

GENOTYPE pyrimidine-1, uridine-1 double mutant
(pyr-1 ud-1)

ALLELE DESIGNATION (H263 • RW-433)

MATING TYPE "a"

ORIGIN OF STOCK - UV induced in pyr-1 (H263 a). Double mutant reisolated from a cross to WT 4A.

REFERENCE J. Bacteriology 100: 383-389 1969

LINKAGE GROUP - UNKNOWN

COMMENTS Requires a free base pyrimidine supplement. Since Westergaard-Mitchell medium allows efficient utilization of pyrimidine free bases I grow it on W.C.M. medium supplemented with uracil.

Ud-1 mutant is an apparent transport mutant and can not use any pyrimidine nucleoside - i.e. Cytidine, uridine, deoxyuridine ~~or~~ Thymidine.
(144 hr)

8/8/72				
min	0, 0, 0	1-	1	
uracil	0, 0, 0	1	5	
uridine	0, 0, 0	1-	1	
5OHCH ₃ -uracil	0, 0, 0	1-	1	
2-deoxyuridine	0, 0, 0	1	5-	
2-deoxycytidine	0, 0, 0	1-	1	
cytosine	0, 0, 0	1	3+	
thymidine	0, 0, 0	1	1+	
thymine	0, 0, 0	1	5-	
cytidine	0, 0, 0	1-	1	
adenosine	0, 0, 0	1	1	