

Codon Chart

		Second Base					
		U	C	A	G		
First Base	U	UUU } Phenylalanine UUC } (Phe/F)	UCU } UCC } Serine UCA } (Ser/S)	UAU } Tyrosine UAC } (Tyr/Y)	UGU } Cysteine UGC } (Cys/C)	U	Third Base
		UUA } Leucine UUG } (Leu/L)	UCG }	UAA - STOP UAG - STOP	UGA - STOP UGG - Tryptophan (Trp/W)	C	
						A	
						G	
	C	CUU } CUC } Leucine CUA } (Leu/L)	CCU } CCC } Proline CCA } (Pro/P)	CAU } Histidine CAC } (His/H)	CGU } CGC } Arginine CGA } (Arg/R)	U	
		CUG }	CCG }	CAA } Glutamine CAG } (Gln/Q)	CGG }	C	
						A	
						G	
	A	AUU } AUC } Isoleucine AUA } (Ile/I)	ACU } ACC } Threonine ACA } (Thr/T)	AAU } Asparagine AAC } (Asn/N)	AGU } Serine AGC } (Ser/S)	U	
		AUG - Methionine (Met/M)	ACG }	AAA } Lysine AAG } (Lys/K)	AGA } Arginine AGG } (Arg/R)	C	
						A	
						G	
	G	GUU } GUC } Valine GUA } (Val/V)	GCU } GCC } Alanine GCA } (Ala/A)	GAU } Aspartic acid GAC } (Asp/D)	GGU } GGC } Glycine GGA } (Gly/G)	U	
		GUG }	GCG }	GAA } Glutamic acid GAG } (Glu/E)	GGG }	C	
						A	
						G	