

## Tools

### Description

**CASPER** – a tool for calculating NMR chemical shifts of oligo- and polysaccharides

<http://www.casper.organ.su.se/casper/>

**Glycan Builder** – a software library and set of tools to allow for the rapid drawing of glycan structures with support for all of the most common symbolic notation formats

<http://www.unicarbkb.org/builder>

**GlycoDomainViewer** – an online resource to study site glycosylation with respect to protein context and conservation

<http://glycodomain.glycomics.ku.dk/>

**GlyMAP** – an online resource mapping out the variational landscape of glyco-active enzymes

<http://glymap.glycomics.ku.dk/>

**GlycoMod** – an online tool to predict oligosaccharide structures on proteins from experimentally determined masses

<http://web.expasy.org/glycomod/>

**GlycoMiner/GlycoPattern** – software tools designed to detect, characterize and perform relative quantitation of N-glycopeptides based on LC-MS runs

<http://www.szki.ttk.mta.hu/ms/glycominer/>

**Glycosciences.de** – a collection of databases and bioinformatics tools for glycobiology and glycomics

<http://glycosciences.de/index.php>

**MonosaccharideDB** – a comprehensive reference source for monosaccharide notation

<http://www.monosaccharidedb.org/start.action>

**NetOGlyc** – next generation prediction of O-glycosylation sites on proteins

<http://www.cbs.dtu.dk/services/NetOGlyc/>

**SweetUnityMol** – software to display 3-D structures of carbohydrates, polysaccharides and glycoconjugates

<http://sourceforge.net/projects/unitymol/files/>

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