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DEPARTMENT OF GENETICS

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INSTITUTE OF ANIMAL GENETICS

KING'S BUILDINGS

WEST MAINS ROAD

EDINBURGH EH9 3JN

PROFESSOR J.R.S. FINCHAM F.R.S.

Craig Wilson
FGSC

Dear Mr. Wilson

1144

The supposed i mutant, FGSC # 1176, tests just like standard wild (grows on proline as well as wild type, sensitive to p-fluorophenylalanine)

I enclose four cultures just retested and confirmed

as i:

- | | | | |
|------|---------------------------|---|---|
| 3961 | 64-1 A <u>i</u> (3961) | } | both used quite a lot by me in the past
both give <u>am i</u> recombinants on cross to
<u>am</u> . The 64 and 1500 are ascus
numbers. Genetic background probably complex |
| 3962 | 1500-34 a <u>i</u> (3962) | | |
| 3963 | 2 <u>i</u> (3963) | } | recent reisolates after two generations of
inbreeding with 74A. Mating types not tested.
Not checked by crossing to <u>am</u> , but all other
criteria confirm that these are <u>i</u> . |
| 3964 | 10 <u>i</u> (3964) | | |

I use two tests:

- (ii) Growth of N-free Vogel's liquid minimal (sucrose) with 0.01 M L-proline - 15 ml liquid in 100 ml erlenmeyer. 2 1/2 days incubation. 0.05 ml drop of inoculum ca. 10⁶ conidia/ml.