

June 5th 1953

Personal

Professor E. L. Tatum
c/o Symposium, L.I. Biol. Lab.
Cold Spring Harbor, L.I., N.Y.

Dear Ed:

This letter follows your phone call by just a few minutes. This was so unexpected that I may not have been as articulate as I might. I am touched that you, and other friends, should have thought to call, and am sorry to miss another occasion to see you. As I said, we probably want to spend rather a quiet summer (especially with moving to a house). We would have loved to visit California again (and conceivably still might). When we heard that Laura might leave a house vacant for a summer trip, we thought this might be a means of settling somewhere for a month— I guess Esther and I have had our fill of just driving around: we spent last summer driving through Ontario, Quebec, the Gaspé, Maritimes.....

From the tone (if not the fact) of your call, I wonder if hidden or ulterior motives are being read into our not coming. In fact, I seem to get this response generally. This is nonsense. I do remember what a mess the 1951 symposium turned out to be, and how tired we were after it, and I admit I am relieved in a way to be out of it. If we had not had such a phenomenally busy time of it this last Spring, and to look forward to the same for the rest of the summer, we probably would have gone.

I specially would not want you to think there is any reason to modify any of the technical conclusions of our work, as published in 1947, 1951 or 1952 (except insofar as the F-polarity sheds light on the determination of segmental elimination). Hayes was kind enough to send a draft of his ms.— it is a good presentation, and those details of his present views with which I do not agree can probably best be worked out between ourselves. Of course, I think that you or I will accept a vectorial picture of K-12 recombination when someone actually brings up some positive evidence of cell-free transmission, as against all of the negative data already accumulated (Atchley; Davis; Texas;...&T&L). [Cf. Genetics 32:521, 1947]. If Hayes (and Watson) add many more chromosomes to the number which can be jointly "transferred", they are soon going to end up with a whole nucleus.

The main points at issue seem to be 1) whether "elimination", as of Mal-S segments, is pre- or post-zygotic, and 2) whether the "F+ agent" is also the vector of genetic material. Until the F+ agent is separated from the cells, (2) cannot be decided; at least so long as one postulates a variable probability of association of the two elements, any circumstantial evidence of their separability

