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PADDINGTON, LONDON, W.2.

✓ EML
17th September, 1953.

Dr. J. Lederberg,
Department of Genetics,
University of Wisconsin,
Madison,
Wisconsin,
U.S.A.

Dear Dr. Lederberg,

I am writing this in the absence of Dr. Rowley who is at the moment at the Pasteur Institute and who I believe has been in communication with you regarding the availability of virulent coliforms for use in recombination study.

I have been associated with Dr. Rowley in the investigation of the genetic localisation of the marker for resistance to inhibition by norleucine in K12 and its auxotrophic mutants.

During the course of this work, a preliminary report of which was read at the Rome Congress, we had occasion to investigate the sugar fermentation characteristics of progeny from matings involving strain W677. These differed significantly from those published by you in collaboration with Dr. Cavalli-Sforza using strain W945 and certain sugar fermentation markers carried by these two strains are presumably non-allelic. Dr. Cavalli-Sforza has promised to let us have a culture of this latter strain in order to compare our results.

We noted a reference made by Wellmann (1953) Ann. Inst. Past. 84, 280 to an unpublished paper of yours in Genetics, quoting the allele for Gal^e fermentation in W677 to be Gal⁻.

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Dr. J. Lederberg,

17th September, 1953.

I would be grateful if you would let me have a copy of this communication if available, or if not if you would be so kind as to provide me with the details of the sugar fermentation markers carried by these two strains.

Yours sincerely,

Robb Lawes