ERRATUM

T. Seno and K. Sano, Kinetical study on the reconstitution of methionine-acceptor activity from fragments of *Escherichia coli* $tRNA^{fMet}$ with a deletion in the dihydrouridine-region or the amino acid-acceptor stem, FEBS Letters 16 (1971) 180–182.

p. 180, fig. 1, and legend should be as:

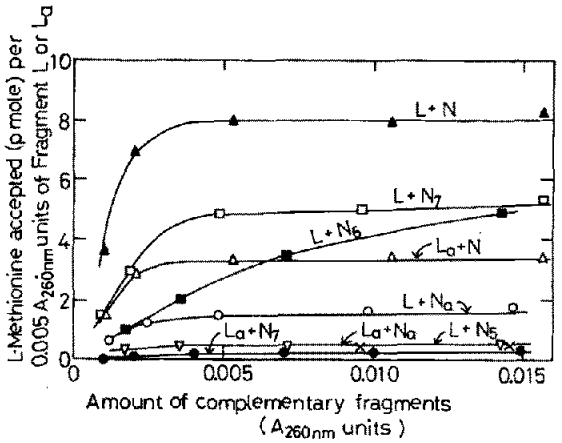

Fig. 1. Saturation of methionine-acceptor activity by varying the mixing ratio of complementary fragments from *E. coli* $tRNA^{fMet}$. A constant amount of Fragment L or Fragment La was mixed with increasing amounts of the complementary fragment specified in 50 μl of 0.01 M KCl, 0.01 M magnesium acetate and 0.05 M sodium cacodylate (pH 7.0) and preincubated at 50° for 15 min. Incorporation of ^{14}C-methionine (specific activity, 187 mCi/mmole, product of New England Nuclear Corp.) was assayed as reported previously [3], except that 0.25 μg of partially purified *E. coli* methionyl-tRNA synthetase (prepared by a combination of the two-phase method [7], DEAE-cellulose chromatography and hydroxylapatite fractionation [8]) was used instead of a crude mixture of the enzymes and the incubation was at 20° for 15 min.

p. 181, legend to fig. 3, should read as:

Fig. 3. Lineweaver-Burk plots for the acylations of Complexes L+Na, La+N and L+N. The complexes were prepared by mixing the complementary fragments in a ratio of 1:1 by ultraviolet absorbance so that the 5'-quarter molecule was in molar excess. The mixture was preincubated as described in the legend to fig. 1. The reaction mixture for assay of methionine-acceptor activity of the complexes contained the preincubated mixture of fragments specified, 430 pmoles of ^{14}C-methionine and 0.025 μg of partially purified *E. coli* methionyl-tRNA synthetase (see legend to fig. 1). Other components of the reaction mixture were as described in the legend to fig. 1. Incubation was carried out at 15° for 4 min. *V*: μmoles L-methionine incorporated per min per methionyl-tRNA synthetase fraction. [S]: Values were calculated assuming that 0.75 A_{260} units of the three-quarter molecule containing CCA (corresponding to 1 A_{260} unit of native $tRNA^{fMet}$, see fig. 2a) was equal to 1.66 nmoles of tRNA [9].