY1 Gene from Platycladus orientalis and Its Role in Abiotic Stress Tolerance in Transgenic Arabidopsis thaliana. Plants (Basel, Switzerland), 14(2).

Li J, et al. (2025) Genome-Wide Identification and Expression Analysis of bHLH-MYC Family Genes from Mustard That May Be Important in Trichome Formation. Plants (Basel, Switzerland), 14(2).

Chen Y, et al. (2025) Genomic, Evolutionary, and Pathogenic Characterization of a New Polerovirus in Traditional Chinese Medicine Viola philippica. Viruses, 17(1).

Zhang J, et al. (2025) Genome-wide identification of the Sec14 gene family and the response to salt and drought stress in soybean (Glycine max). BMC genomics, 26(1), 73.

Huang R, et al. (2025) The Identification of Auxin Response Factors and Expression Analyses of Different Floral Development Stages in Roses. Genes, 16(1).

Wang H, et al. (2025) In Silico Exploration of Staphylococcal Cassette Chromosome mec (SCCmec) Evolution Based on Phylogenetic Relationship of ccrAB/C. Microorganisms, 13(1).

Song L, et al. (2025) Wheat Leaf Rust Effector Pt48115 Localized in the Chloroplasts and Suppressed Wheat Immunity. Journal of fungi (Basel, Switzerland), 11(1).