Resource Summary Report

Generated by dkNET on Apr 27, 2025

GlycReSoft

RRID:SCR_012122
Type: Tool

Proper Citation

GlycReSoft (RRID:SCR_012122)

Resource Information

URL: https://code.google.com/p/glycresoft/

Proper Citation: GlycReSoft (RRID:SCR_012122)

Description: A software package for automated recognition of glycans from LC/MS data.

Resource Type: software resource

Defining Citation: PMID:23049804

Keywords: software package

Funding:

Availability: GNU General Public License

Resource Name: GlycReSoft

Resource ID: SCR_012122

Alternate IDs: OMICS_05674

Record Creation Time: 20220129T080308+0000

Record Last Update: 20250420T014607+0000

Ratings and Alerts

No rating or validation information has been found for GlycReSoft.

No alerts have been found for GlycReSoft.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Klein J, et al. (2024) Expanding N-glycopeptide identifications by modeling fragmentation, elution, and glycome connectivity. Nature communications, 15(1), 6168.

Wojtkiewicz M, et al. (2024) Multinozzle Emitter for Improved Negative Mode Analysis of Reduced Native N-Glycans by Microflow Porous Graphitized Carbon Liquid Chromatography Mass Spectrometry. Analytical chemistry, 96(15), 5746.

Marie AL, et al. (2023) Highly-sensitive label-free deep profiling of N-glycans released from biomedically-relevant samples. Nature communications, 14(1), 1618.

Cavallero GJ, et al. (2022) O-Glycoproteomic analysis of engineered heavily glycosylated fusion proteins using nanoHILIC-MS. Analytical and bioanalytical chemistry, 414(27), 7855.

Chang D, et al. (2022) Improving Statistical Certainty of Glycosylation Similarity between Influenza A Virus Variants Using Data-Independent Acquisition Mass Spectrometry. Molecular & cellular proteomics : MCP, 21(11), 100412.

Sethi MK, et al. (2022) In-Depth Matrisome and Glycoproteomic Analysis of Human Brain Glioblastoma Versus Control Tissue. Molecular & cellular proteomics : MCP, 21(4), 100216.

Chang D, et al. (2021) Data-independent acquisition mass spectrometry for site-specific glycoproteomics characterization of SARS-CoV-2 spike protein. Analytical and bioanalytical chemistry, 413(29), 7305.

Lang Y, et al. (2021) Comparison of Different Labeling Techniques for the LC-MS Profiling of Human Milk Oligosaccharides. Frontiers in chemistry, 9, 691299.

Pan L, et al. (2021) In vitro fermentation and isolation of heparin-degrading bacteria from human gut microbiota. Anaerobe, 68, 102289.

Hackett WE, et al. (2021) The Need for Community Standards to Enable Accurate Comparison of Glycoproteomics Algorithm Performance. Molecules (Basel, Switzerland), 26(16).

Cao S, et al. (2021) Cloning, Heterologous Expression, and Characterization of a ??-

Carrageenase From Marine Bacterium Wenyingzhuangia funcanilytica: A Specific Enzyme for the Hybrid Carrageenan-Furcellaran. Frontiers in microbiology, 12, 697218.

Li L, et al. (2020) Multi-task learning sparse group lasso: a method for quantifying antigenicity of influenza A(H1N1) virus using mutations and variations in glycosylation of Hemagglutinin. BMC bioinformatics, 21(1), 182.

Chang D, et al. (2020) Measuring Site-specific Glycosylation Similarity between Influenza a Virus Variants with Statistical Certainty. Molecular & cellular proteomics : MCP, 19(9), 1533.

Chen J, et al. (2019) Comparison of Low-Molecular-Weight Heparins Prepared From Ovine Heparins With Enoxaparin. Clinical and applied thrombosis/hemostasis : official journal of the International Academy of Clinical and Applied Thrombosis/Hemostasis, 25, 1076029619840701.

Wang X, et al. (2019) Extraction, isolation and structural characterization of a novel polysaccharide from Cyclocarya paliurus. International journal of biological macromolecules, 132, 864.

Yan L, et al. (2019) Bottom-up analysis using liquid chromatography-Fourier transform mass spectrometry to characterize fucosylated chondroitin sulfates from sea cucumbers. Glycobiology, 29(11), 755.

Cao S, et al. (2019) Anticoagulant and Antithrombotic Properties in Vitro and in Vivo of a Novel Sulfated Polysaccharide from Marine Green Alga Monostroma nitidum. Marine drugs, 17(4).

Li Q, et al. (2018) Structural Characterization and Interaction with RCA120 of a Highly Sulfated Keratan Sulfate from Blue Shark (Prionace glauca) Cartilage. Marine drugs, 16(4).

Sun X, et al. (2017) N-glycans released from glycoproteins using a commercial kit and comprehensively analyzed with a hypothetical database. Journal of pharmaceutical analysis, 7(2), 87.

Haserick JR, et al. (2017) Cryptosporidium parvum vaccine candidates are incompletely modified with O-linked-N-acetylgalactosamine or contain N-terminal N-myristate and S-palmitate. PloS one, 12(8), e0182395.