

PLEASE PROVIDE COMPLETE INFORMATION

Reprints or other data relating to this deposit will aid the Stock Center and recipients of the strain.

Accession
number

SPECIES Neurospora crassa 6925

GENOTYPE csr-1

MATING TYPE A/a LINKAGE GROUP(S) I 33% MT, 19.5% his-2, 3% cyl-1

DESIGNATION OF MUTANT ALLELE(S) B12, B32, B60

STRAIN DESIGNATION IF WILD-TYPE _____

YOUR STOCK NUMBER FOR THIS CULTURE B12: B104-10a, B104-14A (sil B261/B262)
B32: B106-14a, B106-25A (sil B265/B266)
include stock no. from other collections B60: B109-5a, B109-6A (sil B267/B268)

ORIGIN OF STOCK B12, B32
UV induced in SL background, B60 spontaneous
for example - obtained from, genetic background, from cross with; or if
collected from nature, collection point, substrate and collector.

PUBLISHED REFERENCES M. Tropschug, I. B. Barthelmess, W. Neupert, 1989:

Sensitivity to Cyclosporin A is mediated by cyclophilin in Neurospora crassa
and Saccharomyces cerevisiae. Nature 342, 953-955
(for any information regarding this stock)

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,
genetic background, important characteristics _____

COMMENTS (special growth requirements, aberrations, heterokaryon
compatibility, special uses of strain, etc.)

resistant to 5µg Cyclosporin A / 1ml medium, recessive

(use additional space below or on back of page if necessary)

YOUR NAME I. B. BARTHELMESS DATE 11-9-1990

Additional Comments: (use back of sheet if necessary)

Chang, Wessblum & Metzzenberg (pers. commun.) identified also a
gene for cyclosporin A resistance, located on I left of cyl-1 (1%).
We did find 3% linkage of our mutations with cyl-1 and did not
investigate whether to the right or left. Presumably the same gene
is involved.