



Figure S3. (A) One Smad5-MH1 monomer and a single GC-BRE DNA strand in an asymmetric unit of the Smad5-MH1/GC-BRE complex structure of $P6_422$ space group. The color scheme of Smad5-MH1 and DNA follows that in Figure 3A. (B) The 2Fo-Fc electron density of helix $\alpha 1$ in the Smad5-MH1/GC-BRE complex structure (contoured at 1.0σ). (C) The 1:1 Smad5-MH1/SBE complex is superimposed with the 1:1 Smad5-MH1/GC-BRE complex, displaying the differences in the conformation of the three conserved β -hairpin residues. (D) His101 and His102 in Smad5-MH1 contact the DNA phosphate of the flanking sequence around the central GC-rich site.