Table 2 (Continued)

Pedigrees of Extensively Outcrossed Td Mutants

Td 6 Induced at Yale by ultra-violet irradiation in 74A.

Td 6A(mixed reversion) x 73a Td 6-2(4-8)a x 74A 74AF x Td 6-6a ,Td 6-1A x 74-ori-8a

Td 6-6a-18A and Td 6-6a-37a, Td 6-1A-8A and Td 6-1A-3a

. Td 7 Induced at Yale by ultra-violet irradiation in 74A.

OR-8-10 Td 7A x 74-ori-8a

Td 7-11A, Td 7-28a, Td 7-13A x 74-ori-8a

Td 7-13A-11A and Td 7-13A-16a

OR8-10-

Td 16 Induced at Yale by ultra-violet irradiation in 74A.

OR8-10_ Td 16A x 74-or1-8a

Td 16-22A and Td 16-11a

Td 24 Induced at Yale by ultra-violet irradiation in 74A.

Td 24A x ?

Td 24(4-4)a x 74A Td 24-11A, Td 24-12A, Td 24-2A x 74-ori-8a

Td 24-2A-28A and Td 24-2A-19a

. Td 71 Induced at Yale by x-irradiation in 74-ori-8a.

OR8-10

Td 7la x 74AF

Td 71-19A and Td 71-14a

Crosses above the dotted line were carried out before the present investigation.

Underlined isolates are generally used throughout the present investigation.

Table 2 *See Section on Materials and Methods, part C3.

From; Lacy, Ann M., A Genetic Analysis of the Td Locus in <u>Neurospora crassa</u>; PhD. Thesis, Vale University, 1959