

Milano, Feb. 18, 1955

Dear Joshua,

We are back since almost a month, and this is the first moment I have to write you with some peace. As I had anticipated, I had to spend some more time in New York for polyo vaccine, and I had to go to Pittsburgh for the purpose. We flew back on Jan 21st. The trip was extremely good. I have found here so much work that I am only now thinking again of K-12 and the splendid time we spent in the States. Alba and I are extremely grateful to yours~~elf~~, Esther, everybody else in your lab, and all the people we have met since we have left Madison, for the splendid hospitality which we have enjoyed ~~x~~ all over the States.

Work: I am starting with chloramphenicol, as agreed, ~~am~~ and when data will be available I shall write you again about it. I am studying the crosses which were made in my absence by Lia Fischer and am a little worried by some of her results. I shall repeat all the crucial ones. The main problem is the following: if we select for a marker (Proline, between Lac and T₁) from the F⁺ and look for segregation of ~~free~~ markers between Pro and the free chromosome end, what happens? Some of the crosses show free segregation as expected for an unbroken, but poorly pairing chromosome. Some other crosses seem to show a bias for the F⁻ markers even there. I am now repeating these ~~crosses~~ to make sure ~~farxxysalfx~~ about their outcome. Fischer will repeat them in Siena. Incidentally, I have sent you H- (324) F⁻; but on reconsideration of the data, I am not quite happy about ^{its} linkage with Gal. It may be spurious, and you will be in the best conditions to test it with lambda.

I have received copy of the contract from Freeman, ~~am~~ and have started collecting literature for the book. This seems at present the most urgent task, in view of the large amount of literature especially for chapters 6, 10. I have been unable to do anything about a voice recorder; we shall have to continue our correspondence with the traditional systems.

Enclosed you will find a rather delayed answer to your New Year's greetings. As you will see, filter paper replication is sufficiently accurate; the photograph is a very poor one, however, and negative streaks are invisible.

I am also enclosing a list of strains that I would like to receive from you. I am ~~x~~planning to start again on the pairing business, with the ancestry of W 1802. I should also be grateful if you could send by ordinary mail all banking accounts etc of mine which you wrote me you received some time ago.

I would be extremely happy if you could occasionally spare some time to let me know what goes on in your lab. All the best to you and Esther, and everybody in the lab,

Yours

Lucia
P.S. Enclosed is also a reprint of a joint paper which was never written (Microbiology (Lyon, Rome). Its abstract was reprinted, I was not asked how many

wg 35

Y 87 (if available)

W 518

W 1578

W 1800

W 1801

W 2252

W 2344

w 2401

a standard lambda sensitive other than 518

a Het strain-I have one, but it does not -or,
at least did not, seem to work very well

lambda, and lambda-2 .