

July 8, 1951.

Dr. Werner Maas,  
Tbc. Research Lab.,  
New York, N.Y.

Dear Werner:

If you can conveniently arrange your visit for the first part of August, about one month from now, we will be delighted to have you.

If the visit is to be professionally fruitful, I suggest we plan carefully the things we should go over. I imagine that you are going to be most interested in handling heterozygotes of  $pnt^+/t$ , but this should be planned carefully beforehand. The first datum needed is the linkage position of the  $Pnt$  locus- it would be specially useful to have it located in reference to such markers as  $Mal$ ,  $Lac_1$ ,  $V_1$  etc. If this has been done, it will then be possible to plan the details of the cross. If I may look that far ahead, I would recommend that we initiate the necessary cross prior to your arrival, so that the cross plates will be available for your examination and picking, together with the necessary media, as soon as you get here.

Did you or Bernie say something to the effect that the overall activity of the  $pnt-t$  mutant was so much lower than that of  $pnt^+$  that it might be difficult to detect both types of enzymatic behavior in heterozygous cells, even if the alleles acted autonomously. If this is so, do you still want to proceed with this problem?

May I suggest then that we proceed at once to review 1) the stocks of K-12 that carry  $pnt-t$ , and are otherwise suitable for crossing, and 2) the linkage data that you may have accumulated on the locus.

Of course, I may be way off on what you plan to do here, so please let me know about it.

Best regards,

Sincerely,

Joshua Lederberg