Resource Summary Report

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DISULFIND

RRID:SCR_016072
Type: Tool

Proper Citation

DISULFIND (RRID:SCR_016072)

Resource Information

URL: http://disulfind.dsi.unifi.it/

Proper Citation: DISULFIND (RRID:SCR_016072)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on February 28,2023, Software for predicting the disulfide bonding state of cysteines and their disulfide connectivity, starting from a protein sequence alone and may be useful in other genomic annotation tasks.

Abbreviations: Disulfinder

Synonyms: Cysteines Disulfide Bonding State and Connectivity Predictor

Resource Type: sequence analysis software, data processing software, software resource, software application, data analysis software

Defining Citation: PMID:16844986, DOI:10.1093/nar/gkl266

Keywords: predict, disulfide, bonding, state, cysteine, protein, sequence, genomic, annotation, bio.tools

Funding: EU STREP APrIL II contract no. FP6-508861;
EU NoE BIOPATTERN contract no. FP6-508803;
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Engineering and Technology

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: DISULFIND

Resource ID: SCR_016072

Alternate IDs: OMICS_04214, biotools:disulfind

Alternate URLs: https://bio.tools/disulfind, https://sources.debian.org/src/disulfinder/

Record Creation Time: 20220129T080328+0000

Record Last Update: 20250412T060000+0000

Ratings and Alerts

No rating or validation information has been found for DISULFIND.

No alerts have been found for DISULFIND.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 66 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Salabi F, et al. (2023) Identification, classification, and characterization of alpha and beta subunits of LVP1 protein from the venom gland of four Iranian scorpion species. Scientific reports, 13(1), 22277.

Brewer MS, et al. (2023) Killer Knots: Molecular Evolution of Inhibitor Cystine Knot Toxins in Wandering Spiders (Araneae: Ctenidae). Toxins, 15(2).

Nuryana I, et al. (2022) Expression of Codon-Optimized Gene Encoding Murine Moloney Leukemia Virus Reverse Transcriptase in Escherichia coli. The protein journal, 41(4-5), 515.

Pimkova K, et al. (2022) Quantitative analysis of redox proteome reveals oxidation-sensitive protein thiols acting in fundamental processes of developmental hematopoiesis. Redox biology, 53, 102343.

Arenas NE, et al. (2022) Design of a specific peptide against phenolic glycolipid-1 from Mycobacterium leprae and its implications in leprosy bacilli entry. Memorias do Instituto Oswaldo Cruz, 117, e220025.

Sacchi S, et al. (2021) Yin and Yang in Post-Translational Modifications of Human D-Amino Acid Oxidase. Frontiers in molecular biosciences, 8, 684934.

Zhou X, et al. (2021) Expression and Function Analysis of Interleukin-17A/F1, 2, and 3 Genes in Yellow Catfish (Pelteobagrus fulvidraco): Distinct Bioactivity of Recombinant IL-17A/F1, 2, and 3. Frontiers in immunology, 12, 626895.

Estrada-Gómez S, et al. (2021) Analysis of High Molecular Mass Compounds from the Spider Pamphobeteus verdolaga Venom Gland. A Transcriptomic and MS ID Approach. Toxins, 13(7).

Bartošová-Sojková P, et al. (2021) Evolutionary Analysis of Cystatins of Early-Emerging Metazoans Reveals a Novel Subtype in Parasitic Cnidarians. Biology, 10(2).

Sadri Najafabadi Z, et al. (2021) Designing of a chimeric protein contains StxB, intimin and EscC against toxicity and adherence of enterohemorrhagic Escherichia coli O157:H7 and evaluation of serum antibody titers against it. Molecular immunology, 134, 218.

Ebert MK, et al. (2021) Identification and characterization of Cercospora beticola necrosis-inducing effector CbNip1. Molecular plant pathology, 22(3), 301.

Holzknecht J, et al. (2020) The Penicillium chrysogenum Q176 Antimicrobial Protein PAFC Effectively Inhibits the Growth of the Opportunistic Human Pathogen Candida albicans. Journal of fungi (Basel, Switzerland), 6(3).

Nikoloudakis N, et al. (2020) Structural Diversity and Highly Specific Host-Pathogen Transcriptional Regulation of Defensin Genes Is Revealed in Tomato. International journal of molecular sciences, 21(24).

Chen C, et al. (2020) Multimodal imaging and genetic characteristics of Chinese patients with USH2A-associated nonsyndromic retinitis pigmentosa. Molecular genetics & genomic medicine, 8(11), e1479.

Joo MS, et al. (2020) The molecular characterization, expression analysis and antimicrobial activity of theromacin from Asian polychaeta (Perinereis linea). Developmental and comparative immunology, 112, 103773.

Christie AE, et al. (2020) Multiple transcriptome mining coupled with tissue specific molecular cloning and mass spectrometry provide insights into agatoxin-like peptide conservation in decapod crustaceans. General and comparative endocrinology, 299, 113609.

Bitarafan F, et al. (2020) Three Novel Variants identified in FBN1 and TGFBR2 in seven Iranian families with suspected Marfan syndrome. Molecular genetics & genomic medicine, 8(8), e1274.

Deng M, et al. (2020) Jingzhaotoxin-X, a gating modifier of Kv4.2 and Kv4.3 potassium channels purified from the venom of the Chinese tarantula Chilobrachys jingzhao. The journal of venomous animals and toxins including tropical diseases, 26, e20190043.

Su Y, et al. (2020) A novel C-type lectin with a YPD motif from Portunus trituberculatus (PtCLec1) mediating pathogen recognition and opsonization. Developmental and comparative immunology, 106, 103609.

Fu T, et al. (2020) Two antimicrobial genes from Aegilops tauschii Cosson identified by the Bacillus subtilis expression system. Scientific reports, 10(1), 13346.