

March 21, 1950

Work to be cleaned up:

Resuscitate other spontaneous diploids of series 652 and 673. Scrutinize possible Mal v. Test the Mal- spontaneous diploids for hemizyosity. (Compare H-214 (diploid from W-67 x W-677) which is hemizygous for Mal ! )

Continue tests of Mal hemizyosity among partial segregants/ derivatives of H-226.

Test H-213 for 1) Partial segregations 2) hemizyosity of Lac, Gal.

Cross W-67 with W-945 do as to have Gal as well as Lac, Mal available for hemizyosity tests ( Cf. H-210).

Test segregants of H-226 for nutritional character. If possible, repress them to determine whether they will continue to throw off Mal v types.

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W-67 x W-~~1213~~ for structure of spontaneous heterozygotes from a biased stock  
See 582 !

Allow Lac<sup>v</sup> Mal- and Lac- Mal v partial segregants to segregate in mixed culture in hopes of detecting preferential refusion: i.e., a Lac v Mal v! (Better to use some criterion such as S<sup>r</sup>, selectively)

Nature of acid effects on induced segregation, and role in spontaneous segregation

UV differentials on W-1288 and 1289.

Effect of amino acids and absorbing compounds on UV/coli