

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org/) on Apr 11, 2025

## GlycanBuilder

RRID:SCR\_012123

Type: Tool

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### Proper Citation

GlycanBuilder (RRID:SCR\_012123)

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### Resource Information

**URL:** <https://code.google.com/p/glycanbuilder/>

**Proper Citation:** GlycanBuilder (RRID:SCR\_012123)

**Description:** An intuitive and flexible software tool for building and displaying glycan structures.

**Resource Type:** software resource

**Defining Citation:** [PMID:23109548](https://pubmed.ncbi.nlm.nih.gov/23109548/)

**Keywords:** standalone software

**Funding:**

**Availability:** GNU Lesser General Public License

**Resource Name:** GlycanBuilder

**Resource ID:** SCR\_012123

**Alternate IDs:** OMICS\_05681

**Record Creation Time:** 20220129T080308+0000

**Record Last Update:** 20250410T070230+0000

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### Ratings and Alerts

No rating or validation information has been found for GlycanBuilder.

No alerts have been found for GlycanBuilder.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Killingbeck EE, et al. (2021) Proteomics support the threespine stickleback egg coat as a protective oocyte envelope. *Molecular reproduction and development*, 88(7), 500.

Hasan MM, et al. (2021) Mass Spectrometry Imaging for Glycome in the Brain. *Frontiers in neuroanatomy*, 15, 711955.

Bernardi A, et al. (2020) Development and simulation of fully glycosylated molecular models of ACE2-Fc fusion proteins and their interaction with the SARS-CoV-2 spike protein binding domain. *PloS one*, 15(8), e0237295.

Mariethoz J, et al. (2016) SugarBindDB, a resource of glycan-mediated host-pathogen interactions. *Nucleic acids research*, 44(D1), D1243.

Uribe E, et al. (2013) Ligand and pathogen specificity of the Atlantic salmon serum C-type lectin. *Biochimica et biophysica acta*, 1830(1), 2129.

DeMarco ML, et al. (2009) Characterization of cell-surface prion protein relative to its recombinant analogue: insights from molecular dynamics simulations of diglycosylated, membrane-bound human prion protein. *Journal of neurochemistry*, 109(1), 60.