

Practice

DNA: ATC CAG TCT

mRNA: UAG Guc AGA

tRNA: ATC CAG UCU

Protein: Ile GIN Ser

Codon Chart

Codons Found in Messenger RNA

Second Base

		U	C	A	G	
First Base	U	Phe Phe Leu Leu	Ser Ser Ser Ser	Tyr Tyr Stop Stop	Cys Cys Stop Trp	U C A G
	C	Leu Leu Leu Leu	Pro Pro Pro Pro	His His Gln Gln	Arg Arg Arg Arg	U C A G
	A	Ile Ile Ile Met	Thr Thr Thr Thr	Asn Asn Lys Lys	Ser Ser Arg Arg	U C A G
	G	Val Val Val Val	Ala Ala Ala Ala	Asp Asp Glu Glu	Gly Gly Gly Gly	U C A G
						Third Base

Code the following
mRNA strand into
protein

UAG CCA ACG

stop pro Thr