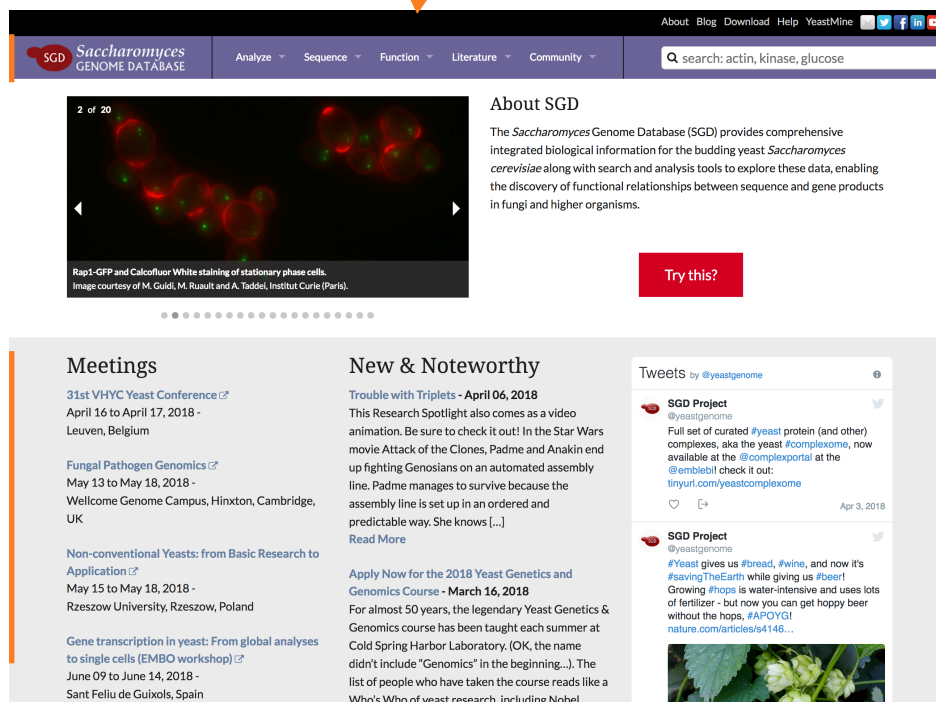


# Anatomy of the *Saccharomyces* Genome Database (SGD) Homepage

The *Saccharomyces* Genome Database (SGD, <https://www.yeastgenome.org>) is the primary genetics and genomics resource for the budding yeast *Saccharomyces cerevisiae*. SGD provides public access to the complete *S. cerevisiae* genome sequence along with high-quality, manually curated information about budding yeast genes and gene products. SGD extracts and integrates multiple forms of data, such as gene function, mutant phenotypes, genetics & physical interactions, regulation, expression, post-translational modifications, and much more. These data are easily accessible through an easy-to-use search tool and intuitive gene summary pages, and are also integrated into a variety of bioinformatics tools to facilitate analysis, discovery, and experimental design.

The SGD website is designed for ease-of-use. The homepage (<https://www.yeastgenome.org>) can be broken down into three main components:

## 1. Main toolbar



## 2. Search box

## 3. Outreach & Media

1. The **main toolbar** organizes SGD's key tools and resources into the five categories shown above. It is accessible from essentially all pages at SGD.
2. The **search box** is located on the right side of the main toolbar. It enables searching for key types of data, such as genes, phenotypes, Gene Ontology (GO) terms, references, and more. Hitting Enter/Return after typing in your query will take you to a results page of top hits, where you can filter your results. Typing into the search box without hitting Enter/Return populates a list of suggested hits.

3. The **outreach & media** section lists important meetings within the yeast community, posts on the SGD blog (<https://www.yeastgenome.org/blog>), and recent updates on the SGD Twitter page (<https://twitter.com/yeastgenome>).

Another notable feature of the SGD homepage is the collection of links located directly above the search box. These links provide quick access to SGD's vast help documentation and helpdesk email ([sgd-helpdesk@lists.stanford.edu](mailto:sgd-helpdesk@lists.stanford.edu)), as well as links to SGD's social media pages. The "Download" link takes you to a page where you can download SGD's curated data, the *S. cerevisiae* reference genome sequence, published datasets, and more. Lastly, the "YeastMine" link refers you to YeastMine, a powerful search & retrieval tool that can be used for even more sophisticated querying of *S. cerevisiae* data.