Figure S5. Electrophoretic mobility shift assays of Paεψψψψψ with fluorescently (6FAM) labeled 50mer ssDNA (A) and dsDNA (B) in 5% polyacrylamide gels in Tris-borate buffer. Samples were incubated in low salt buffer for 10 min prior to gel electrophoresis. The asterisks indicate the Paεψψψψψ:DNA complexes. (C) Quantitative analysis of multiple experiments as shown in (A) and (B) with standard deviations. Paεψψψψψ binds to both DNA substrates but comparison shows that ssDNA (black bars) is bound more strongly than dsDNA (grey bars).