YALE UNIVERSITY
~~OSBORN BOTANICAL LABORATORY~~ Brady Lab
NEW HAVEN, CONNECTICUT

1/27/54

Dear Josh:

Could I promote a constitutive Lac. strain? We are pretty certain that K-12 differs from Monod's in that the basal level in K-12 appears to be a minimal amt of lactase/cell rather than simply the presence of constitutives — & furthermore adaptation appears homogenious in K-12 rather than heterogenious as Benzer found. However we need a constitutive Lac ~~m~~ & have been unable to pick one up. Thus if

you could send a transfer of yours we would appreciate it.

You might be interested
? to know that y-52 turns out to not be a lac mutant. The best dope we can get on it suggests its a permeability mutant - with the permeability affecting glucose as well as lactose. We do, however, have a complete lac strain - no enzyme under any circumstance.

I understand you are now a home & estate owner - congratulations

Best regards
as ever
Dave