

Codon Sheet Translator --- Only used with CODONS (mRNA)

		Second base				
		U	C	A	G	
First base (5' end)	U	UUU] Phe	UCU]	UAU] Tyr	UGU] Cys	U
		UUC]	UCC] Ser	UAC]	UGC]	C
		UUA] Leu	UCA]	UAA Stop	UGA Stop	A
		UUG]	UCG]	UAG Stop	UGG Trp	G
	C	CUU]	CCU]	CAU] His	CGU]	U
		CUC] Leu	CCC] Pro	CAC]	CGC] Arg	C
		CUA]	CCA]	CAA] Gln	CGA]	A
		CUG]	CCG]	CAG]	CGG]	G
	A	AUU]	ACU]	AAU] Asn	AGU] Ser	U
		AUC] Ile	ACC] Thr	AAC]	AGC]	C
		AUA]	ACA]	AAA] Lys	AGA] Arg	A
		AUG Met or start	ACG]	AAG]	AGG]	G
	G	GUU]	GCU]	GAU] Asp	GGU]	U
		GUC] Val	GCC] Ala	GAC]	GGC] Gly	C
		GUA]	GCA]	GAA] Glu	GGA]	A
		GUG]	GCG]	GAG]	GGG]	G

Phe = Phenylalanine

Tyr = Tyrosine

Pro = Proline

Arg = Arginine

Lys = Lysine

Val = Valine

Glu = Glutamic Acid

Leu = Leucine

Cys = Cysteine

His = Histidine

Ile = Isoleucine

Asn = Asparagine

Ala = Alanine

Gly = Glycine

Ser = Serine

Trp = Tryptophan

Gln = Glutamine

Thr = Threonine

Asp = Aspartic Acid

Met = Methionine (start)

