

Origin of stock (continued) - backcrossed to w.t. 4 A and reisolated. 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 w.t. 25 a.

8/8/77

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| min | 0, 0, 0 | 0 + 0 + 0 |
| uracil | 2, 4, 5- | 2 3+ 5-5-5- |
| uridine | 2, 4, 5- | 2 3+ 4+ 4+ 5- |
| 5-OHCH ₃ -uracil | 0+, 0+, 0+ | 0 + 0 + 0 |
| 2-deoxyuridine | 0+, 0+, 3+ | 1 1+ 3-3 3- |
| 2-deoxycytidine | 0+, 0, 0+ | 0 + + + |
| cytosine | 0+, 0, 0+ | 0 + 0 + + |
| thymidine | 0+, 0+, 1- | 0 + 0 + + |
| thymine | 0+, 2, 3+ | 0 + 1+ 3+ 4+ 5- |
| cytidine | 2, 3+, 4+ | 2+ 3+ 4+ 5 5 |
| adenosine | 0, 0, 0 | 0 + 0 + 0 |

The triple mutant will utilize any pyrimidine except thymidine, deoxythymidine and deoxycytidine on Westgard Minimal medium. The uc-1 mutation of regulating mutase requires this requirement. The thymidine pathway that converts thymidine to...