

Anatomy of the *Candida* Genome Database (CGD) Homepage

The *Candida* Genome Database (CGD, <http://www.candidagenome.org>) is a freely available online resource that provides gene, protein and sequence information for multiple *Candida* species, along with web-based tools for accessing, analyzing and exploring these data. CGD contains information about genes and proteins; descriptions and classifications of their biological roles, molecular functions, and subcellular localizations; gene, protein, and chromosome sequence information; tools for analysis and comparison of sequences; and links to literature information.

The CGD homepage (<http://www.candidagenome.org>) is organized similarly to the SGD homepage. It can be broken down into three main sections:

1. Main toolbar

The screenshot shows the CGD homepage layout. At the top left is the CGD logo and 'Candida Genome Database' text. To the right are links for 'About', 'Site Map', 'How to Cite', 'Help', and social media icons. Below these is a search box with the text 'search our site' and a 'go' button. A yellow navigation bar contains the following categories: Home, Search, GBrowse, JBrowse, Sequence, GO, Tools, Literature, Download, and Community. The main content area is divided into several sections: 'New and Noteworthy' (highlighted by an orange arrow), 'About CGD', 'Meetings & Courses', 'CGD Curation News', and 'JBrowse Conservation Tracks'. The 'New and Noteworthy' section features a blue-tinted image of GFP-labeled Dam1 complex proteins and a text block about the *C. lusitanae* strain CBS 6936. The 'CGD Curation News' section lists recent genome snapshots for *C. albicans*, *C. glabrata*, *C. parapsilosis*, and *C. dubliniensis*, along with new papers added. The 'JBrowse Conservation Tracks' section describes evolutionary conservation tracks for *C. albicans*, *C. glabrata*, and *C. parapsilosis*.

2. Search box

3. News & Media

1. The **main toolbar** organizes CGD's key pages, tools, and resources into the categories shown above. Mousing over each category reveals a dropdown menu with options within each category. This toolbar is accessible from most CGD pages.
2. The **search box** is located above the main toolbar on the right side of the page. It enables searching for key types of data, including gene names, Gene Ontology (GO) terms, references, phenotypes, biochemical pathways, orthologs, and more. Hitting Enter/Return after typing in your query will take you to a disambiguation page, where you can select a category of data within various *Candida* species or other areas of CGD to narrow your search results. Typing into the search box without hitting Enter/Return populates a list of suggested hits.

3. The **news & media** section lists important updates for CGD users, such as curation projects, new data, and new tools. On the left side of the homepage, conferences and courses relevant to yeast researchers are listed.

In the upper right hand corner of the page, CGD also provides links to CGD's help documentation and helpdesk email (candida-curator@lists.stanford.edu), CGD citation information and publications, the CGD Facebook page, and a Site Map. The CGD Site Map issues a comprehensive listing of major CGD tools and resources, providing a helpful summary of the purpose of each page and tool.