# **Resource Summary Report**

Generated by NIF on May 16, 2025

# **GlycoWorkbench**

RRID:SCR\_000782

Type: Tool

### **Proper Citation**

GlycoWorkbench (RRID:SCR\_000782)

#### **Resource Information**

**URL:** https://code.google.com/p/glycoworkbench/

**Proper Citation:** GlycoWorkbench (RRID:SCR\_000782)

**Description:** A suite of software tools designed for the rapid drawing of glycan structures and for assisting the process of structure determination from mass spectrometry data.

Resource Type: software resource

**Defining Citation: PMID:23109548** 

Keywords: rapid drawing of glycan structures

Funding:

Resource Name: GlycoWorkbench

Resource ID: SCR\_000782

Alternate IDs: OMICS\_05691

**Record Creation Time:** 20220129T080203+0000

**Record Last Update:** 20250420T014006+0000

## **Ratings and Alerts**

No rating or validation information has been found for GlycoWorkbench.

No alerts have been found for GlycoWorkbench.

#### **Data and Source Information**

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 5 mentions in open access literature.

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

Zhang H, et al. (2024) Deep learning enhanced the diagnostic merit of serum glycome for multiple cancers. iScience, 27(1), 108715.

DelaCourt AT, et al. (2022) Novel Combined Enzymatic Approach to Analyze Nonsialylated N-Linked Glycans through MALDI Imaging Mass Spectrometry. Journal of proteome research, 21(8), 1930.

DelaCourt A, et al. (2021) N-Glycosylation Patterns Correlate with Hepatocellular Carcinoma Genetic Subtypes. Molecular cancer research: MCR, 19(11), 1868.

Gaunitz S, et al. (2021) The N-glycan profile in cortex and hippocampus is altered in Alzheimer disease. Journal of neurochemistry, 159(2), 292.

Silver ZA, et al. (2020) Discovery of O-Linked Carbohydrate on HIV-1 Envelope and Its Role in Shielding against One Category of Broadly Neutralizing Antibodies. Cell reports, 30(6), 1862.