

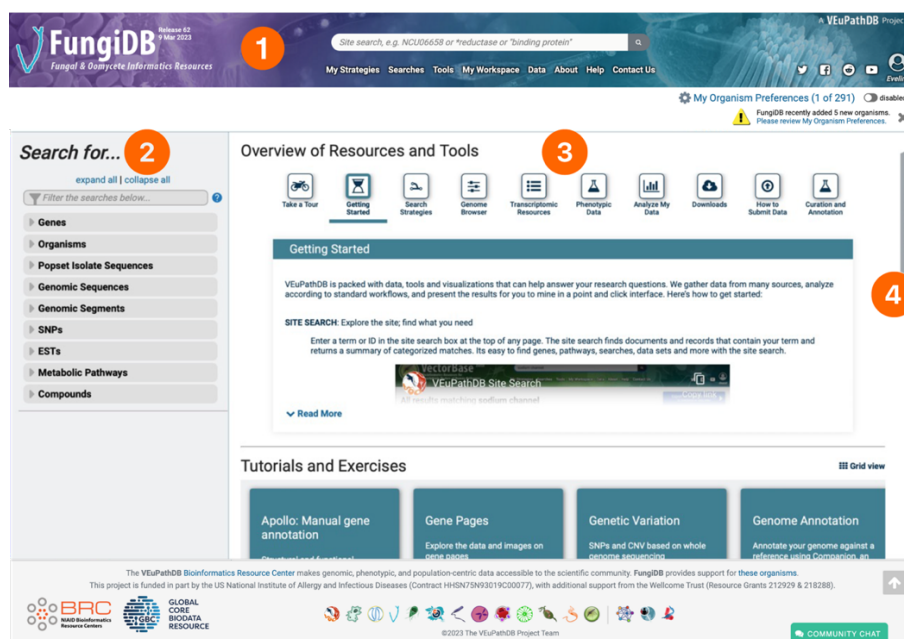
Anatomy of the FungiDB main page

FungiDB (<https://fungidb.org/>) is a free online informatics resource for exploration of fungal and oomycete omics scale data. It provides an easy-to-use, interactive interface to explore genomes, annotation, functional data (transcriptomics or proteomics), metabolic pathways and results from numerous genome-wide analyses (i.e. InterPro scan, signal peptide and transmembrane domain predictions, orthology, etc.). FungiDB also contains an expanding number of genomes from species spanning the Oomycetes and Fungi groups including but not limited to plant, animal, and human pathogens.

FungiDB is a component of the Eukaryotic Pathogen, Vector and Host Informatics Resource (VEuPathDB.org) that enables browsing, querying, and mining of genomic-scale datasets across diverse groups of organisms including hosts (HostDB.org), invertebrate vectors of human disease, pathogenic and non-pathogenic species, and environmental and epidemiological studies (ClinEpiDB.org).

- 1 The **Banner** contains a) release cycle information on the left, b) site search and main menu with access to nearly all searches, tools, and records in FungiDB (located centrally), and access to the personal account and social media (on the right).

My Organism Preferences is located under the banner and is a filtering that help restrict database searches to a list of organisms you are interested in. The feature can be easily disabled/enabled at any time from a button located under the header on every page.



- 2 The **Left panel** provides easy access to a list of categorised searches for genes and other types of data. It offers the same search options as the “Searches” within the main menu in the banner.
- 3 The central **Overview of Resources & Tools section** offers expandable cards to help you get started quickly, plus additional education resources containing in-depth tutorials and exercises.
- 4 The expandable News & Tweets section on the right contains information about new datasets, tools, features, and Twitter updates.

At the bottom of the main page, there are link outs to other VEuPathDB Sites (e.g., the HostDB database contains host-specific data from host-fungal pathogen studies) and the community chat app.