THE COMPLETE DNA SEQUENCE OF CHROMOSOME XI
of Saccharomyces cerevisiae (666 kb)

The complete DNA sequence of chromosome XI of the yeast S. cerevisiae has been determined in collaboration of Europeans scientists from 28 laboratories.

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We wish to incorporate any new information, corrections etc. in future updates of the yeast sequence data set (to be regularly distributed). In close cooperation with the DNA-coordinators, the information will be scrutinized and included in a comprehensive yeast sequence dataset. We will be grateful to receive valuable contributions. For chromosome XI, B. Dujon has accepted to act as curator in collaboration with MIPS.

A CD-ROM including published yeast sequences, data from chromosomes III and XI and a modified version of the PIR-International Protein Sequence Databank is in preparation.

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Disclaimer:

We have undertaken any effort for the corretness of the data. However, we cannot take any liability on the correctness of any data presented.

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Contents of directory /anonymous/yeast/chrxi

description.ps	this file (postscript printable format)
description.ascii	this file (ascii-flat file format)
orf_list.txt	list of open-reading frames found on chromosome XI (>100 residues), their coordinates, cross-reference data (EMBL Data-Library accession-numbers; PIR-International Protein Sequence Database entry-codes), gene-names, and a brief title codes follow the nomenclature: **Y'X''L||R'ddd'w||c'** **^ = yeast** **^ = chromosome # = 'K' (CHRXI)** **^ L = left arm; R = right arm** **^ contigous number of ORF on this arm** **^ c = complementary strand**
chrxi.embl	the complete chromosome XI sequence in EMBL format; most application programs will not be able to handle a sequence of this length
chrxi.gcg	complete chromosome XI sequence in GCG format; the sequence is not annotated; GCG software will not be able to handle a sequence of this length
chrxi.unf	complete chromosome XI sequence (raw data, unformatted)
nucdata01...16.dat	16 nucleic acid sequence data files to be deposited in the EMBL Data Library (EMBL-format). Each accession-number corresponds to one gene, defined as an open-reading frame longer than 100 amino acids including up- and downstream noncoding regions. Overlapping open reading frames are contained in a single entry
coordi_embl.dat	coordinates of the EMBL nucleic acid sequence database entries as in files *nucdata* on yeast chromosome XI
protseq_nbrf.dat	331 open reading frames to be deposited in the PIR-International Protein Sequence Database (NBRF-format), ordered according to the EU-yeast nomenclature (left-arm to right-arm of the chromo some); these entries have been annotated by G. Fobo and F. Pfeiffer at MIPS. These entries will be included in the PIR-International Protein Sequence database (available through MIPS and NBRF-PIR)
protseq_codata.dat	331 open reading frames annotated in CODATA Exchange Format (George et al., Prot. Seq. Dat. Anal (1987)).

Contents of directory /anonymous/yeast/chrxi/ascdb:

readme.ascdb	Description file for implementing the ASCDB yeast sequence database
ascdb.tar_z	Tar file containing the ascdb database

readme.ascdb contains the following information:

AscDB :
The Complete DNA Sequence of
Chromosomes III and XI of Saccharomyces cerevisiae

This directory contains the public release of ASCDB, the genomic database for Saccharomyces cerevisiae. The data currently included are for chromosome III and XI. The ASCDB database is produced by MIPS in collaboration with Eric Sonnheimer, Cambridge, UK . On problems, please contact liebl@ehpmic.mips.biochem.mpg.de .

The package also contains an executable for SUN machines. The ACEDB executables for other machine types are available from Richard Durbin (rd@mrc-lmb.cam.ac.uk) or Jean Thierry-Mieg (mieg@kaa.cnrs-mop.fr).

To get the file ascdb.tar.Z , please use
BINARY mode for FTP : binary get ascdb.tar_z ascdb.tar.Z

To install the database on your system, use the following commands:

uncompress ascdb.tar tar -xfv ascdb.tar

Before running the ascdb shell skipt, make sure that pwd is unaliased (> unalias pwd). To run the database program enter :

ascdb

Please cite :

(1) S. Oliver (1992), Nature 357, 38-46.
(2) B. Dujon (1994), Nature (submitted).

The data may be used for scientific purposes under the condition that the proper reference is given.

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