

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



translation start codon



translation stop codon



hydrophobic amino acids



hydrophilic non-charged amino acids



- charged amino acids



+ charged amino acids



cysteine