February 23, 1952

Dr. Felix L. Haas Zoology Bopartment University of Texas Austin 12, Texas

Dear Dr. Haas:

Thank you for your detailed account of experiments on auxotrophy and phage resistance in E. coli 58-161. With respect to the spontaneous mutants, there seems to be an irreducible discrepancy in our immediate experimental findings, unless perhaps we are for some reason not recovering or recognizing the yeast-extract-requiring types. If you still have these, would you be kind enough to send a slant or two of a representative isolate so that we can check it through on our complete and minimal media?

If this doesn't clear it up, we will try a few more runs, and let you know if anything new happens. If you get back to the problem, I should be interested to learn if the results are reproducible.

Yours sincerely,

Joshua Lederberg
Associate Professor of Genetics