

Comments: Mutagen was nitrosoguanidine; killing was 77%. Cold-sensitive mutants were isolated following  $^3\text{H}$ -uridine thymine suicide; crib (P531562) was shown to be conditionally defective in ribosome biosynthesis in that at  $10^\circ\text{C}$  17S r-RNA and hence 37S ribosomal subunits do not accumulate to any great extent. At  $10^\circ\text{C}$  crib (P531562) grows 28 times slower than at  $25^\circ\text{C}$ , whereas the factor for the wild type is about 5.1. At  $25^\circ\text{C}$  the mutant's growth rate is 90% that of the wild type. <sup>According to complementation tests,</sup> The mutation involved appears to be closely linked to, but not allelic with the mutation in the crib-1 strain which exhibits similar phenotypes (Schlitt and Russell, 1974 J. Bact. 120: 666-671).

please do not write on this side

YOUR STOCK NUMBER FOR THIS CULTURE: \_\_\_\_\_

ORIGIN OF STOCK: \_\_\_\_\_

PUBLISHED REFERENCE: \_\_\_\_\_

(data regarding origin, linkage, biochemical characteristics, complementation group, etc.)

IF UNPUBLISHED, please indicate strain of origin, mutagen, work, distinguishing characteristics

LINKAGE GROUP (S) & ARM: \_\_\_\_\_ COMMENTS: (special growth conditions, observations, heterozygous compatibility, genetic background, complementation group, etc.) \_\_\_\_\_

(use additional space on back of page if necessary)

YOUR NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Please do not write below this line

checked for \_\_\_\_\_

checked for viability \_\_\_\_\_

checked for genotype \_\_\_\_\_

other storage methods \_\_\_\_\_

checked for viability \_\_\_\_\_

test for:	name	date	name	date

Comments: \_\_\_\_\_