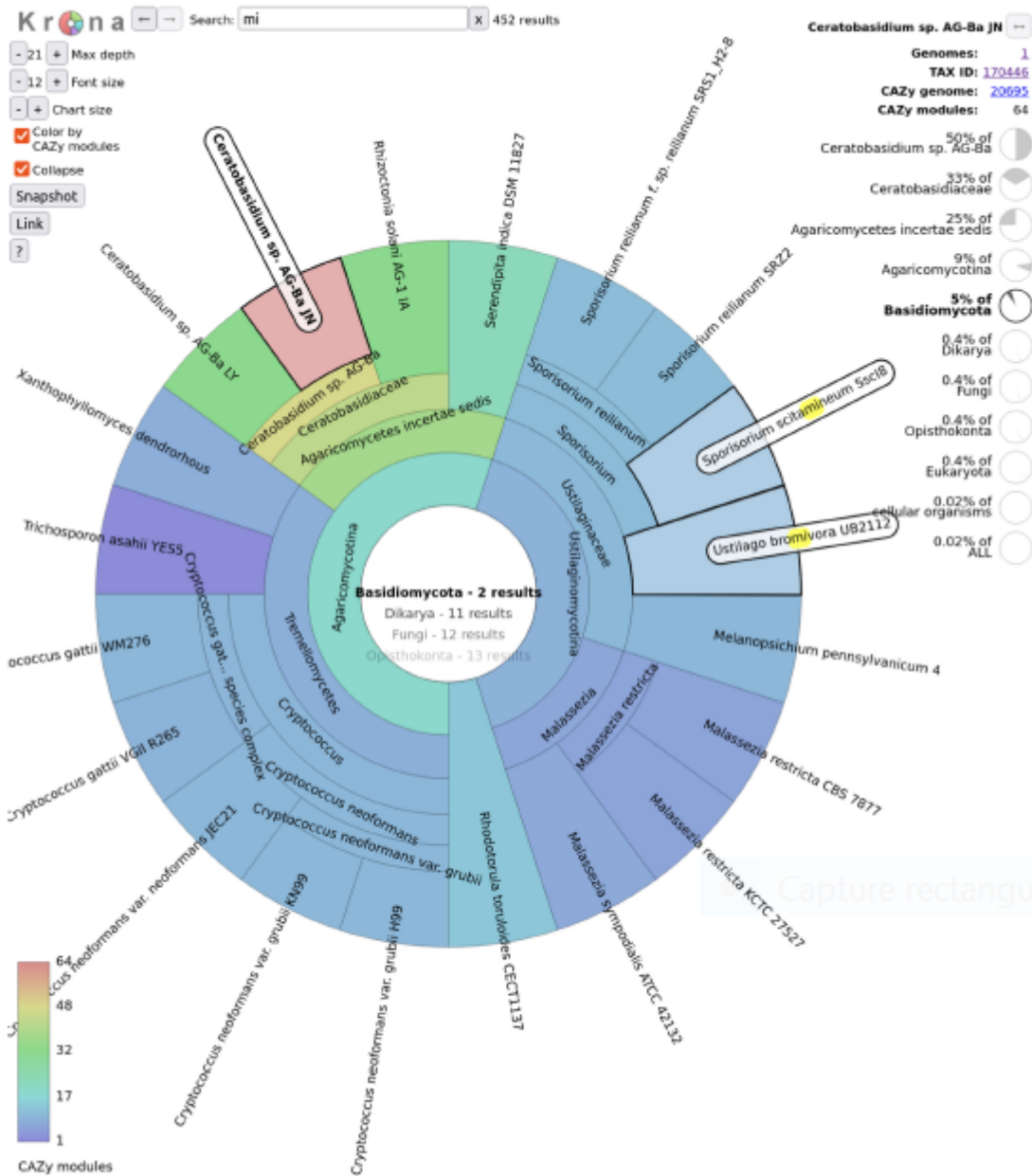


CAZy: 30 years of contributions to the classification of carbohydrate acting enzymes.

Description

Thirty years have elapsed since the emergence of the classification of carbohydrate-active enzymes in sequence-based families that became the CAZy database over 20 years ago, freely available for browsing and download at www.cazy.org.

In the era of large scale sequencing and high-throughput Biology, it is important to examine the position of this specialist database that is deeply rooted in human curation. The three primary tasks of the CAZy curators are (i) to maintain and update the family classification of this class of enzymes, (ii) to classify sequences newly released by GenBank and the Protein Data Bank and (iii) to capture and present functional information for each family. The CAZy website is updated once a month. Here we briefly summarize the increase in novel families and the annotations conducted during the last 8 years. The authors present several important changes that facilitate taxonomic navigation and allow to download of the entirety of the annotations. Most importantly they highlight the considerable amount of work that accompanies the analysis and report of biochemical data from the literature



Category

1. News