WormBase Newsletter   February   2005

Improvement to KOG data display in WormBase
Previously, Eukaryotic Orthologous Groups (KOGs) had been imported into WormBase; now a user-friendly display for them has been implemented which allows the easy identification of ortholog species, protein names, and gene names.   See an example at:
http://wormbase.org/db/gene/homology_group?name=KOG0395;class=Homology_group

Gene descriptions in WormBase
Previously, WormBase curators began writing concise descriptions for each of the named genes in *C. elegans*. For each gene, we have attempted to report on several key pieces of information: 1) The molecular identity of a gene product including, where possible, identifiable domains and orthology, 2) The biological processes with which the gene product is involved, 3) A summary of known genetic and/or molecular interactions, and 4) A brief summary of the reported expression pattern.   As of WormBase release WS138, we have finished concise descriptions for approximately 70% of the 5,601 genes with CGC-approved gene names in WormBase. We hope to complete the remainder of the descriptions by the end of this year and then continually update descriptions as new information appears in the published literature.

Update on Textpresso: Full text access for searching Yeast Literature
A new interface for searching yeast literature, that is based on the *C. elegans* literature search engine, is now available on the Saccharomyces Genome Database server at Stanford: http://www.yeastgenome.org/textpresso/ . The system allows users to be able to search and view sentences from over 14,000 papers pertaining to yeast biology. Textpresso categories that are specifically tailored to yeast biology are also offered. Visit the Textpresso homepage for information about categories, news about the system and links to other searchable literature sets: http://www.textpresso.org

An update on the WormBook Project
WormBook is an online review of topics related to *C. elegans* biology written by experts in the field. We now have 66 chapters submitted and many more on the way. WormBook will be released online this June. In addition to reviews, WormBook will contain protocols (WormMethods), anatomy tutorials and more.

Please check your abstracts in WormBase
We have found that some abstracts in WormBase have problems like missing text or being truncated midway and continuing as text from a different abstract. If you notice malformed abstracts please let us know about them.