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
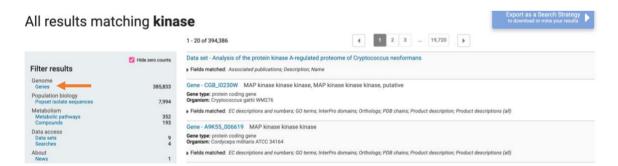
The site search can be accessed from the header of the site and is available from every page. The site search queries the database for a term (e.g., text) or a specific ID and returns a list of pages and documents that contain the query term.

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.
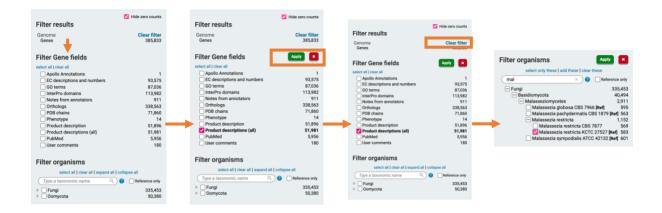

- How many results with the word kinase did you get? Are all these records genes?

- 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):
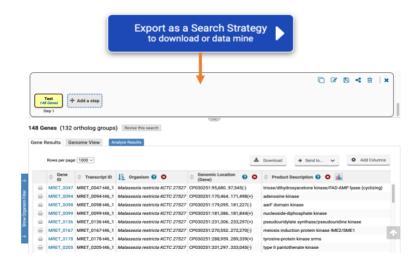

Notice that clicking on the "Genes" category reveals additional filtering options (on the left) and activates the "Export as a Search Strategy" button on the top right, which is now shown in dark blue color. This is because the search strategy can be deployed on a single category only (e.g. Genes or 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.
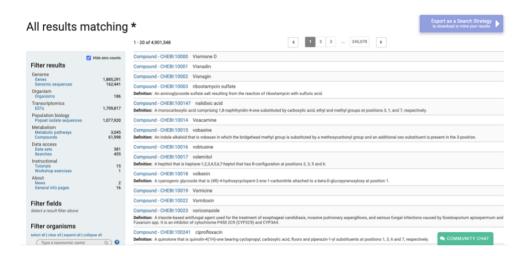

- In the "Filter organisms" section, select to filter gene results by *Malassezia restricta KCTC 27527*. How many genes contain "kinase" in the product description field in this organism?

- 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