

June 13, 1950.

Dr. Italo Peragallo,  
Dept. of Microbiology,  
Calle Rivadavia 3140,  
Sante Fe,  
Argentine Republic.

Dear Professor Peragallo:

In response to your letter, I am sending under separate cover those reprints which are still available. I regret that the supply of some of the earlier papers has been exhausted, but you may be able to obtain them in a forthcoming reprint volume, of which you will receive notice.

May I assume that your request for cultures is based upon a desire to repeat some of the experiments? On this basis, I am taking the liberty of sending you culture W-1177 in place of Y-53. W-1177 has been derived from Y-53 by obtaining a series of mutations which can be used for more detailed genetic experiments. For simple tests, these additional mutations can be ignored. The full genotype of W-1177 is:

T-	threonineless	S <sup>r</sup>	streptomycin resistant
L-	leucineless	VI <sup>r</sup>	phage-resistant [T-1]
B <sub>1</sub> -	thiaminless		
Lac-	lactose non-fermenter		
Mal-	maltose "		
Gal-	galactose slow-fermenter		
Xyl-	xylose non-fermenter		
Mtl-	mannitol "		
Ar-	arabinose slow-fermenter.		

58-161, as described, is biotin-methionineless, ferments the indicated sugars, and is sensitive to phage T-1 and to streptomycin. The fermentation mutants are best determined on eosin-methylene blue agar. These cultures are being sent under separate cover and should reach you promptly.

Sincerely,

Joshua Lederberg  
Assistant Professor of Genetics