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THE CLINICAL CENTER
DIVISION OF RESEARCH GRANTS

April 27, 1956

Dr. Joshua Lederberg
Department of Genetics
The University of Wisconsin
College of Agriculture
Madison 6, Wisconsin

Dear Joshua:

Thank you for your informative letter. Kiyoshi has already written you. He has done a fine piece of work on this problem and I will let him handle the problem alone. He expressed special interest in Gal_4 minus and Gal_5 minus since he has read from one of your articles that lysates of one of these strains render Gal_1 minus Gal positive. As you can see from his data, Gal 1 minus, as well as Gal^6 minus and Gal^7 minus, are all defective in step enzyme number 2. Do you have them identified by other markers? Will recombination, one way or the other, yield Gal-positives?

Tell me more about the cis-trans problem which I finally caught up with reading Pontocorvo's lectures held in London in 1949.

Hope to be able to see you at Johns Hopkins this June.

Sincerely,

Herman M. Kalckar

HMK:lh