

Resource Summary Report

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[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: data analysis service, service resource, software application, production service resource, software resource, analysis 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

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: 20260801T190409+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 601 mentions in open access literature.

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

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.

Karakavuk T, et al. (2025) Recombinant ROP6 protein expressed in *Saccharomyces cerevisiae* INVSc1 cells induced strong immune response and provided significant protection against toxoplasmosis. *Scientific reports*, 15(1), 32979.

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

Martínez-Marrero N, et al. (2025) Molecular Epidemiology of Human Metapneumovirus Infections in Children from San Luis Potosí-Mexico. *Viruses*, 17(10).

Guo X, et al. (2025) Dominance of the GI-19 genotype and genomic characterization of the S1 gene in avian infectious bronchitis virus from 2020 to 2024. *Frontiers in cellular and infection microbiology*, 15, 1640152.

Hu Y, et al. (2025) Functional Divergence of Plant-Derived Thaumatin-Like Protein Genes in Two Closely Related Whitefly Species. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(16), e2502193.

Yao X-Y, et al. (2025) Epidemiological, virological, and pathogenic insights into Nairobi sheep disease virus infection in sheep and goats in China. *Journal of virology*, 99(6), e0000625.

Kronenberg PA, et al. (2025) Identification and characterization of the elusive protein backbone of the immuno-dominant and species-specific Em2(G11) metacestode antigen of *Echinococcus multilocularis*. *Frontiers in parasitology*, 4, 1540215.

Tariq TB, et al. (2025) Molecular modelling and gene expression analysis to probe the GT-? trihelix transcription factors in *Solanum tuberosum* under drought stress. *Scientific reports*, 15(1), 12471.

Gulzar RMA, et al. (2025) Genome-wide identification of NHX gene family and effects of salicylic acid in regulating antioxidant activity as well as nutrients deposition under salt stress in three *Brassica* species. *BMC plant biology*, 25(1), 740.

Wen Q, et al. (2025) Molecular epidemiological characterization of human bocavirus (HBoV) in acute respiratory infection (ARI) patients in Yucheng, China. *Frontiers in public health*, 13, 1548907.

Molari WS, et al. (2025) Amblyostatin-1, the first salivary cystatin with host immunomodulatory and anti-inflammatory properties from the Neotropical tick *Amblyomma sculptum*, vector of Brazilian spotted fever. *Frontiers in immunology*, 16, 1585703.

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.

Ahmed A, et al. (2025) Equal Prevalence of Genotypes ON1 and BA of Human Orthopneumovirus in Riyadh, Saudi Arabia, in 2022. *Current issues in molecular biology*, 47(10).

Apanasevich M, et al. (2025) Genomic Characterization of a Novel Yezo Virus Revealed in *Ixodes pavlovskyi* Tick Virome in Western Siberia. *Viruses*, 17(10).

Abdulgader SA, et al. (2025) Genetic Divergence of H1N1pdm09 in Saudi Arabia: Unveiling a Novel N-Glycosylation Site and Its Role in Vaccine Mismatch. *Vaccines*, 13(11).

Kanwal A, et al. (2025) Computational development of multi-epitope vaccine to induce adaptive immunity against multi-drug resistant *Prevotella intermedia*. *BMC infectious diseases*, 25(1), 1674.

Akishev Z, et al. (2025) Comparative biochemical properties of recombinant goat and calf chymosins and their implications in dairy processing. *Scientific reports*, 15(1), 26502.