

Sequence of the *Candida albicans* gene encoding actin

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Using the *S. cerevisiae* *ACT* gene (1,2) as a probe, we isolated the *ACT* gene of *C. albicans* from a genomic bank of strain ATCC 10231 (3). The sequence of a 3.206 kb *Cla*-*Sal* fragment contains the potential coding region for *C. albicans* actin, which appears to have 94.4, 88.5 and 86.1% homology to actins of *S. cerevisiae* (1,2), *A. nidulans* (4) and *S. pombe* (5), respectively. The position of the single intron is deduced from the consensus sequences at the 5' end (GTATGT), the branch point (TACTAAC), and the 3' end (TAG) of the intron (6,7)(underlines). This gene appears expressed, because (1) it is unique in the *C. albicans* genome, as revealed by Southern blotting experiments and (2) it encodes a single mRNA species of about 1.5 kb.

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