



Working with large data sets The FlyBase Consortium





FlyBase IDs can change as the result of gene model splits and merges. While Batch Downbad can accept some secondary IDs if you check the box "Allow spronyms and multi-variant conversion of IDs or Symbobs" is better to stat with a list of current database IDs. The ID converter will allow you to validate an existing set of IDs against the current database IDs and also convert IDs of one data dass into another. For example, you will be able to translate a list of gene IDs (FBgn IDs) into the IDs of the profesin produced by the genes (FBgn IDs) into the IDs of the profesin produced by the genes (FBgn IDs).

C) Updating sequence coordinates



and annotation set. These are listed on the felexase holes page located under the Documents' menu. The assembly and annotations are denoted by the prefix and suffix, respectively, of a species' release descriptor. FlyBase release F82009, 02, for example, contains the fifteenth revised annotation set for . D. melanogaster genome assembly release 5 (Dmel R6.15). If you have a data set that relates to a previous D. melanogaster genome assembly, such as from one of the iodier microarry platforms, the Sequence Coordinates Converter enables you to update the data to the sequence coordinates of the latest genome assembly.



Hyperlinks in the HTML version of the conversion table enable you to view the current set of annotations for each base or sequence range in GBrowse.

D) Complete data sets for a FlyBase release



The "Precomputed files" page provides links to data files generated from the current release of Fyldase and to the FTP repository. Data from previous releases can be found on the "Archived data" page or in the FTP repository. The "Main Data Set" section of the page provides links to the Fyldase FTP respository, which can be accessed either by the version of a provides links to the Fyldase FTP respository, with can be accessed either by the version of a particular Prosophila species (The "Genomes FTP archive"). The "Chado database" ink enables you to obtain a dump of the Fyldase Fotgregod. Chado database information on the contents of the tab-separated, XML, OBO, OFF, and FASTA files generated by Flydase for specific data sets, can be found on the Files Overview put.



E) FlyBase data services

Public Chado Database

FlyBase maintains a public PostgreSQL Chado database on port 5432 for people programmatically inclined. To connect using a psql client enter the command: psql -h flybase.org -U flybase flybase

REST services

Chado XML can be fetched for an object in any data class either by using the FlyBase ID or the current symbol of the object.

By ID: http://flybase.org/chadoxml/id/FBgn0013765
By Symbol: http://flybase.org/chadoxml/symbol/cnn

For help understanding and working with the database or Chado XML please refer to the GMOD web site and the FlyBase Power Users Forum (http://flybase.org/forums/viewforum.php?f=14)