Yeast (S.cerevisiae) 18S ribosomal RNA gene

GenBank: J01353.1

FASTA Graphics

Go to:

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LOCUS       YSCRGEA              1798 bp    DNA     linear   PLN 29-SEP-1994
DEFINITION  Yeast (S.cerevisiae) 18S ribosomal RNA gene.
ACCESSION   J01353 M27607
VERSION     J01353.1
KEYWORDS    18S ribosomal RNA; ribosomal RNA.
SOURCE      Saccharomyces cerevisiae (brewer's yeast)
  ORGANISM  Saccharomyces cerevisiae
            Eukaryota; Fungi; Dikarya; Ascomycota; Saccharomycotina;
            Saccharomycetes; Saccharomycetales; Saccharomycetaceae;
            Saccharomyces.
REFERENCE   1  (bases 1 to 1798)
  AUTHORS   Mankin,A.S., Skryabin,K.G. and Rubtsov,P.M.
  TITLE     Identification of ten additional nucleotides in the primary
            structure of yeast 18S rRNA
  JOURNAL   Gene 44 (1), 143-145 (1986)
   PUBMED   3021584
REFERENCE   2  (bases 1 to 1798)
  AUTHORS   James,S.A., Collins,M.D. and Roberts,I.N.
  TITLE     Genetic interrelationship among species of the genus
            Zygosaccharomyces as revealed by small-subunit rRNA gene sequences
  JOURNAL   Yeast 10 (7), 871-881 (1994)
   PUBMED   7985415
REFERENCE   3  (bases 1 to 1798)
  AUTHORS   Rubtsov,P.M., Musakhanov,M.M., Zakharyev,V.M., Krayev,A.S.,
            Skryabin,K.G. and Bayev,A.A.
  TITLE     The structure of the yeast ribosomal RNA genes. I. The complete
            nucleotide sequence of the 18S ribosomal RNA gene from
            Saccharomyces cerevisiae
  JOURNAL   Nucleic Acids Res. 8 (23), 5779-5794 (1980)
   PUBMED   7008030
COMMENT     Original source text: Yeast (S.cerevisiae + D4) DNA, clones pY1rA3
            and prYC.
            [2]  revises [1].
FEATURES             Location/Qualifiers
     source          1..1798
                     /organism="Saccharomyces cerevisiae"
                     /mol_type="genomic DNA"
                     /db_xref="taxon:4932"
     rRNA            1..1798
                     /product="18S ribosomal RNA"
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ORIGIN 9 bp upstream of Sau3A site.

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     121 ttgatagttc ctttactaca tggtataacc gtggtaattc tagagctaat acatgcttaa
     181 aatctcgacc ctttggaaga gatgtattta ttagataaaa aatcaatgtc ttcggactct
     241 ttgatgattc ataataactt ttcgaatcgc atggccttgt gctggcgatg gttcattcaa
     301 atttctgccc tatcaacttt cgatggtagg atagtggcct accatggttt caacgggtaa
     361 cggggaataa gggttcgatt ccggagaggg agcctgagaa acggctacca catccaagga
     421 aggcagcagg cgcgcaaatt acccaatcct aattcaggga ggtagtgaca ataaataacg
     481 atacagggcc cattcgggtc ttgtaattgg aatgagtaca atgtaaatac cttaacgagg
     541 aacaattgga gggcaagtct ggtgccagca gccgcggtaa ttccagctcc aatagcgtat
     601 attaaagttg ttgcagttaa aaagctcgta gttgaacttt gggcccggtt ggccggtccg
     661 atttttttcgt gtactggatt tccaacgggg cctttccttc tggctaacct tgagtccttg
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     781 ttgctcgaat atattagcat ggaataatag aataggacgt ttggttctat tttgttggtt
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    1141 ttgacggaag ggcaccacta ggagtggagc ctgcggctaa tttgactcaa cacggggaaa
    1201 ctcaccaggt ccagacacaa taaggattga cagattgaga gctctttctt gattttgtgg
    1261 gtggtggtgc atggccgttt ctcagttggt ggagtgattt gtctgcttaa ttgcgataac
    1321 gaacgagacc ttaacctact aaatagtggt gctagcattt gctggttatc cacttcttag
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    1561 ctcttcaacg aggaattcct agtaagcgca agtcatcagc ttgcgttgat tacgtccctg
    1621 ccctttgtac acaccgcccg tcgctagtac cgattgaatg gcttagtgag gcctcaggat
    1681 ctgcttagag aaggggggcaa ctccatctca gagcggagaa tttggacaaa cttggtcatt
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