Supporting information for article:

Crystal structure of the programmed cell death 5 protein from *Sulfolobus solfataricus*

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Figure S1. The fluorescence spectra of SsoPDCD5 and its DNA-binding curve. (a) Fluorescence emission spectra of the intrinsic tryptophan residue (W117) of the 14.5 µM SsoPDCD5 and its fluorescence quenching by incubation with the 20-bp dsDNA (5’-CCAACACTGGCCAGTGTTGG-3’) in 20 mM Tris, pH 7.5 at 25°C (selected spectra are shown). (b) The binding of SsoPDCD5 to the dsDNA was indicated by the quenching of the tryptophan (W117) fluorescence (345 nm) in the protein as a function of DNA concentration. A nonlinear fit of the titration data for SsoPDCD5 binding to a 20-bp dsDNA yielded a binding affinity of 12.93 µM.