

# Resource Summary Report

Generated by [RRID](#) on Apr 8, 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:** analysis service resource, data analysis service, production service resource, software application, service resource, software 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:** 20250407T215745+0000

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## Ratings and Alerts

No rating or validation information has been found for NetOGlyc.

No alerts have been found for NetOGlyc.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## 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- $\gamma$  isoform A (FgRXR $\gamma$ -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- $\beta$  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.

Kiribayeva A, et al. (2024) An impact of N-glycosylation on biochemical properties of a recombinant  $\alpha$ -amylase from *Bacillus licheniformis*. *Heliyon*, 10(6), e28064.

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.