

Character	Coded AminoAcid	Possible AminoAcid	BNF	Remarks
A	Alanine			
B		Aspartate or Asparagine	 ::= D N	
C	Cysteine			
D	Aspartate			
E	Glutamate			
F	Phenylalanine			
G	Glycine			
H	Histidine			
I	Isoleucine			
J		---		Not occurring
K	Lysine			
L	Leucine			
M	Methionine			
N	Asparagine			
O		---		Not occurring
P	Proline			
Q	Glutamine			
R	Arginine			
S	Serine			
T	Threonine			
U		Selenocysteine (Sec)		21. AA; >45 Proteins
V	Valine			
W	Tryptophan			
X		any	<X> ::= A C D E F G H I K L M N P Q R S T V W Y	
Y	Tyrosine			
Z		Glutamate or Glutamine	<Z> ::= E Q	