

Standard Code · DNA

Read codons 5' to 3'. NCBI translation table 1. CodonChart.com

TT —	TC —	TA —	TG —
TTT Phe F	TCT Ser S	TAT Tyr Y	TGT Cys C
TTC Phe F	TCC Ser S	TAC Tyr Y	TGC Cys C
TTA Leu L	TCA Ser S	TAA Stop *	TGA Stop *
TTG Leu L	TCG Ser S	TAG Stop *	TGG Trp W
CT —	CC —	CA —	CG —
CTT Leu L	CCT Pro P	CAT His H	CGT Arg R
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
AT —	AC —	AA —	AG —
ATT Ile I	ACT Thr T	AAT Asn N	AGT Ser S
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
GT —	GC —	GA —	GG —
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

† Context-dependent assignment. Initiator use depends on the organism and coding-sequence context.