

The Lister Institute,
Chelsea Bridge Road,
London, S.W.1.

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Dear Esther

Thank you for your letter of 19 Jan., it was nice of you to send me the information about the Gal loci so promptly. I have talked to Clowes about it, and given him a copy of sections 1 to 4 of your letter, and I hope this will do some good. It certainly sounds as though one should not use the W 1177 Gal character for linkage work, though before I heard of its complicated origin the data of Clowes and Rowley sounded as though they established close linkage to $N1^R$ unequivocally. However on the whole I think K.12 is too difficult for me.

I now follow your experiment on Lambda lwoffates from hetero-
Do you know the order of the Gal.
works in the same way as Salmonella
be able to do mapping in the same
way as I can for the H_1 -linked loci. For instance, assuming a
hypothetical order $Lp - Gal(1) - Gal(2)$, a lwoffate of a $Gal(1) - Gal(2) +$
strain should be unable to gal- $Gal(1) +, Gal(2) -$ recipient, or
at any rate should evoke no lysogenic gal + colonies, whereas the same
strain plus at $Gal(1)$ should work and so on. In Salmonella we have
turned up another H_1 -linked Fla, that of SW 544, (the slow-swarmer,
Glasgow 0), but are having trouble mapping it owing to very poor
yield of double transduces, from

As to N.C.T.C. 122 and have enquired, but it seems that
record of them is available, their transfer from here to the
original N.C.T.C. collection.

Andy took me & Clive up to you taped record: a great
success, very nice to hear you through you yourself
but say much: after A re-wound on the speaker which
Clive to the
we are not just twiddling but talking
Speed.

No more news at the moment I think. I see Lindgren has written another paper on "Conversion" of oral genes, from tetrad analysis I have not read it & I think it looks too complicated for me to be able to detect the fallacies which I imagine are to be found there too by those who are clever enough.

My reprints have just come in, & you & Martin will presumably be en route by sea. I will send to Tosh a bunch of a dozen or so requests sent to me from US & Canada for him to deal with, as arranged. I think that is all. My regards to all in lab, also Paul & if still with you. I am working away at Lwoff's review. I like the funny bits & as you might see a bit hard on his collaborators DNA analyses. Yrs Bruce