

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[NetOGlyc](#)

RRID:SCR_009026

Type: Tool

Proper Citation

NetOGlyc (RRID:SCR_009026)

Resource Information

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

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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, service resource, software application, 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

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: 20260829T182317+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 643 mentions in open access literature.

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

Yang X, et al. (2026) Knockout of aminopeptidase N3 confers resistance to low concentrations of *Bacillus thuringiensis* Cry4Ba protoxin in *Aedes aegypti*. *Parasites & vectors*, 19(1).

Zhang X, et al. (2026) Genome-Wide Identification of PSK Gene Family and Effects of Abscissic Acid (ABA) in Regulating Antioxidant Activity and ROS Signaling Under Drought Stress in *Brassica napus*. *International journal of molecular sciences*, 27(2).

Chorozian K, et al. (2026) Characterization of an AA9 LPMO from *Fusarium oxysporum* and its role in cellulose hydrolysis and functionalization. *Biotechnology for biofuels and bioproducts*, 19(1).

??igon P, et al. (2026) The Entomotoxic Fungal Lectin *Marasmius oreades* Agglutinin Disrupts the Midgut Epithelium of Colorado Potato Beetle Larvae. *Journal of agricultural and food chemistry*, 74(8), 6890.

Silva-Caso W, et al. (2026) Genetic diversity and molecular characterization of HRSV-A on the coast of Peru, 2009-2020. *Frontiers in microbiology*, 17, 1704867.

Tong Y, et al. (2026) Genome-wide identification and expression analysis of stress-associated proteins (SAPs) containing A20/AN1 Zinc finger in *Dendrobium officinale*. *BMC plant biology*, 26(1).

Jiang S, et al. (2026) B4GALNT4-Mediated Glycosylation of PDK1 Activates the PI3K-AKT Signaling Pathway to Promote Prostate Cancer Progression. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(23), e11293.

Font-Porterias N, et al. (2026) Signatures of pathogen-driven selection and Austronesian gene flow of Papua New Guinea HLA alleles. *American journal of human genetics*, 113(6), 1175.

Fu Y, et al. (2026) Disruption of yellow-e3 impairs both adult molting and cuticular melanization in the honeybee (*Apis mellifera*). *Frontiers in zoology*, 23(1).

Chen Y, et al. (2026) Genome-wide identification, classification and expression analysis of laccase family members in *Solanum lycopersicum*. *BMC plant biology*, 26(1), 337.

Koitto T, et al. (2026) Functional characterization of a dockerin-containing expansin-like protein from the anaerobic fungus *Neocallimastix californiae*. *Biotechnology for biofuels and bioproducts*, 19(1).

Abdulgader SA, et al. (2026) Genetic characterization of influenza A (A/H3N2) viruses reveals antigenic drift in receptor binding domain and possible vaccine mismatch in strains circulating in Riyadh, Saudi Arabia, 2024-2025. *BMC infectious diseases*, 26(1).

Foroutan M, et al. (2026) Is *Toxoplasma gondii*-secreted Protein With an Altered Thrombospondin Repeat (TgSPATR) a Potential Candidate for Immunisation? An Immunoinformatics-Based Analysis. *Veterinary medicine and science*, 12(1), e70807.

Mubarak SMH, et al. (2026) Decoding the impact of nsSNP variants on BCL6 function through integrated computational analysis. *Current research in structural biology*, 11, 100180.

Rafi MO, et al. (2026) Predicting the Impact of Deleterious Single-Nucleotide Polymorphisms in the p47ING1a Isoform of Human ING1 Gene. *Genetics research*, 2026(1), e2859448.

De Coninck T, et al. (2025) OsAPSE modulates non-covalent interactions between arabinogalactan protein O-glycans and pectin in rice cell walls. *Frontiers in plant science*, 16, 1588802.

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.

Meethong M, et al. (2025) The acidic latex protein from *Hevea brasiliensis* serves as an anionic antimicrobial peptide. *PeerJ*, 13, e19242.

Sharif M, et al. (2025) Decoding pathogenic MMP9 variants in rheumatoid arthritis using computational and molecular dynamics approaches. *Scientific reports*, 15(1), 33743.

Yang F, et al. (2025) Small granule protein CP2 of *Cryptosporidium* translocates to the parasite-host interface during invasion and localizes to parasitophorous vacuole membrane in association with other secretory proteins. *PLoS pathogens*, 21(12), e1013847.