

June 30, 1952

Dear Tracy:

Your remarks about the possibility of mixed macronuclei from morphological evidence were very interesting.

Would it be feasible to make a genetic test for it? I would imagine the K/kappa dosage effects would be very useful here. One might expect some of the exautogamous progeny of a Kk heterozygote to show a kappa phenotype intermediate between kk and Kk if part of the macronucleus was regenerated from the previous Kk, and part came from the kk homozygote. Alternatively, one might find unstable clones if the Kk and kk subnuclei could segregate during vegetative propagation.

The review has just been sent off: I might start thinking again about GOM. Before I start writing, I would like very much to see one of your chapters to help set some sort of pace or level of exposition. But I suppose the organizational questions should be settled first.

Sincerely,

Joshua Lederberg