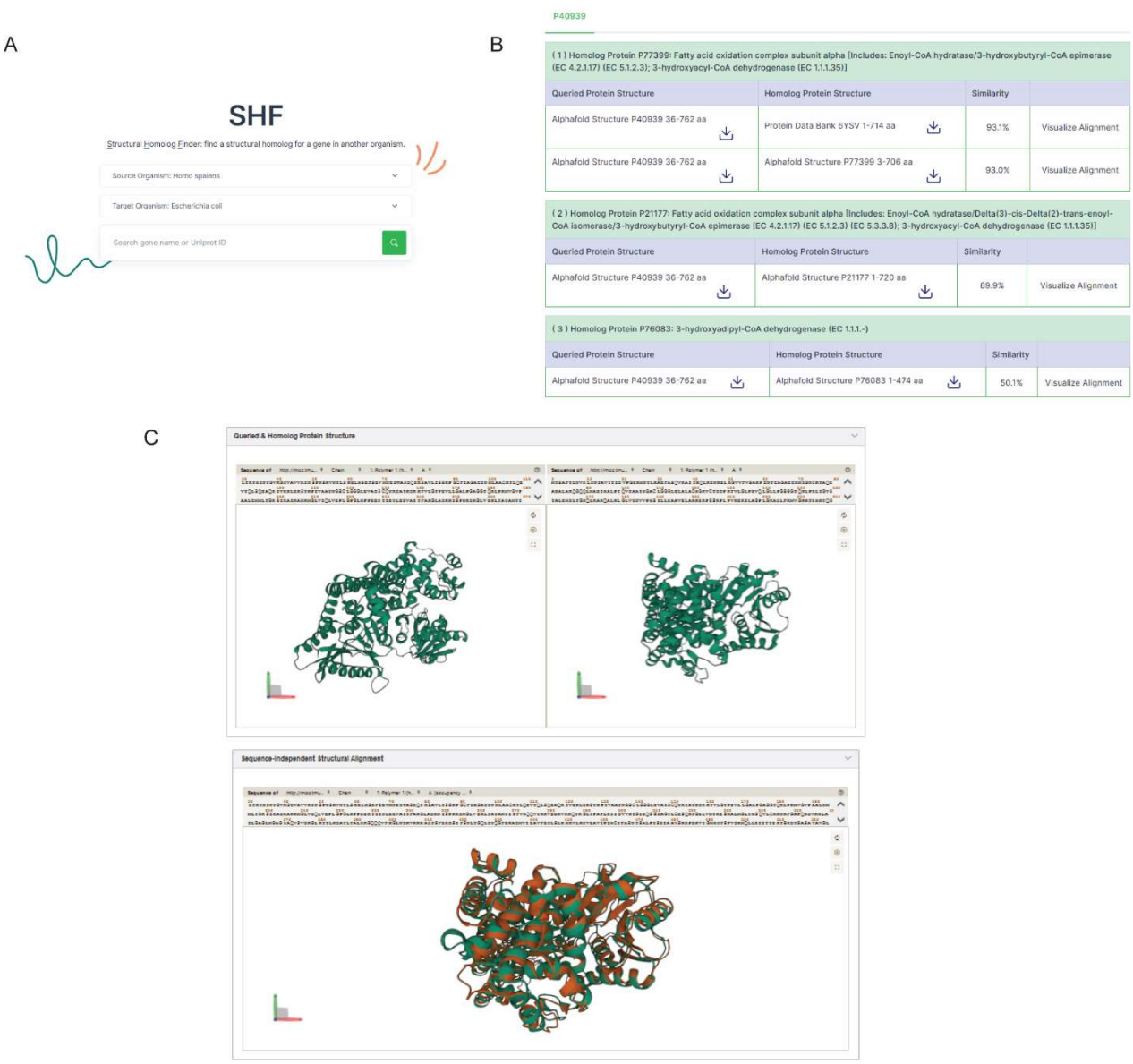

Supplemental Figure S5. SHF: An online resource for Structural homolog Identification

(A) Screenshot for the input page

(B) Screenshot for an example of the output. A query for structural homologs of human HADHA (Uniprot ID: P40939) in *E. coli* proteomes returns three homologous proteins.

(C) Visualization of the structural alignment between the AlaphaFold2 predicted structure of human HADHA and experimental structure *E. coli* fadJ (PDB ID:6Y5V)