

A 3D visualization of a protein structure, likely a small globular protein. The structure is composed of a central alpha-helix (highlighted with a thick black line) and several beta-strands. The residues are colored based on their chemical properties: red for positively charged (K, R), blue for negatively charged (D, E), green for polar (N, T, S, Q), yellow for hydrophobic (F, W, Y, L, V, I, M, A, G), and purple for other residues. The central helix is surrounded by beta-strands that form a compact fold.