

CR140 – E.coli tRNA-Met CAT Anti-codon, elongator (77 nucleotides)

GGCUACGUAGCUCAGUUGGUUAGAGCACAUCAUAAUGAUGGGGUCACAGGUUCGAAUCCCG
UCGUAGCCACCA

References -

- 1) Sequence source: EcoCyc ID: EG30059 (metU; b0666; ECK0657); E. coli K-12 MG1655, map position 696,664 <- 696,740 (minus strand). <https://biocyc.org/gene?orgid=ECOLI&id=EG30059>
- 2) Varshney, U., Lee, C. P., & RajBhandary, U. L. (1993). From elongator tRNA to initiator tRNA. In *Proceedings of the National Academy of Sciences* (Vol. 90, Issue 6, pp. 2305-2309). <https://doi.org/10.1073/pnas.90.6.2305>
- 3) Guillon, J. M., Mechulam, Y., Blanquet, S., & Fayat, G. (1993). Importance of formylability and anticodon stem sequence to give a tRNA(Met) an initiator identity in *Escherichia coli*. In *Journal of Bacteriology* (Vol. 175, Issue 14, pp. 4507-4514). <https://doi.org/10.1128/jb.175.14.4507-4514.1993>