



# Nucleotide Sequences of RNA Codons Encoding for Amino Acids

Revised: mmiii

M Ledford-Kraemer

First Position (5' end)	Second Position				Third Position (3' end)
	U	C	A	G	
U	UUU Phe	UCU Ser UCC Ser UCA Ser UCG Ser	UAU Tyr	UGU Cys	U C A G
	UUC Phe		UAA Stop	UGC Cys	
	UUA Leu		UAG Stop	UGA Stop	
	UUG Leu			UGG Trp	
C	CUU Leu	CCU Pro CCC Pro CCA Pro CCG Pro	CAU His	CGU Arg CGC Arg CGA Arg CGG Arg	U C A G
	CUC Leu		CAA Gln		
	CUA Leu		CAG Gln		
	CUG Leu				
A	AUU Ile	ACU Thr ACC Thr ACA Thr ACG Thr	AAU Asn	AGU Ser AGC Ser	U C A G
	AUC Ile		AAC Asn		
	AUA Ile		AAA Lys	AGA Arg AGG Arg	
	AUG Met		AAG Lys		
G	GUU Val	GCU Ala GCC Ala GCA Ala GCG Ala	GAU Asp	GGU Gly GGC Gly GGA Gly GGG Gly	U C A G
	GUC Val		GAC Asp		
	GUA Val		GAA Glu GAG Glu		
	GUG Val				