THE UNIVERSITY OF GEORGIA
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DEPARTMENT OF GENETICS

BIOLOGICAL SCIENCES BUILDING
404-542-1416

October 12, 1987

Mr. Craig Wilson
Fungal Genetics Stock Center
University of Kansas Medical Center

Kansas City, Kansas 66103

Dear Craig:

Enclosed are some of the strains you requested. We do not have all of them because of the obvious very close linkage.

325 M5 is a qa-1F mutant

I am sending the following strains, all inM6-1l[A] from an outcross of 325 M6 to 74a.

5542	326- M 140	UV induced	qa-1s- qa-1F+
5543	326_M105	UV induced	" temperature senstivie const. mutant at 25, const. at 35
5544	326-M158	UV induced	qa-1S+ qa=1F

Sequence analyses indicte that the LGVII chromosome is 74 a in origin in all of the above and in M6-1l the parental strain. Unpublished data.

5545 105-R12-1.5 is a UV induced revertant of 105. This isolate was obtained from a cross of the original revertant to Met-7 4894. This is a constitutive revertant. Genotype qa-1SC qa-1F+ also containg the original mutation qa-1S105. There is another codon change in the qa-1S region resulting in the constitutive phenotype.

5546 Al-1.4 is a constitutive induced in wild type 74-OR23-1A. This isolate is from a cross to met-7 4894. Linkage group VII chromosome is 74A. Genotype of isolate qa-1Sc qa-1F+. This strain has also been sequences and the location of the codon change noted.

I hope this provides you with enough information to fill out the paper work on these strains.

Have you any liquid media that you would recommend growing Sordaria on? I want to check the DNA.

Sincerely yours,

Mary E. Case

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