Some Effects of Nalidixic Acid on Conjugation in *Escherichia coli* K-12

MICHAEL W. HANE

Department of Physics and Graduate Group on Molecular Biology, University of Pennsylvania, Philadelphia, Pennsylvania 19104, and Virus Laboratory, University of California, Berkeley, California 94720

Volume 105, no. 1, p. 54. Figures 8 and 9 are incorrect. The correct figures are as follows:

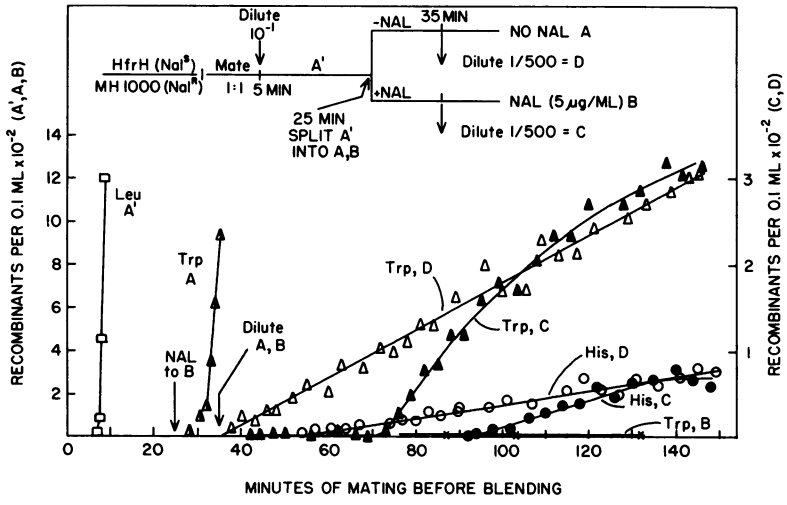

FIG. 8. *Effect of a 10-min NAL pulse on subsequent gene entry for HfrH(Nal^s) × MH1000 (Nal^r). The mating mixture is diluted 10-fold at 5 min into flask A' which is assayed for leu entry. At 25 min, A' is split into A (control) and B (supplemented with 5 μg of NAL per ml). At 35 min, A and B are diluted 500-fold: A into D and B into C. Portions of D and C are blended for trp and his entry.*

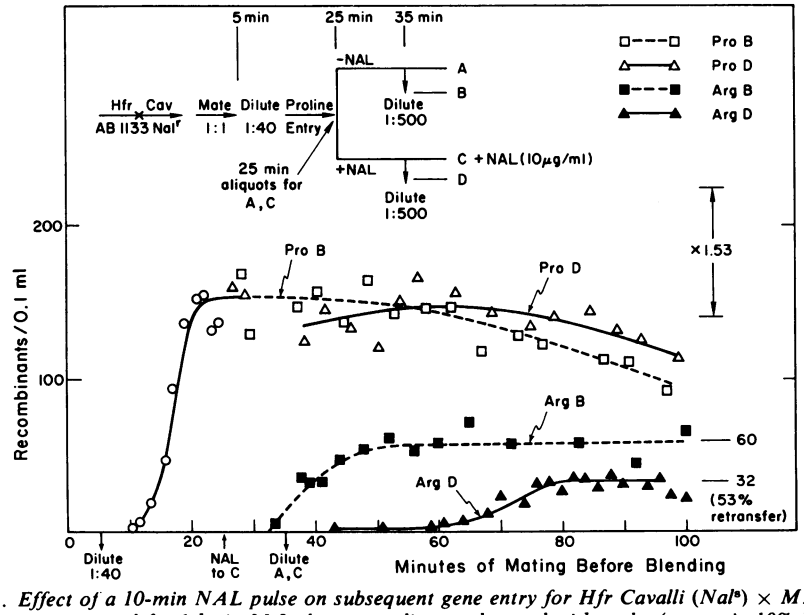

FIG. 9. *Effect of a 10-min NAL pulse on subsequent gene entry for Hfr Cavalli (Nal^s) × MH1001 (Nal^r). The females were prestarved for 1 hr in M-9 glucose medium and mated with males (grown in 10% broth in M-9 medium) in the ratio 1:1. At 5 min the mating mixture was diluted 1:40 to decrease pair formation, and portions were diluted 1:100 and blended for entry of the proline gene. At 25 min, the culture was split into A (control) and C (supplemented with 10 μg of NAL per ml). At 35 min, A and C were each diluted 1:500 into M-9 plus glucose medium. Portions of B and D were then blended and assayed for proline and arginine recombinants.*