24th December, 1946.

My dear Rob,

I have not yet heard whether you will be with us at Caius on the 9th, but I am still hoping for the best.

I have received a copy of the letter from Boyd to you, and as I am not much tempted by metaphysics, I shall not very readily want to discuss pleiotropism, so long as things hang together in inheritance it is a matter of indifference whether they are conceived as closely linked adjacent genes, or as tripartate but single genes. As a Hebrew, Wiener finds, perhaps, trinity and unity less compatible than they really are, and would enjoy the acrimony of a monophysite controversy. The only part which interests me is, whether, on an adequate number of observations, recombinations are or are not found to occur.

I do not suppose it could be done yet, but taking matings of the type $R_1r \times rr$ in which every crossover is manifest as R' or R_0, only accepting crossovers from families with at least one rr child, or matings $R_1R_2 \times rr$, accepting R_0 as a crossover, or R_2r for that matter, provided R_1r or R_2r occur, or, thirdly, the mating $R_2r \times rr$, accepting R_0 or R'' as crossovers on the same tones, one has about 16% of all human marriages and a record of one thousand children fully typed, should give negative or positive evidence on the crossover question.

Did Diamond mention to you that he thought he had two crossovers in his records. This is what he told me, but he may have been over optimistic and, perhaps, wanting to catch Wiener out