TABLES.CHR2_INTRONS.TXT

NOTE: set the width of the terminal to 152 characters/line to read properly !!!!

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The dataset was developed in collaboration of
H.W. Mewes
Martinsried Institute for Protein Sequences (MIPS)
Max-Planck-Institut fuer Biochemie, 85152 Martinsried, Germany
Telephone:+49 89 8578 2656 FAX +49 89 8578 2655
e-mail mewes@ehpmic.mips.biochem.mpg.de
e-mail mewes@mips.embnet.org
and
Horst Feldmann
Institut fuer Physiologische Chemie, Universitaet Muenchen,
Schillerstrasse 44, 80336 Muenchen, Germany
Telephone:+49 89 5996 451 FAX +49 89 5996 316
e-mail feldmann@dec1.bio.med.uni-muenchen.de



>>>>>> The data may be used for scientific purposes under the condition that the proper reference is given <<<<<<
We have made every effort to ensure liability of the data and cannot be responsible for the consequences to users of any errors resulting from its use.


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Table 6. Yeast chromosome II: ORFs containing introns

| # | Systematic ORF nomencl. | MIPS working nomencl. | Coordinates from | to | Intron from | to | ORF length | Gene | Function |
|---|---|---|---|---|---|---|---|---|---|
| 1 | YBL092w | YBL0838w | 40013 | 40402 | x | x | 130 | [RPL32.e] | Probable ribosomal protein L32.e |
| 2 | YBL087c | YBL0713c | 53859 | 54773 | 54227 | 54732 | 137i | RPL17A | Probable ribosomal protein L23.e or YL17a |
| 3 | YBL072c | YBL0613c | 82562 | 83161 | x | x | 200 | RPS8 | Ribosomal protein S8 |
| 4 | YBL059w | YBL0508w | 104597 | 105247 | 104882 | 104952 | 193i | | |
| 5 | YBL050w | YBL0517w | 119129 | 120120 | 119158 | 119275 | 292i | SEC17 | Transport vesicle fusion protein (SNAP protein) |
| 6 | YBL040c | YBL0408c | 136119 | 136872 | 136753 | 136851 | 219i | ERD2 | ER lumen protein retaining receptor |
| 7 | YBL027w | YBL0425w | 162427 | 163377 | 162428 | 162813 | 189i | RPL19 | Ribosomal protein L19.e |
| 8 | YBL026w | YBL0425aw | 164627 | 165039 | 164680 | 164809 | 95i | | Probable snRNP-related protein |
| 9 | YBL018c | YBL0301c | 180005 | 180478 | 180432 | 180356 | 133i§ | | |
| 10 | YBR048w | YBR0501w | 326832 | 327813 | 326876 | 327388 | 156i | RPS18B | Ribosomal protein S11.e.B |
| 11 | YBR078w | YBR0727w | 387123 | 388130 | 387180 | 387511 | 226i§ | | Homolog to sporulation specific protein SPS2 (S. cerevisiae) |
| 12 | YBR082c | YBR0745c | 400636 | 401128 | 401128 | 401032 | 148i | UBC4 | Ubiquitin conjugating enzyme E2, 16 kD subunit (EC 6.2.3.19) |
| 13 | YBR090c | YBR0811bc | 420382 | 421062 | 420878 | 420520 | 108i | | |
| 14 | YBR119w | YBR0915w | 473342 | 474324 | 473349 | 473439 | 298i | MUD1 | U1snRNP-specific A protein |
| 15 | YBR181c | YBR1244c | 585719 | 586778 | 586420 | 586773 | 236i | RPS102 | Ribosomal protein S6 |
| 16 | YBR189w | YBR1317w | 598512 | 599509 | 598518 | 598932 | 195i | SUP46 | Suppressor, ribosomal protein S13 |
| 17 | YBR191w | YBR1401w | 600274 | 601141 | 600284 | 600673 | 160i | URP1 | Ribosomal protein L21.3 |
| 18 | YBR219c | YBR1509c | 656507 | 657308 | 656586 | 657008 | 127i§ | | |
| 19 | YBR230c | YBR1527c | 673557 | 674055 | 673947 | 674045 | 134i§ | | |

NOTES: i, intron-containing ORF; §, two alternative ORFs, one spliced according to Fondrat and Kalogeropoulos (1993) and one non-spliced, overlap in this region (see Table 3); in this listing, preference has been given to the longer ORF or to the one with the higher CAI value. Preliminary gene names are in parentheses.