



Effects of potential interactions of the N-terminal extension of ABD2 on stability and NMR spectra of ABD2. A significant increase in stability of $> 7 \text{ } ^\circ\text{C}$ is seen for the addition of 23 amino acids at the N-terminus of ABD2. This addition leads to considerable chemical shift changes around helix one to which it would need to pack to allow the AT-hook to reach the DNA.