| | | Conservative | | | | | | | | Radical | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ND | | CytB | | COX | | ATP | | ND | | CytB | | COX | | ATP | |
| | Amino acid property | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 7 | 8 | 7 | 8 | 7 | 8 | 7 | 8 |
| O | Power to be at the N-terminal | | | | | | | | | | | | | | | | |
| C | Refractive index | | | | | | | | | | | | | | | | |
| C | Long-range non-bonded energy | | | | | | | | | | | | | | | | |
| S | Coil tendencies | | | | | | | | | | | | | | | | |
| S | Compressibility | | | | | | | | | | | | | | | | |
| S | Turn tendencies | | | | | | | | | | | | | | | | |
| O | Power to be at the C-terminal | | | | | | | | | | | | | | | | |
| S | Molecular volume | | | | | | | | | | | | | | | | |
| S | Average number of surrounding residues | | | | | | | | | | | | | | | | |
| S | Mean r.m.s. fluctuation displacement | | | | | | | | | | | | | | | | |
| C | Thermodynamic transfer hydrohphobicity | | | | | | | | | | | | | | | | |
| O | Composition | | | | | | | | | | | | | | | | |
| C | Surrounding hydrophobicity | | | | | | | | | | | | | | | | |
| C | Isoelectric point | | | | | | | | | | | | | | | | |
| C | Total non-bonded energy | | | | | | | | | | | | | | | | |
| C | Buriedness | | | | | | | | | | | | | | | | |
| C | Normalized consensus hydrophobicity | | | | | | | | | | | | | | | | |
| C | Chromatographic index | | | | | | | | | | | | | | | | |
| C | Solvent accessible reduction ratio | | | | | | | | | | | | | | | | |
| O | Molecular weight | | | | | | | | | | | | | | | | |
| S | Power to be at the middle of alpha-helix | | | | | | | | | | | | | | | | |
| C | Polar requirement | | | | | | | | | | | | | | | | |
| S | Alpha-helical tendencies | | | | | | | | | | | | | | | | |
| C | Equilibrium constant (ionization of COOH) | | | | | | | | | | | | | | | | |
| C | Short and medium range non-bonded energy | | | | | | | | | | | | | | | | |
| S | Bulkiness | | | | | | | | | | | | | | | | |
| C | Hydropathy | | | | | | | | | | | | | | | | |
| S | Helical contact area | | | | | | | | | | | | | | | | |
| C | Polarity | | | | | | | | | | | | | | | | |
| S | Beta-structure tendencies | | | | | | | | | | | | | | | | |
| S | Partial specific volume | | | | | | | | | | | | | | | | |