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http://bioweb.wku.edu/courses/BIOL115/Wyatt/Nucleic_Acids/mRNA2.htm

Mechanistic Enzymology

The study of the action (the mechanism) of an enzyme



The Chemistry: Isomerization of RNA



TruA's substrate: transfer RNA

TwC loop







Purifying radioactive tRNA and TruA







SDS-polyacrylamide gel showing pure TruA and TruA before purification



urea-polyacrylamide gel showing pure tRNA and tRNA with DNA contamination





Pseudouridine Synthases

