

# QuickSearch Improvements

## QuickSearch

QuickSearch

Species:  Dmel only  All species [Find A Fly Person](#)

Search:  ID/Symbol/Name  All text [QuickSearch help](#)

Data Class: **genes**

Enter text:

Note: Wild cards (\*)

Commentary

Improvements to QuickSearch

QueryBuilder (QB) provides a field-by-field level search, revised the documentation to include more hints and tips, and most importantly added QueryTemplates to this powerful tool, which allows you to run pre-existing queries or modify them to suit your needs...(More).

- If you're unsure of the data class for your search term, use the "all" option.
- Returns a page of hits, divided by data class.

Your search for "dpp-P23" against all FlyBase data classes returned a total of 5 hits

Genes - 0

Alleles - 0

Stocks - 1 [HiList](#) [Refine](#)

Insertions - 1 [HiList](#) [Refine](#)

Description - 1 [HiList](#) [Refine](#)

Genotype - 1 [HiList](#) [Refine](#)

References - 0

Clones - 0

- Use the 'Gene associations' option to search for FlyBase data classes that are directly related to your gene of interest
- Use our Controlled Vocabulary search engine to search for phenotypes or GO-term annotated genes

QuickSearch

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Search:  ID/Symbol/Name  All text [QuickSearch help](#)

Data Class: **controlled vocabularies**

CV Hierarchy: **All**

Enter text:

Note: Wild cards (\*)

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# Recap: New Tools 2009

## Interactions Browser

Gene/Allele Symbol or FBid

Interaction Type

Enhancement + Suppression

Protein-Protein Interactions

Suppression

Enhancement + Suppression

Enhancement

At 0 degrees rotation [Show Interactions](#)

- Search by gene or allele
- View enhancers and/or suppressors
- Traverse pathways by selecting interacting genes/alleles to change view

## Coordinates Converter

D.melanogaster Sequence Coordinates Converter

Input Assembly:

Output Assembly:

Send results to:

Enter D.melanogaster Coordinates:

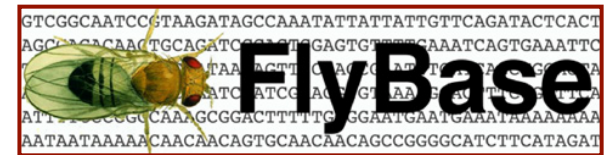
or Upload File of Coordinates:  no file selected

Examples: 3L:18396078..18396077 or X:2684032

- Convert coordinates from a prior release to a newer release
- Found in the tools menu

## FlyBase User Forums

- Anyone can view messages. To post, create an account (free!)
  - List/search jobs
  - Ask questions about flies or FlyBase
  - Ask the community to help find a reagent
  - Special section for power users
- 



A Database of *Drosophila* Genes and Genomes

# New and Notable 2010

QueryBuilder templates

Fast-track your Paper

New GBrowse Features

QuickSearch Improvements

Recap: New Tools for 2009

[www.flybase.org](http://www.flybase.org)

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# QueryBuilder Templates

There are three options on the QueryBuilder start page:

Use a query template OR Import a saved query OR Build a new query

- Using QB, you can search any field in any report in FlyBase (in a QuerySegment), and then combine the resulting hit-list with searches in other fields, to allow combinatorial searches (combining QuerySegments using Boolean operators).

- Templates can be used (and altered) to easily search the report pages

- A useful feature of QB is that a list of FlyBase identifiers or valid symbols can be imported from an external file to use as a query segment.
- A set of results can be exported to QB from other searches on FlyBase, through the 'Hit list refinement' button at the top right of a hit -list, and then modified to refine the search by adding additional query segments.

# Fast-track your Paper

Get YOUR paper into FlyBase faster!

Use our quick and easy publication submission tool to see your paper listed online sooner.

- Tell us which genes feature in your paper, and we'll link your paper to those genes for the next release cycle.
- Provide additional information during the submission process about your publication and help our Curators to speed up your curation.

- Just click the link in the sidebar on the FlyBase home page or in the tools menu to get started!

## Tools Overview

Describes the tools at FlyBase and when to use which one, along with some handy searching strategies. Found in our tools menu.

# New GBrowse Features

Chromosome Maps:

Direct link to view region in context of polytene chromosome map.

Ortholog Pop-ups:

Orthologs are listed for Drosophilids and other species in a pop-up window that is activated when you mouse over the "ortholog bar"

RNaseq data:

- Available soon
- Multiple transcript read data for *D. melanogaster*