

Supplementary Materials

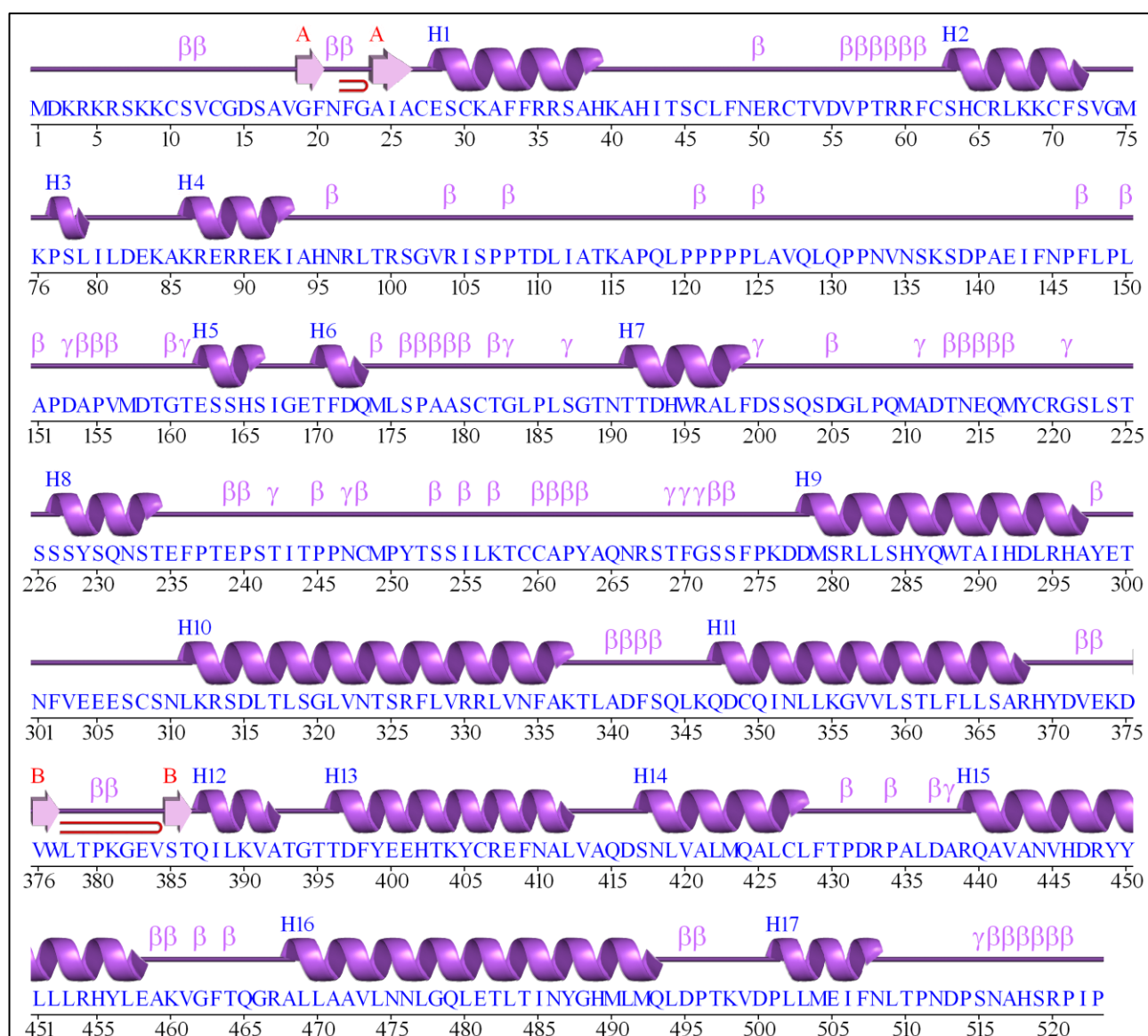


Figure S1. Secondary structure of FgNR1 predicted by PDBsum server showing 4 strands, 17 helices, 2 beta hairpins, 73 beta turns, and 20 gamma turns.

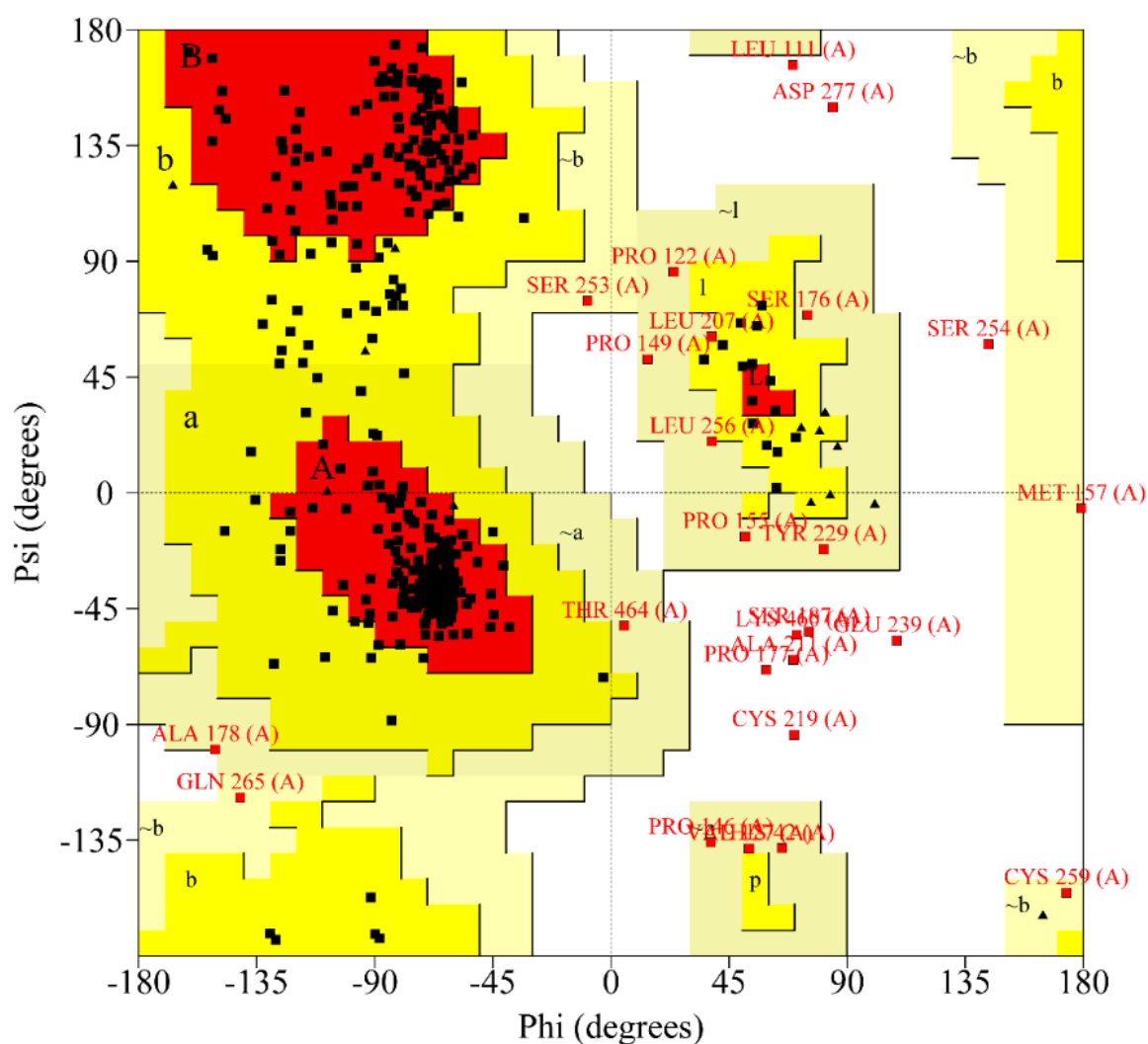


Figure S2. Ramachandran plot of FgNR1, produced by PROCHECK (validation of 3D structure). Ramachandran plot revealed that 82.2% of all residues were in most favored regions, 13.5% in additional allowed regions, 2.6% in generously allowed regions, and only 1.7% in disallowed regions.