

Fig.S1 A snapshot of the E. coli FadR protein complexed with its target DNA

DNA helix is denoted in blue. The FadR protein acts in dimer, one of which is in green, and the other is in purple. The putative three residues (W60, F74 and W75) with indirect functions in DNA binding are indicated in yellow. It was generated by Pmol software using the crystal structure of *E. coli* FadR protein (PDB:1H9T).