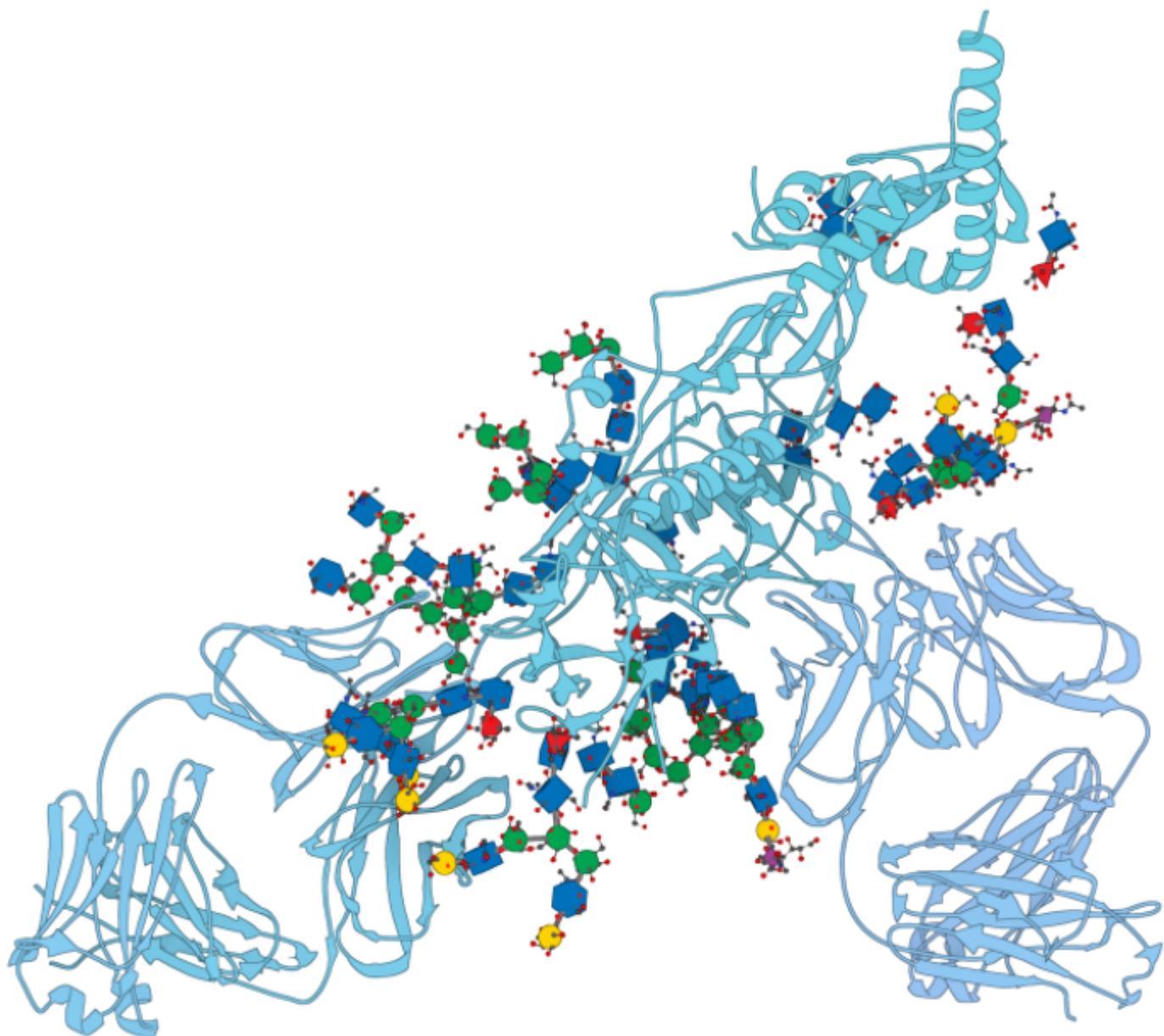


Glycans Visual Models

Description

Visualize glycans with 3D Symbols and make cloud simulations.

<https://www.samson-connect.net/element/df5fa444-ccba-499d-34d7-226132340a25.html>

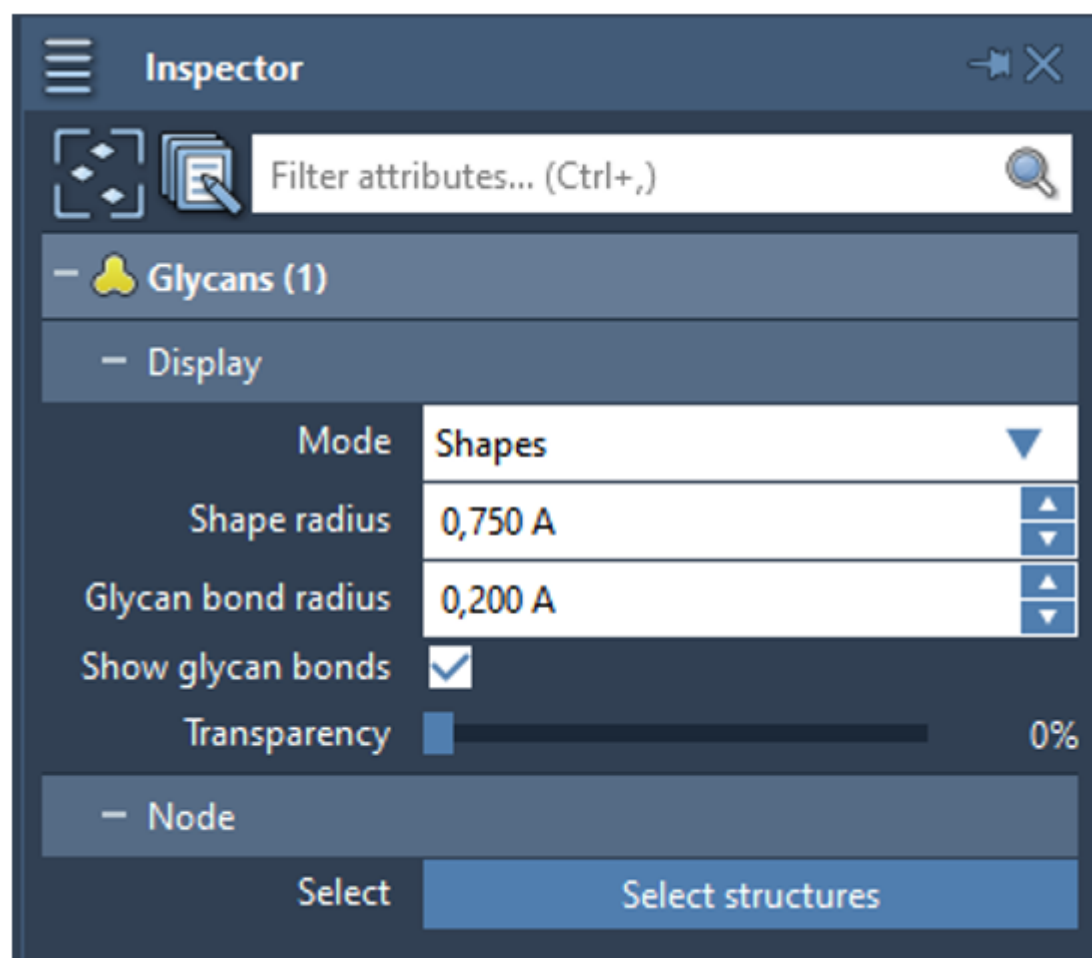


This extension provides a visual model for glycans corresponding to Symbol Nomenclature for Glycans (SNFG) in 3D (<https://www.ncbi.nlm.nih.gov/glycans/snfg.html>).

Press Ctrl+Shift+V or go to the Visualization menu > Visualize > Visual model to apply this visual model. Then, in the pop-up dialog, choose "Glycans" from the list.

Glycans are detected based on their standard names and some standard groups that they contain.

The Glycans Visual Model has several options. Select the visual model in the Document View and open the Inspector (Ctrl+2 or Interface menu > Inspector) to modify them. Representation mode: Shapes (3D SNFG) or Rings (filled rings). Shape radius: modify the size of 3D SNFG shapes. Glycan bond radius: modify the radius of connections between the saccharides in the glycan.



The Inspector panel is titled "Inspector" and features a search bar labeled "Filter attributes... (Ctrl+,)" with a magnifying glass icon. Below the search bar, the panel is organized into sections. The first section is "Glycans (1)", which is expanded to show a "Display" subsection. This subsection contains several settings: "Mode" is set to "Shapes" with a dropdown arrow; "Shape radius" is set to "0,750 A" with up and down arrows; "Glycan bond radius" is set to "0,200 A" with up and down arrows; "Show glycan bonds" is checked with a blue checkmark; and "Transparency" is set to "0%" with a slider bar. Below the "Display" section is a "Node" section, which is currently collapsed. At the bottom of the panel, there is a "Select" button and a "Select structures" button.

Inspector

Filter attributes... (Ctrl+,)

— Glycans (1)

— Display

Mode Shapes ▼

Shape radius 0,750 A ▲ ▼

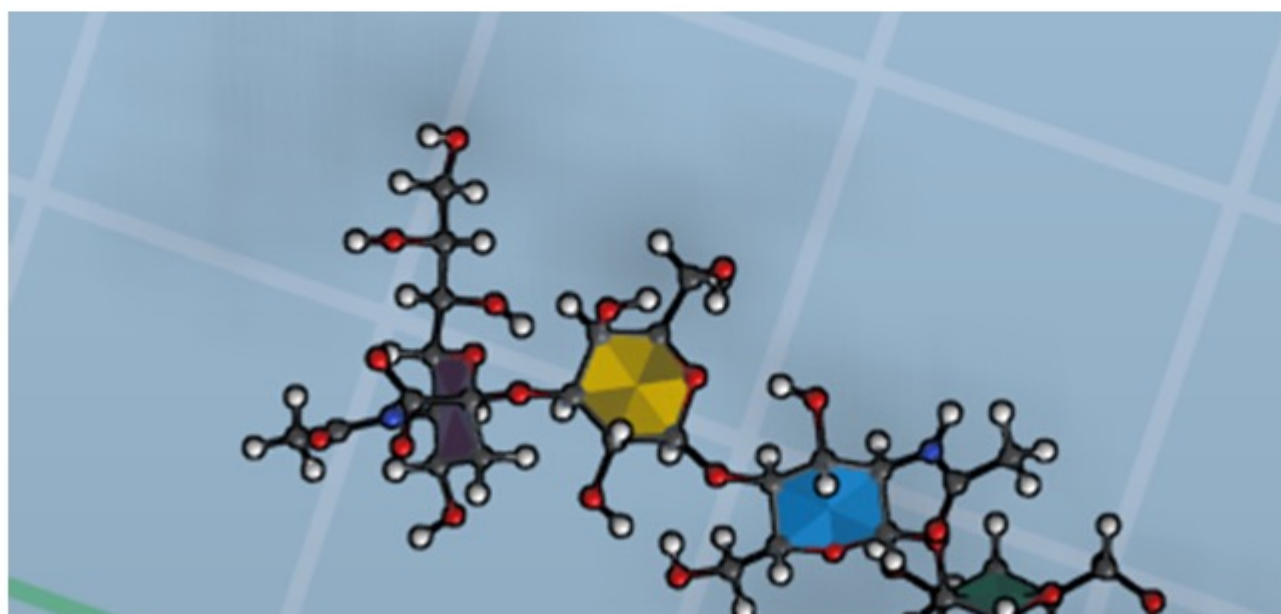
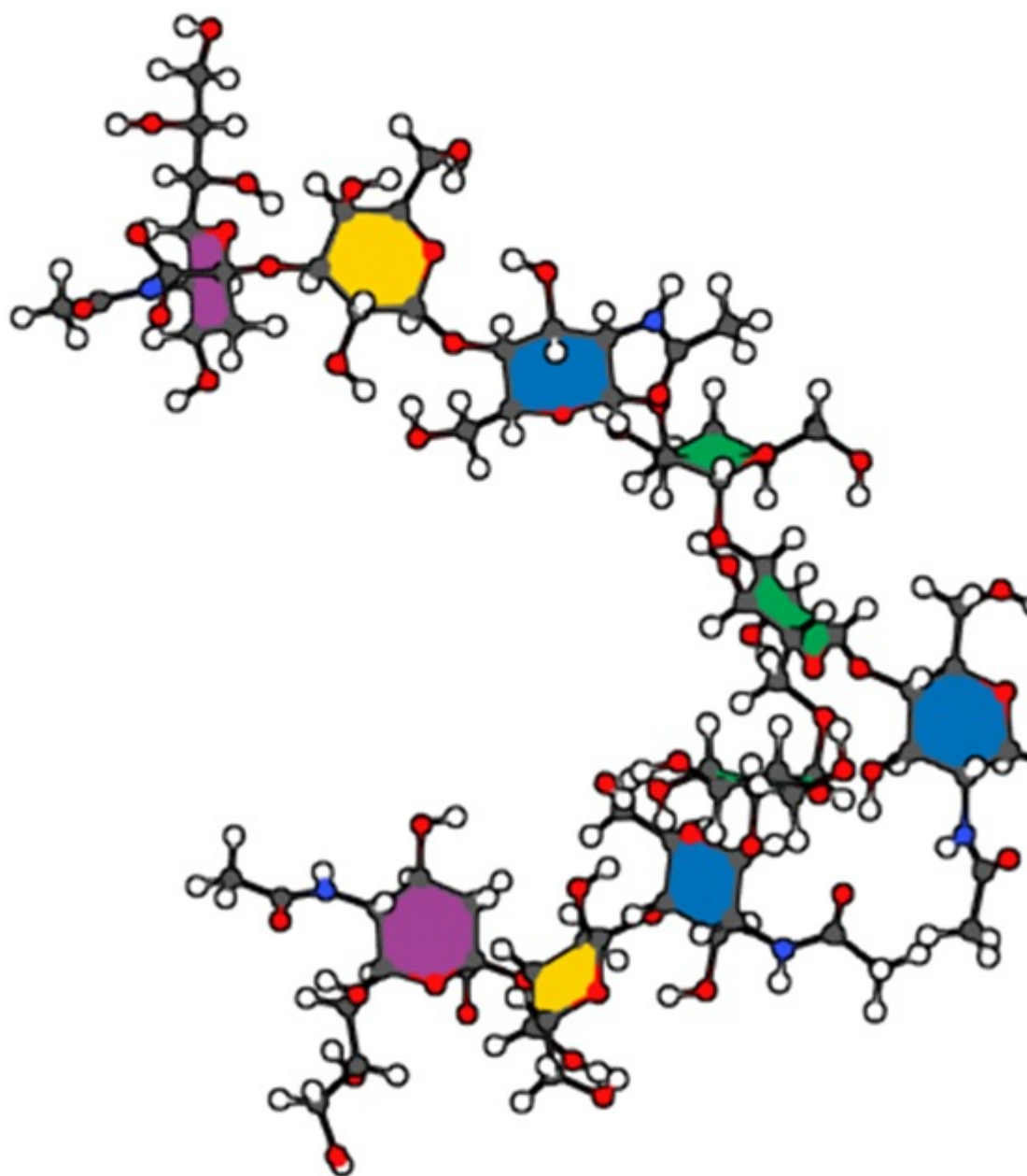
Glycan bond radius 0,200 A ▲ ▼

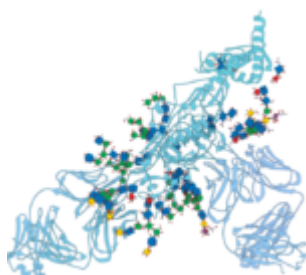
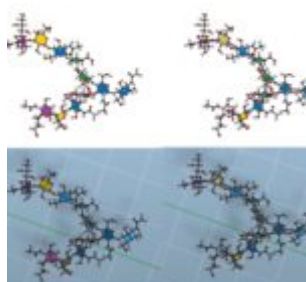
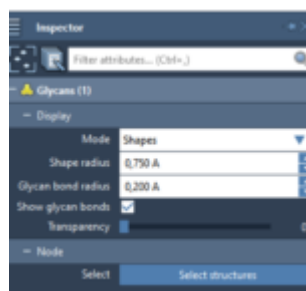
Show glycan bonds ☒

Transparency 0%

— Node

Select Select structures





Category

1. News