Site Search

Learning objectives:

- Use keywords in site search.
- Explore site search results.
- Filter site search results by categories.
- Filter site search results by organisms.
- Filter site search results by category fields.
- Export results to a search strategy.
- Find a specific gene using its ID in site search.
- Use site search and other types of searches to create a multi-step query across different types of records
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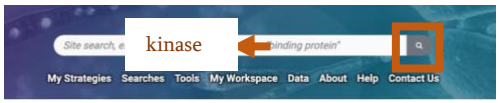
The site search can be located in the header of the site and is available from every page. The site search queries the database for a term (e.g., text) or a specific ID and returns a list of pages and documents that contain the query term.

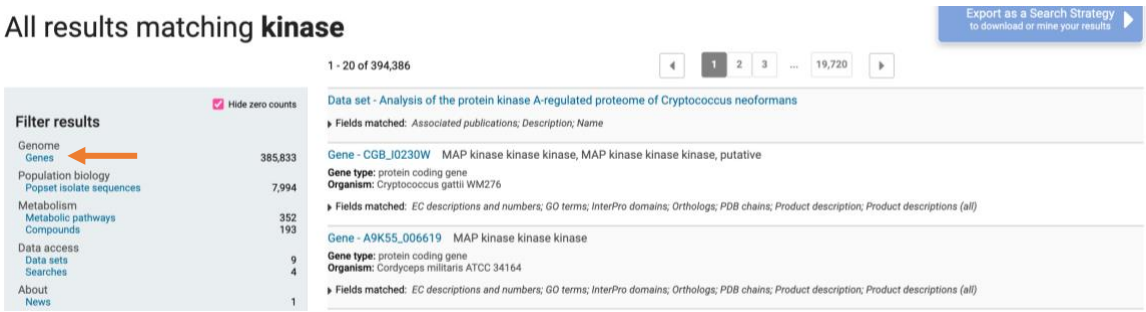
Site search: text, term or gene id.

- Enter the word **kinase** in the site search window (at the top centre of the page). Click on the "enter" key on your keyboard or on the search icon as shown in the screenshot below.



- How many results with the word kinase did you get? Are all these records genes?

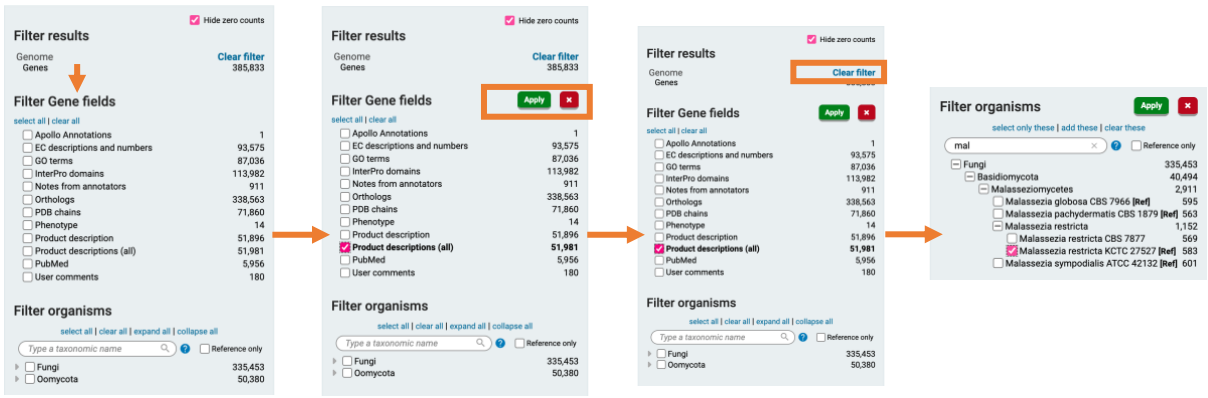
- Explore the filter panel on the left side of the page. Filter the results to view gene results only (hint: click on the word **Genes** in the "Filter results" section):



Notice that clicking on the "Genes" category reveals additional filtering options (on the left) and activates the "Export as a Search Strategy" button on the top right, which is now shown in dark blue colour. This is because the search strategy can be deployed on a single category only (e.g. Genes or Data sets, but not both).

- Select and apply the “Product descriptions (all)” filter.

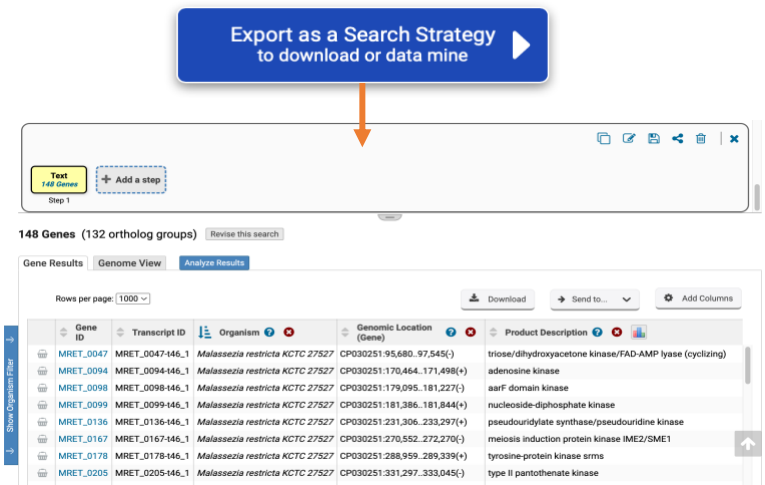
Note: The applied filter can be easily cleared by clicking on “Clear filter” option as shown in the screenshot below.



- In the “Filter organisms” section, select to filter gene results by ***Malassezia restricta* KCTC 27527**. How many genes contain “kinase” in the product description field in this organism?

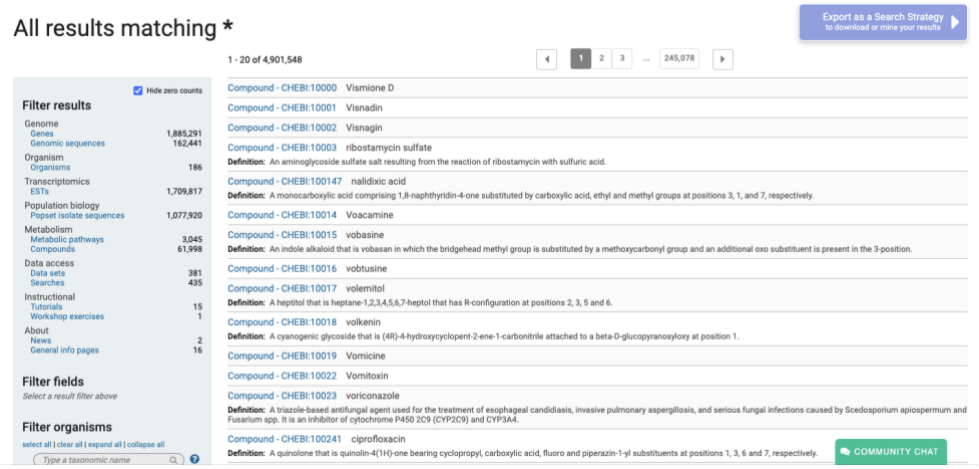
- Export the results to a search strategy.

To achieve this, click on the blue button called “Export as a search strategy…” at the top right-hand side of the results page.



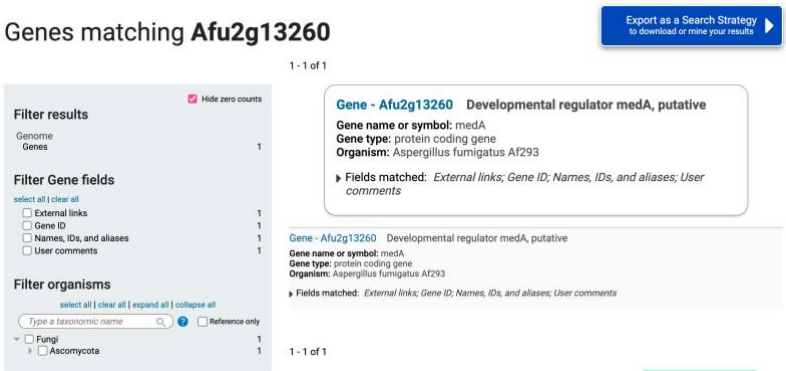
- Try running the same search but this time use a wild card (*) (e.g., kinase*).

When the wild card is combined with a word (**kinase*** or ***kinase**), the search will retrieve compound words ending or beginning with the word kinase (e.g. *kinase - phosphofructo**kinase**). The wild card (*) can be used alone to retrieve all records available to the site search (see screenshot below).



- The site search also works with gene ids. Run a site search for the following gene id: Afu2g13260

  The gene id search will return the gene record card for **Afu2g13260**.
  Clicking on the gene link in blue within the card will bring up the gene record page for this gene.
  Clicking on the "Export as a Search Strategy" button will create a search strategy with a single gene ID. This may be useful if you are interested in cross-referencing different types of data for one gene.



Search strategy links:
kinase - https://fungidb.org/fungidb/app/workspace/strategies/import/9c47e36cfa7790f6
kinase* - https://fungidb.org/fungidb/app/workspace/strategies/import/eee9e7d2dfb3e7c1
Afu2g13260 - https://fungidb.org/fungidb/app/workspace/strategies/import/6fc6b7e52a15b76b