caBIO Home Page Freestyle Lexical Mine Tool

Page Contents

Documentation Table of Contents

ⓘ **To Print the Guide**

We recommend you print one wiki page of the guide at a time. To do this, click the printer icon at the top right of the page; then from the browser File menu, choose Print. Printing multiple pages at one time is more complex. For instructions, refer to How do I print multiple pages?.

ⓘ **Having Trouble Reading the Text?**

Resizing the text for any web page is easy. For information on how to do this in your web browser, refer to this W3C tutorial .

caBIO Home Page Freestyle Lexical Mine Overview

The caBIO Home Page Freestyle Lexical Mine tool is useful for those who have some knowledge of computer programming concepts to discover any data in caBIO associated with a gene, disease, or concept search term (figure below, green box). This Apache Lucene -based, case-insensitive, full text indexed keyword search feature auto-populates a drop-down list of caBIO terms that match the characters you have entered into the search field.

WELCOME TO CABIO v4.3.1

The cancer Bioinformatics Infrastructure Objects (caBIO) model and architecture is a synthesis of software, vocabulary, and metadata models for cancer research. Each of the caBIO domain objects represents an entity found in biomedical research such as Gene, Chromosome, Nucleic Acid Sequence, SNP, Library, Clone, and Pathway. Given the dynamic nature of this information, the data in caBIO is updated on a monthly basis through a series of ETL (Extract, Transform, and Load) processes.

References:

- caBIO Overview - High-level overview of caBIO
- caBIO GForge site - Contains news, information, documents, defects, feedback, and reports
- caBIO Download site - Contains download packages and release notes
- caBIO 4.3.1 Release Notes - Latest release notes for caBIO
- caBIO 4.3.1 Data Refresh Release Notes - Release notes describing the current data content of caBIO
- caBIO 4.3.1 javadocs - Java API documentation
- caBIO 4.3.1 Tech Guide - Technical Guide

caBIO API 4.3.1, Tag: CABIO_431_QA_20091209, Build Date: 2010-01-20 16:18:54

Search for Biological Entities

Continue

WHAT'S NEW

- Introduce Entrez Genes that are not in Unigene
- Enhancement on the display for the search results for FreestyleLM search

Text Search

Center for Biomedical Informatics and Information Technology

FREESTYLE LEXICAL MINE

Search   more options ...

Step-by-step Guides

Step-by-step instructions are available to use the Freestyle Lexical Mine tool to find

- genes associated with a disease,
- genes associated with a compound, or
- compounds and diseases associated with a gene.