

Anatomy of the FungiDB main page

The Eukaryotic Pathogen, Vector and Host Informatics Resources

(<https://beta.VEuPathDB.org>) is comprised of a family of bioinformatics resources including an integrated functional genomics database for fungi and oomycetes - FungiDB.

FungiDB (<https://beta.FungiDB.org>) is a free online resource for data-mining and functional genomics analysis. 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 (ie. 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.

Site search: User a text term or a GeneID to search across all records in FungiDB

Menu bar: Searches, Tools, Private Workspace, Help, Get help via Contact Us, etc.

Social Media & FungiDB account login/registration

Brief overview of the resources & tools: Expandable cards with additional link outs

News (datasets released, new tools. etc) & Tweets

Left panel
A list of categorised searches for genes and other types of data

Search for...
expand all | collapse all
Filter the searches below...
Genes
Organisms
Popset Isolate Sequences
Genomic Sequences
Genomic Segments
SNPs
ESTs
Metabolic Pathways

Overview of Resources and Tools
Take a Tour
Getting Started
Search Strategies
Genome Browser
Transcriptomic Resources
Phenotypic Data
Analyze My Data

Getting Started
VEuPathDB is packed with data, tools and visualizations that can help answer your research questions. We gather data from many sources, analyze according to standard workflows, and present the results for you to mine in a point and click interface. Here's how to get started:
SITE SEARCH: Explore the site; find what you need
Enter a term or ID in the site search box at the top of any page. The site search finds documents and records that contain your term and returns a summary of categorized matches. Its easy to find genes, pathways, searches, data sets and more with the site search.

Link outs to other VEuPathDB Sites

Connect to community