

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

SPECIES Neurospora crassa 6922

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 (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)  
B12, B32

ORIGIN OF STOCK 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IF UNPUBLISHED, please indicate strain of origin, mutagen, worker,  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, Wessblum & Metzzenberg (pers. commun) 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