Fungal Genetics Stock Center
Dept. of Microbiology
Univ. of Kansas Medical Center
Kansas City, KS 66103

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession number 6923

SPECIES Neurospora crassa

GENOTYPE csr-1

MATING TYPE A / a LINKAGE GROUP(S) I 33% MT, 19.5% his-2, 3% cyh-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 (SL B261/B262)
B32: B106-14a B106-25A (SL B265/B266)
include stock no. from other collections B60: B109-5a, B109-6A (SL B267/B268)

ORIGIN OF STOCK B12, B32 UV induced in S.L. 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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics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, Weissblum & Metzenberg (pers. comm.) identified also a gene for cyclosporin A resistance, located on I left of cyh-1 (1%). We did find 3% linkage of our mutations with cyh-1 and did not investigate whether to the right or left. Presumably the same gene