

LOCUS SCU49845 5028 bp DNA PLN 21-JUN-1999  
 DEFINITION Saccharomyces cerevisiae TCP1-beta gene, partial cds, and Axl2p (AXL2) and Rev7p (REV7) genes, complete cds.  
 ACCESSION U49845  
 VERSION U49845.1 GI:1293613  
 KEYWORDS .  
 SOURCE Saccharomyces cerevisiae (baker's yeast)  
 ORGANISM Saccharomyces cerevisiae  
 Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; Saccharomycetaceae; Saccharomyces.  
 REFERENCE 1 (bases 1 to 5028)  
 AUTHORS Torpey,L.E., Gibbs,P.E., Nelson,J. and Lawrence,C.W.  
 TITLE Cloning and sequence of REV7, a gene whose function is required for DNA damage-induced mutagenesis in Saccharomyces cerevisiae  
 JOURNAL Yeast 10 (11), 1503-1509 (1994)  
 MEDLINE 95176709  
 PUBMED 7871890  
 REFERENCE 2 (bases 1 to 5028)  
 AUTHORS Roemer,T., Madden,K., Chang,J. and Snyder,M.  
 TITLE Selection of axial growth sites in yeast requires Axl2p, a novel plasma membrane glycoprotein  
 JOURNAL Genes Dev. 10 (7), 777-793 (1996)  
 MEDLINE 96194260  
 PUBMED 8846915  
 REFERENCE 3 (bases 1 to 5028)  
 AUTHORS Roemer,T.  
 TITLE [Direct Submission](#)  
 JOURNAL Submitted (22-FEB-1996) Terry Roemer, Biology, Yale University, New Haven, CT, USA  
 FEATURES  
 source Location/Qualifiers  
 1..5028  
 /organism="Saccharomyces cerevisiae"  
 /db\_xref="taxon:4932"  
 /chromosome="IX"  
 /map="9"  
 CDS <1..206  
 /codon\_start=3  
 /product="TCP1-beta"  
 /protein\_id="AAA98665.1"  
 /db\_xref="GI:1293614"  
 /translation="SSIYNGISTSGLDLNNGTIADMRQLGIVESYKLKRAVVSSASEA  
 AEVLLRVDNIIIRARPRTANRQHM"  
 gene 687..3158  
 /gene="AXL2"  
 CDS 687..3158  
 /gene="AXL2"  
 /note="plasma membrane glycoprotein"  
 /codon\_start=1  
 /function="required for axial budding pattern of S.