

Resource Summary Report

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DictyOGlyc

RRID:SCR_001600

Type: Tool

Proper Citation

DictyOGlyc (RRID:SCR_001600)

Resource Information

URL: <https://services.healthtech.dtu.dk/services/DictyOGlyc-1.1/>

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

Abbreviations: DictyOGlyc

Resource Type: production service resource, data analysis service, service resource, analysis 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 ;
Australian Research Council ;
National Health and MRC ;
Danish National Research Foundation

Availability: Free, Freely available

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: 20260803T040305+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 14 mentions in open access literature.

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

Liu Q, et al. (2025) Establishment of an indirect ELISA method for detecting bovine coronavirus antibodies based on N protein. *Frontiers in veterinary science*, 12, 1530870.

Li Y, et al. (2025) Artesunate inhibits hepatocellular carcinoma cell migration and invasion through OGA-mediated O-GlcNAcylation of ZEB1. *Open life sciences*, 20(1), 20251109.

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.

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.

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

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.