Resource Summary Report

Generated by RRID on Apr 18, 2025

DictyOGlyc

RRID:SCR_001600
Type: Tool

Proper Citation

DictyOGlyc (RRID:SCR_001600)

Resource Information

URL: http://www.cbs.dtu.dk/services/DictyOGlyc/

Proper Citation: DictyOGlyc (RRID:SCR_001600)

Description: Server that produces neural network predictions for GlcNAc O-glycosylation sites in Dictyostelium discoideum proteins.

Abbreviations: DictyOGlyc

Resource Type: analysis service resource, data analysis service, service resource, production service resource

Defining Citation: PMID:10521537

Keywords: glcnac glycosylation site, neural network, o-glycosylation, prediction, proteome, glycoprotein, glcnac, sequence, bio.tools

Funding: Deutscher Akademischer Austauschdienst ;
HspII/AUFE ;
Macquarie University International Postgraduate Research Award ;
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National Health and MRC ;
Danish National Research Foundation

Resource Name: DictyOGlyc

Resource ID: SCR_001600

Alternate IDs: nlx_153856, biotools:dictyoglyc

Alternate URLs: https://bio.tools/dictyoglyc

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250418T054941+0000

Ratings and Alerts

No rating or validation information has been found for DictyOGlyc.

No alerts have been found for DictyOGlyc.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Yu F, et al. (2024) O-GlcNAc modification of GSDMD attenuates LPS-induced endothelial cells pyroptosis. Inflammation research : official journal of the European Histamine Research Society ... [et al.], 73(1), 5.

Akinbiyi EO, et al. (2021) Blocked O-GlcNAc cycling alters mitochondrial morphology, function, and mass. Scientific reports, 11(1), 22106.

Goonetilleke SN, et al. (2020) Variation among S-locus haplotypes and among stylar RNases in almond. Scientific reports, 10(1), 583.

Xu H, et al. (2020) Suppression of Transferrin Expression Enhances the Susceptibility of Plutella xylostella to Isaria cicadae. Insects, 11(5).

Pettongkhao S, et al. (2020) A secreted protein of 15?kDa plays an important role in Phytophthora palmivora development and pathogenicity. Scientific reports, 10(1), 2319.

Zhang J, et al. (2018) Aberrant seed development in Litchi chinensis is associated with the impaired expression of cell wall invertase genes. Horticulture research, 5, 39.

Jones RW, et al. (2017) A Small Cellulose-Binding-Domain Protein (CBD1) in Phytophthora is Highly Variable in the Non-binding Amino Terminus. Current microbiology, 74(11), 1287.

Tesson B, et al. (2017) Characterization of a New Protein Family Associated With the Silica Deposition Vesicle Membrane Enables Genetic Manipulation of Diatom Silica. Scientific

reports, 7(1), 13457.

Li FF, et al. (2014) Molecular cloning and characterization of a novel P450 gene encoding CYP6BK18 from Dastarcus helophoroides (Coleoptera: Bothrideridae). Journal of insect science (Online), 14, 243.

Willis JD, et al. (2011) Identification, cloning, and expression of a GHF9 cellulase from Tribolium castaneum (Coleoptera: Tenebrionidae). Journal of insect physiology, 57(2), 300.

Ying H, et al. (2010) Posttranslational modifications, localization, and protein interactions of optineurin, the product of a glaucoma gene. PloS one, 5(2), e9168.

Matsunami K, et al. (2006) Molecular cloning of pigGnT-I and I.2: an application to xenotransplantation. Biochemical and biophysical research communications, 343(3), 677.