The Twenty Common Amino Acids

Nonpolar side chains
- Glycine (G) Gly
- Alanine (A) Ala
- Valine (V) Val
- Leucine (L) Leu
- Isoleucine (I) Ile
- Methionine (M) Met
- Phenylalanine (F) Phe
- Tryptophan (W) Trp
- Proline (P) Pro

Polar side chains
- Serine (S) Ser
- Threonine (T) Thr
- Cysteine (C) Cys
- Tyrosine (Y) Tyr
- Asparagine (N) Asn
- Glutamine (Q) Gln

Electrically charged side chains
- Aspartate (D) Asp
- Glutamate (E) Glu
- Lysine (K) Lys
- Arginine (R) Arg
- Histidine (H) His

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