

Resource Summary Report

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Glyco-CD

RRID:SCR_001574

Type: Tool

Proper Citation

Glyco-CD (RRID:SCR_001574)

Resource Information

URL: <http://www.glycosciences.de/glycocd/>

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Description: Manually curated, comprehensive repository of clusters of differentiation (CDs) which are a) defined as distinct oligosaccharide sequences as part of either glycoproteins and/or glycosphingolipids and b) defined as proteins which have carbohydrate recognition sites (CRDs) or as carbohydrate binding lectins. The data base is generated by exhaustive search of literature and other online data banks related to carbohydrates and proteins. This data bank is the beginning of an effort to provide concise, relevant information of carbohydrate-related CDs in a user- friendly manner. For users convenience the data bank under menu browse of GlycoCD is arranged in two section namely carbohydrate recognition CDs (CRD CD) and glycan CD. The carbohydrate recognition CD part is the collection of proteins which recognize glycan structures by means of the CRDs. Glycan CD is the part in which CDs are summarized which characterize specific oligosaccharide structures. The GlycoCD databank has been developed with the aim to assist the immunologist, cell biologist as well as the clinician who wants to keep up with the present knowledge in this field of glycobiology.

Abbreviations: GlycoCD,

Synonyms: GlycoCD database, Glyco-CD databank, Glyco-CD database

Resource Type: data or information resource, data set

Defining Citation: [PMID:22847935](#)

Keywords: carbohydrate, glycobiology, glycan, lectin, antigen, interaction, protein, cell surface molecule, microarray, carbohydrate recognition, cluster of differentiation,

oligosaccharide sequence, glycoprotein, glycosphingolipid, carbohydrate recognition site, leukocyte, antibody, endothelial cell, epithelial cell

Funding: European Union FP7/2007-2013 215536

Availability: Acknowledgement requested, Free, Open unspecified license

Resource Name: Glyco-CD

Resource ID: SCR_001574

Alternate IDs: nlx_152887

Old URLs: <http://www.glycosciences.de//Glyco-CD/>

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250407T215220+0000

Ratings and Alerts

No rating or validation information has been found for Glyco-CD.

No alerts have been found for Glyco-CD.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.