The Web Site

http://www.ebi.ac.uk/~jenclark/gowebCSSandtables/index.shtml

Changes:

Separate pages for separate sections.

Global and local navigation.

Cascading Style Sheets added.

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GO Software: GO Editors, GO Browsers, Other GO Tools, More general tools.

Gene Ontology Editors

DAG-Edit	This Java application provides an interface to browse, query and edit GO or any other vocabulary that has a DAG data structure. The most current version of DAG-Edit can be downloaded from the publicly accessible source repository at SourceForge. Help documentation to use the program can also be downloaded from this site (.pdf or .html formats) or is avaliable here: dagedit_userguide/dagedit.html

GO Browsers

AmiGO from BDGP	• With AmiGO, you can search for a GO term and view all gene products annotated to it, or search for a gene product and view all its associations. You can also browse the ontologies to view relationships between terms as well as the number of gene products annotated to a given term. AmiGO accesses the GO mySQL database (see below); the browser and documentation are available from http://www.godatabase.org/dev/
MGI GO Browser	• With the MGI GO Browser, you can search for a GO term and view all mouse genes annotated to the term or any subterms. You can also browse the ontologies to view relationships between terms, term definitions, as well as the number of mouse genes annotated to a given term and its subterms. The MGI GO browser directly accesses the GO in the MGI database where mouse gene annotations, are updated nightly. The version of the GO used is obtained nightly from the GO ftp site.
QuickGO at EBI	• With QuickGO, a GO browser integrated into InterPro at the EBI, you can search for a

GO Style Guide

How to use this guide

This GO™ style guide introduces new users to (and reminds old users of) both the philosophy and the practicalities behind developing and maintaining GO. Its main purpose is to serve as a user manual for GO curators. You will find it more useful if you first read An introduction to GO for more general background information about the GO project and how the ontology works. Information on annotating genes and gene products to GO can be found in the GO annotation guide and information on the structure and syntax of the GO files can be found in the GO format guide.

What is a GO term?

As explained in An introduction to GO, the purpose of GO is to define particular attributes of gene products. Practically speaking, a term is simply the text string used to describe an entry in GO, e.g. **cell**, **fibroblast growth factor receptor binding** or **signal transduction**. A node refers to a term and all its children. GO does **not** contain the following:

- Gene products: e.g. cytochrome c is not in the ontologies, but attributes of cytochrome c, such as **electron transporter**, are.
- Processes, functions or components that are unique to mutants or diseases: e.g. **oncogenesis** is not a valid GO term because causing cancer is not the normal function of any gene.
- Attributes of sequence such as intron/exon parameters: these are not attributes of gene products and will be described in a separate sequence ontology (see the GOBO web page for more information).
- Protein domains or structural features.
- Protein-protein interactions.

General conventions when adding terms

The following stylistic points should be applied to all aspects of the ontologies.

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GENE ONTOLOGY™ CONSORTIUM

What is Gene Ontology? *Search GO*

The goal of the Gene Ontology™ Consortium is to produce a dynamic controlled vocabulary that can be applied to all organisms even as knowledge of gene and protein roles in cells is accumulating and changing. A dynamic controlled vocabulary is a form of dictionary, containing terms and their definitions. However, it goes further, because it is also a network, showing how the terms relate to one another.

To submit specific suggestions for new GO terms to the Consortium, please use the 'Submit New' option on the web form at SourceForge .net.
Note: Help on the use of the SourceForge GO term submission page is available at GO.requests.html.

Please send any comments or questions by email to: go@geneontology.org. More details on how to contact GO and on how to follow the progress of the project are available from the GO Contacts page.

What's New?

- The Fungal Ontology is now online. *(posted May 09, 2003)*
- The new Faq-O-Matic has now been launched as a repository for the 'Frequently Asked Questions'. *(posted April 28, 2003)*
- The minutes from the January meeting of the GO Consortium, held on St Croix, US Virgin Islands, are now available from the CVS repository and from the ftp site, both as text and as pdf files. *(posted March 03, 2003)*
- All GO molecular function term names are to be appended with the word 'activity' on March 1 2003. For further information please contact the GO Editorial Office. *(Posted Feburary 5, 2003)*
- What's new archive.

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