

mRNA Codon/Amino Acid Chart

First Base	Second Base				Third Base
	U	C	A	G	
U	UUU } Phenylalanine UUC } (Phe)	UCU } Serine (Ser) UCC }	UAU } Tyrosine (Tyr) UAC }	UGU } Cysteine (Cys) UGC }	U C
	UUA } Leucine (Leu) UUG }	UCA } UCG }	UAA } Stop UAG }	UGA } Stop UGG } Tryptophan (Trp)	A G
	CUU } CUC } Leucine (Leu) CUA } CUG }	CCU } CCC } Proline (Pro) CCA } CCG }	CAU } Histidine (His) CAC }	CGU } CGC } Arginine (Arg) CGA } CGG }	U C A G
	AAU } AUC } Isoleucine (Ile) AUA } AUG } Start Methionine (Met)	ACU } ACC } Threonine (Thr) ACA } ACG }	AAU } Asparagine AAC } (Asn) AAA } Lysine (Lys) AAG }	AGU } Serine (Ser) AGC } AGA } Arginine (Arg) AGG }	U C A G
G	GUU } GUC } Valine (Val) GUA } GUG }	GCU } GCC } Alanine (Ala) GCA } GCG }	GAU } Aspartic Acid GAC } (Asp) GAA } Glutamic Acid GAG } (Glu)	GGU } GGC } Glycine (Gly) GGA } GGG }	U C A G