

Table of Standard Genetic Code

Here is the name of the plant that the DNA is from. Can you work it out using your copy of "TABLE OF STANDARD GENETIC CODE"?

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

TCT ACT CGT GCT TGG B GAA CGT CGT TAT

_____ B _____

Did you guess the answer correctly?