Solution:

									G	T	G	G	G	T	G	A	A	A	A	T	G	A	A	A	C	T	A	T	T	T	G	T	T	C	C	T	G	A	
C	C	T	T	G	C	C	G	C	G	T	G	G	G	T																									
A	C	T	T	G	C	C	G	C	G	T	G	G	C	T																									
				G	C	C	G	C	G	T	G	G	G	T	G	A	A	A																					
					A	C	T	C	G	T	G	T	G	T	G	A	A	A	A																				
							G	C	G	T	G	G	G	T	G	A	A	A	A	T	G																	
										T	G	A	G	T	G	A	A	A	A	T	G	A	A	A														
												G	G	T	G	A	A	A	A	T	G	A	A	A	C	T												
												G	G	T	G	A	A	A	A	T	A	A	A	A	C	T												
													G	T	A	A	A	A	A	T	G	A	A	A	C	T	G											
													G	G	G	A	A	A	A	T	G	A	A	A	C	T	C											
																A	A	A	A	T	G	A	A	A	C	T	A	T	T	T								
																	A	A	A	T	G	A	A	A	C	T	A	T	T	T	G							
																					G	A	A	A	C	T	A	T	T	T	G	G	T	C	C				
																						A	A	A	C	T	C	T	T	T	G	T	T	C	C	T			
																									C	T	A	T	T	T	G	T	T	C	C	T	G	A	C
																									C	G	A	T	T	T	G	T	T	C	C	T	G	A	C

Amino acid sequence in each three reading frames:

Nucleotide sequence:

C	**C**	**T**	**T**	**G**	**C**																													**C**	**C**	**T**	**G**	**A**	**C**

Reads - cut out

A	C	T	T	G	C	C	G	C	G	T	G	G	C	T
A	A	A	C	T	C	T	T	T	G	T	T	C	C	T
C	C	T	T	G	C	C	G	C	G	T	G	G	G	T
C	G	A	T	T	T	G	T	T	C	C	T	G	A	C
G	C	C	G	C	G	T	G	G	G	T	G	A	A	A
G	G	T	G	A	A	A	A	T	A	A	A	A	C	T
G	G	G	A	A	A	A	T	G	A	A	A	C	T	C
G	C	G	T	G	G	G	T	G	A	A	A	A	T	G
C	T	A	T	T	T	G	T	T	C	C	T	G	A	C
A	A	A	T	G	A	A	A	C	T	A	T	T	T	G
C	T	A	T	T	T	G	T	T	C	C	T	G	A	C
G	A	A	A	C	T	A	T	T	T	G	G	T	C	C
C	C	T	T	G	C	C	G	C	G	T	G	G	G	T
A	A	A	A	T	G	A	A	A	C	T	A	T	T	T
A	C	T	C	G	T	G	T	G	T	G	A	A	A	A
G	T	A	A	A	A	A	T	G	A	A	A	C	T	G
G	G	T	G	A	A	A	A	T	G	A	A	A	C	T
T	G	A	G	T	G	A	A	A	A	T	G	A	A	A

Amino Acid translation table

First base in codon	Second base in codon: T	C	A	G	Third base in codon
T	TTT Phe F	TCT Ser S	TAT Tyr Y	TGT Cys Y	T
	TTC Phe F	TCC Ser S	TAC Tyr Y	TGC Cys Y	C
	TTA Leu L	TCA Ser S	TAA Stop *	TGA Stop *	A
	TTG Leu L	TCG Ser S	TAG Stop *	TGG Trp W	G
C	CTT Leu L	CCT Pro P	CAT His H	CGT Arg R	T
	CTC Leu L	CCC Pro P	CAC His H	CGC Arg R	C
	CTA Leu L	CCA Pro P	CAA Gln Q	CGA Arg R	A
	CTG Leu L	CCG Pro P	CAG Gln Q	CGG Arg R	G
A	ATT Ile I	ACT Thr T	AAT Asn N	AGT Ser S	T
	ATC Ile I	ACC Thr T	AAC Asn N	AGC Ser S	C
	ATA Ile I	ACA Thr T	AAA Lys K	AGA Arg R	A
	ATG Met M	ACG Thr T	AAG Lys K	AGG Arg R	G
G	GTT Val V	GCT Ala A	GAT Asp D	GGT Gly G	T
	GTC Val V	GCC Ala A	GAC Asp D	GGC Gly G	C
	GTA Val V	GCA Ala A	GAA Glu E	GGA Gly G	A
	GTG Val V	GCG Ala A	GAG Glu E	GGG Gly G	G

Standard genetic code. The table shows how triplets of nucleic acid bases correspond to different amino acids. Besides the codon ATG with always codes for methionine, alternatively TTG, CTG, ATT, ATC, ATA and GTG can serve as initiation codons, in which case they are translated as methionine rather than the amino acid indicated.