

GENOTYPE pyrimidine-4 ; uracil-1 uracil-2 Triple mutant
 pyr-4 uc-1 uc-2

ALLELE DESIGN. 36601 RW-57 RW-135

MATING TYPE "A"

ORIGIN OF STOCK - uc-1 was UV induced in pyr-4 (36601)
pyr-4, uc-1 double was backcrossed to WT 4A, & reisolated.
~~pyr-4, uc-1~~ The uc-2 mutation was UV induced in the
pyr-4 uc-1 double. Triple mutant stock was reisolated from
a cross of UV induced Triple x WT 25a.

LINKAGE GROUP pyr-4 //
 uracil-1 on Chromosome II
 uracil-2 on Chromosome I

COMMENTS - The Thymidine salvage pathway that converts Thymidine
to uracil normally must be induced. The uc-1 mutation of
regulatory nature negates this requirement.

The triple mutant will utilize any pyrimidine except Thymidine
~~on Westergaard Mitchell medium~~
deoxyuridine and deoxycytidine on Westergaard Mitchell medium.