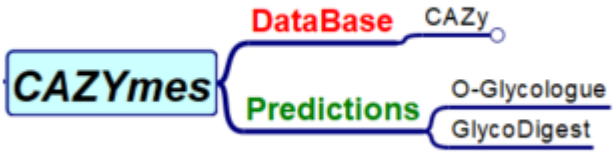


CAZYmes

Description



DATABASES

- **CAZy** http://www.cazy.org/ CAZy is a dedicated family classification system correlating structure and molecular mechanism of carbohydrate-active enzymes. It describes the families of structurally-related catalytic and carbohydrate-binding modules (or functional domains) of enzymes that degrade, modify, or create glycosidic bonds. The following classes of enzymes are covered : Glycoside Hydrolases (GHs) ; GlycosylTransferases (GTs) ; Polysaccharide Lyases (PLs) ; Carbohydrate Esterases (CEs) ; Auxiliary Activities (AAs) : Redox enzymes that act in conjunction with CAZymes & Carbohydrate-Binding Modules (CBMs)

PREDICTIONS

- **GlycoDigest** www.glycodigest.org/ GlycoDigest a tool that simulates exoglycosidase digestion, based on controlled rules acquired from expert knowledge and experimental evidence available in GlycoBase.
- **O-Glycologue** https://www.boxer.tcd.ie/glycologue/ O-Glycologue is a simulator of the enzymes of O-linked glycosylation,

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