Resource Summary Report

Generated by dkNET on May 3, 2025

NetNGlyc

RRID:SCR_001570
Type: Tool

Proper Citation

NetNGlyc (RRID:SCR_001570)

Resource Information

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

Proper Citation: NetNGlyc (RRID:SCR_001570)

Description: Server that predicts N-Glycosylation sites in human proteins using artificial neural networks that examine the sequence context of Asn-Xaa-Ser/Thr sequons. NetNGlyc 1.0 is also available as a stand-alone software package, with the same functionality as the service above. Ready-to-ship packages exist for the most common UNIX platforms.

Abbreviations: NetNGlyc

Synonyms: NetNGlyc Server

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

Keywords: predict, n-glycosylation site, human, protein, neural network, sequence, asn-xaa-ser/thr sequon, glycoprotein, bio.tools

Funding:

Availability: Acknowledgement requested

Resource Name: NetNGlyc

Resource ID: SCR_001570

Alternate IDs: nlx_153863, biotools:netnglyc

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

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250503T055438+0000

Ratings and Alerts

No rating or validation information has been found for NetNGlyc.

No alerts have been found for NetNGlyc.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1663 mentions in open access literature.

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

Espinheira RP, et al. (2025) Discovery and Characterization of Mannan-Specialized GH5 Endo-1,4-?-mannanases: a Strategy for Açaí (Euterpe oleracea Mart.) Seeds Upgrading. Journal of agricultural and food chemistry, 73(1), 625.

Wang P, et al. (2025) NcSWP8, a New Spore Wall Protein, Interacts with Polar Tube Proteins in the Parasitic Microsporidia Vairimorpha (Nosema) ceranae. Microorganisms, 13(1).

Kusumoto K, et al. (2025) Multispanning membrane protein SIDT2 increases knockdown activity of gapmer antisense oligonucleotides. Scientific reports, 15(1), 586.

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.

Wang X, et al. (2024) Comprehensive analysis of the aldehyde dehydrogenase gene family in Phaseolus vulgaris L. and their response to saline-alkali stress. Frontiers in plant science, 15, 1283845.

Petrone ME, et al. (2024) A ~40-kb flavi-like virus does not encode a known error-correcting mechanism. Proceedings of the National Academy of Sciences of the United States of

America, 121(30), e2403805121.

Wang AD, et al. (2024) The N545S and K717N substitution at the N-glycosylation sites of the S2 subunit of avian infectious bronchitis virus can significantly enhance viral pathogenicity. Poultry science, 103(9), 103991.

Sun HY, et al. (2024) PTEN regulated by gga-miR-20a-5p is involved in chicken macrophages inflammatory response to APEC infection via autophagy. Poultry science, 103(11), 104170.

Goldberg AR, et al. (2024) Widespread exposure to SARS-CoV-2 in wildlife communities. Nature communications, 15(1), 6210.

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.

Reggi S, et al. (2024) Seed-specific expression of porcine verotoxigenic Escherichia coli antigens in tobacco plants as a potential model of edible vaccines. Veterinary research communications, 48(3), 1435.

Aarthy M, et al. (2024) Identification and prioritisation of potential vaccine candidates using subtractive proteomics and designing of a multi-epitope vaccine against Wuchereria bancrofti. Scientific reports, 14(1), 1970.

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

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.

Wang N, et al. (2024) Epidemiological and genetic characterization of the influenza A (H1N1) virus in Hangzhou City in 2023. Frontiers in public health, 12, 1464435.

He L, et al. (2024) Evidence of an emerging triple-reassortant H3N3 avian influenza virus in China. BMC genomics, 25(1), 1249.

Radveikien? I, et al. (2024) Blue and Yellow Laccases from Alternaria sp. Strain HU: Characterization and Immobilization on Magnetic Nanoparticles. Journal of fungi (Basel, Switzerland), 10(8).

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.

Simusika P, et al. (2024) Characterization of human respiratory syncytial virus in children with severe acute respiratory infection before and during the COVID-19 pandemic. IJID regions, 11, 100354.