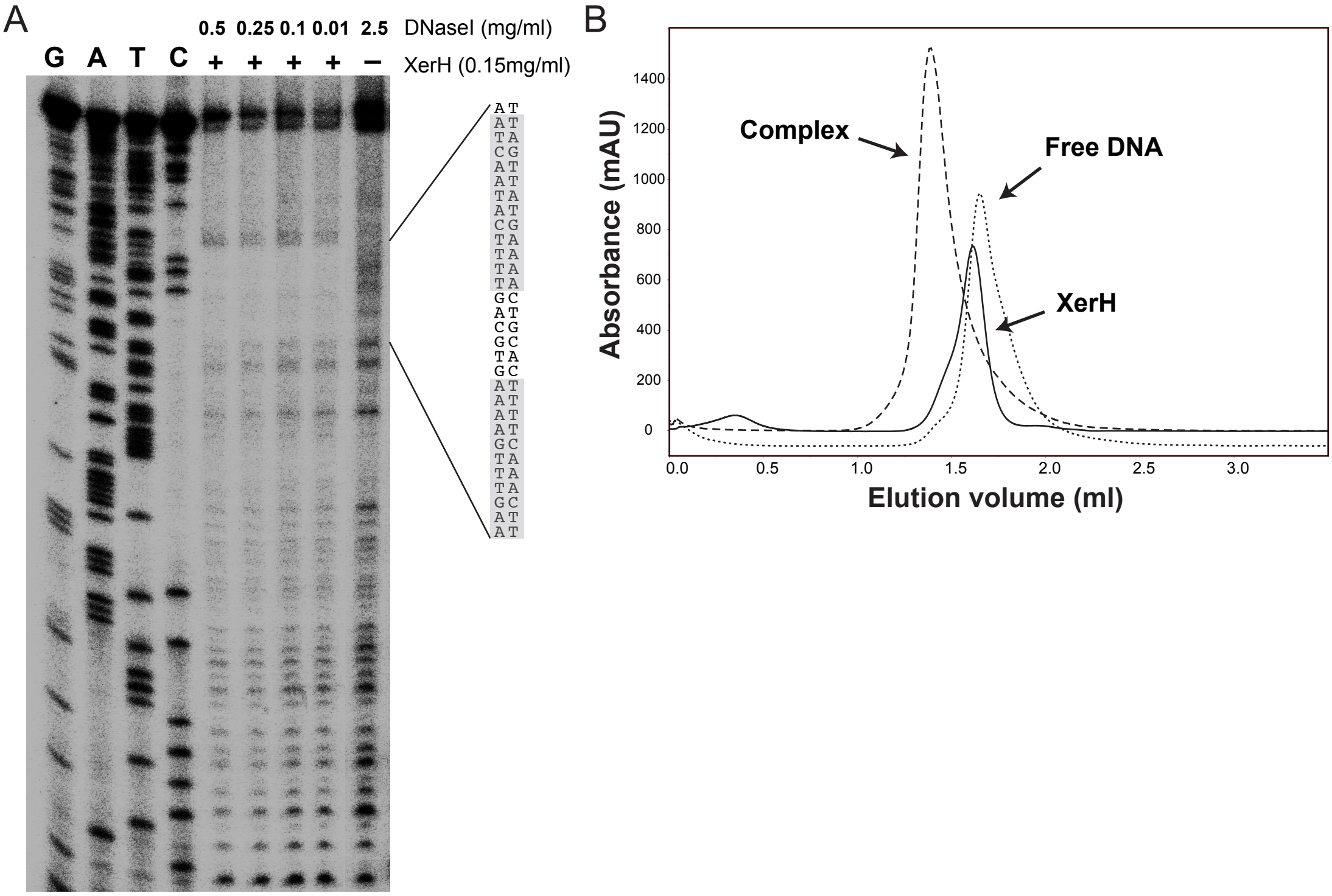

Figure 2-figure supplement 1: XerH binds to the predicted *dif_H* site.

A) DNase I footprinting assay mapping the XerH-protected region of *dif_H*. A *dif_H*-containing DNA substrate was incubated with XerH and then digested with the indicated amounts of DNase I to reveal the XerH-protected region of the substrate. Sequencing ladders (G, A, T, and C) were run alongside the reactions. The sequence of the protected region is shown, with the two *dif_H* arms shaded gray.

B) Analysis of complex formation between XerH and a 30-bp *dif_H* substrate by size-exclusion chromatography (SEC) detected at 260/280 nm. Retention volumes indicate formation of a complex with a larger size upon combining protein and DNA.