

### Messenger RNA (mRNA) Codon Dictionary

TABLE 4-3  
Genetic code

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