Resource Summary Report

Generated by RRID on Apr 17, 2025

NetOGlyc

RRID:SCR_009026

Type: Tool

Proper Citation

NetOGlyc (RRID:SCR_009026)

Resource Information

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

Proper Citation: NetOGlyc (RRID:SCR_009026)

Description: Server that produces predictions of mucin-type GalNAc O-glycosylation sites in

mammalian proteins.

Abbreviations: NetOGlyc

Synonyms: NetOGlyc Server

Resource Type: data analysis service, software application, analysis service resource,

production service resource, software resource, service resource

Defining Citation: PMID:23584533

Keywords: neural network, predict, mucin, galnac, o-glycosylation site, protein, o-glycosylation, glycoprotein, o-glycoproteome, glycosite, proteome, bio.tools

Funding:

Availability: Acknowledgement requested

Resource Name: NetOGlyc

Resource ID: SCR_009026

Alternate IDs: nlx_153864, biotools:netoglyc

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

Record Creation Time: 20220129T080250+0000

Record Last Update: 20250417T065341+0000

Ratings and Alerts

No rating or validation information has been found for NetOGlyc.

No alerts have been found for NetOGlyc.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 577 mentions in open access literature.

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

Wang J, et al. (2025) Dynamic O-GlcNAcylation coordinates etoposide-triggered tumor cell pyroptosis by regulating p53 stability. The Journal of biological chemistry, 301(1), 108050.

Devanathan N, et al. (2025) Emerging lineages A2.2.1 and A2.2.2 of human metapneumovirus (hMPV) in pediatric respiratory infections: Insights from India. IJID regions, 14, 100486.

Hung CH, et al. (2024) Defective N-glycosylation of IL6 induces metastasis and tyrosine kinase inhibitor resistance in lung cancer. Nature communications, 15(1), 7885.

Korsun N, et al. (2024) Resurgence of respiratory syncytial virus with dominance of RSV-B during the 2022-2023 season. Frontiers in microbiology, 15, 1376389.

Shobade SO, et al. (2024) Plant root associated chitinases: structures and functions. Frontiers in plant science, 15, 1344142.

P?kacz M, et al. (2024) Molecular insights and antibody response to Dr20/22 in dogs naturally infected with Dirofilaria repens. Scientific reports, 14(1), 12979.

Zaman S, et al. (2024) Recurrent evolution of adhesive defence systems in amphibians by parallel shifts in gene expression. Nature communications, 15(1), 5612.

Khasawneh AI, et al. (2024) Molecular characterization of human respiratory syncytial virus strains circulating among hospitalized children in Jordan. BMC infectious diseases, 24(1), 1347.

Földvári G, et al. (2024) Genomic characterization of Volzhskoe tick virus (Bunyaviricetes) from a Hyalomma marginatum tick, Hungary. Scientific reports, 14(1), 18945.

Torungkitmangmi N, et al. (2024) Molecular and biochemical characterizations of a Fasciola gigantica retinoid X receptor-? isoform A (FgRXR?-A). Scientific reports, 14(1), 12347.

Litvin U, et al. (2024) Evolution of the Cytomegalovirus RL11 gene family in Old World monkeys and Great Apes. Virus evolution, 10(1), veae066.

Hui Y, et al. (2024) High glucose impairs cognitive function through inducing mitochondrial calcium overload in Treg cells. iScience, 27(1), 108689.

Aziz F, et al. (2024) Phylogenetic and phylodynamic analysis of respiratory syncytial virus strains circulating in children less than five years of age in Karachi-Pakistan. Infection, genetics and evolution: journal of molecular epidemiology and evolutionary genetics in infectious diseases, 126, 105694.

Chaimon S, et al. (2024) Molecular and biological characterization of transforming growth factor-? homolog derived from Trichinella spiralis. Scientific reports, 14(1), 31229.

Mood R, et al. (2024) The serine protease inhibitor HAMpin-1 produced by the ectoparasite Hyalomma anatolicum salivary gland modulates the host complement system. The Journal of biological chemistry, 300(9), 107684.

Dutta TK, et al. (2024) Induced knockdown of Mg-odr-1 and Mg-odr-3 perturbed the host seeking behavior of Meloidogyne graminicola in rice. Heliyon, 10(4), e26384.

Omer I, et al. (2024) Design of an epitope-based peptide vaccine against Cryptococcus neoformans. FEBS open bio, 14(9), 1471.

Hui Y, et al. (2024) O-GlcNAcylation of circadian clock protein Bmal1 impairs cognitive function in diabetic mice. The EMBO journal, 43(22), 5667.

Prakash S, et al. (2024) Cross-protection induced by highly conserved human B, CD4+, and CD8+ T-cell epitopes-based vaccine against severe infection, disease, and death caused by multiple SARS-CoV-2 variants of concern. Frontiers in immunology, 15, 1328905.

Le NMT, et al. (2024) Expression of virus-like particles (VLPs) of foot-and-mouth disease virus (FMDV) using Saccharomyces cerevisiae. Applied microbiology and biotechnology, 108(1), 81.