

Newmeyer, D., C. S. Taylor and D. C. Bennett.

Gene sequences in linkage group 1.

The following sequences have been **determined** since publication of the map in Table 2 of **Newmeyer and Taylor** (1967 Genetics 56: 771). All sequences are **based** on 3-point crosses. An asterisk indicates that the order depends on less **than** three critical crossovers. The **data** will be published elsewhere.

1) cyt-1 (C115), cys-5 (35001)*, and leu-4 (D133)* are all between leu-3 (R156) and ser-3 (47903). (The relative order of cyt-1, cys-5, and leu-4 has not **been determined** directly, but cys-5 and leu-4 are **very close** to wr-3, while cyt-1 **appears to be considerably further** from wr-3.)

2) ser-3 is left of un (55701t).

3) sor (DS)* is between suc (66702) and arg-1 (8369). (sor (DS) is a sarbaw-resistant mutant derived from David Stadler's patch. Our limited evidence suggests that sor (DS) and patch may **not** be due to the same gene. sor (DS) has not been tested for allelism with Klingmüller's sor (15).)

4) me-10 is right of eth-1. (me-10 (PD1t) was isolated by Peter Dodd (Univ. of Washington); probably UV, 74A.)

5) un (46006t)* is left of hist-2 (Y152M14).

6) dot* (P789) is right of thi-1 (56501).

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