

Instructions

Enzyme data can be accessed by:

- a) Using the menu on the left to navigate by function or pathway
- b) Typing the HGNC gene name into the search box
- c) Clicking pathway maps shown in the boxes, and then selecting enzyme names in individual figures

For each enzyme, the following data are provided on this site:

- a) Figures from the Essentials of Glycobiology text. If an enzyme appears in multiple figures, you can scroll through them using the selection buttons located just below the displayed figure.
- b) General information: gene names, synonyms, and links to external databases
- c) Generative AI-generated descriptions using Dr. Glyco-GPT
- d) Symbol Nomenclature for Glycans (SNFG) figures depicting enzyme activity
- e) Links to reaction and disease information
- f) Single-cell transcript data
- g) Data related to efficient sgRNA (for CRISPR-related experimental studies)
- h) Putative transcription factor data

For more details, please refer to the full publication