Supplemental Information:

1. **Primers used in Figure 5A and 5B for making GST-tagged ProTα mutant constructs**
   1) **GST- ProTαΔADΔNLS (GST-ProTα 1-40)**
      Forward: 5' CAGGAGCCGGATCCATGTCAGACGCAGCCGTAGA 3'
      Reverse: 5' TCAATGGCGGCCGCATTAGCATTCCCGTTAGCAG 3'
   2) **GST- ProTαΔNLS (GST-ProTα 1-83)**
      Forward: 5' CAGGAGCCGGATCCATGTCAGACGCAGCCGTAGA 3'
      Reverse: 5' TCAATGGCGGCCGCTTCCTCATCTTCATCTCCAT 3'
   3) **GST- ProTαΔBD (GST-ProTα 41-110)**
      Forward: 5' CAGGAGCCGGATCCGAGGAAAATGGGGAGCAGGA 3'
      Reverse: 5' TCAATGGCGGCCGCCTAGTCATCCTCGTCGGTCT 3'
   4) **GST- ProTαΔBDΔAD (GST-ProTα 71-110)**
      Forward: 5' CAGGAGCCGGATCCGGTGAGGAAGAGGATGGAGA 3'
      Reverse: 5' TCAATGGCGGCCGCCTAGTCATCCTCGTCGGTCT 3'
   5) **GST- ProTαΔBDΔNLS (GST-ProTα 41-83)**
      Forward: 5' CAGGAGCCGGATCCGAGGAAAATGGGGAGCAGGA 3'
      Reverse: 5' TCAATGGCGGCCGCTTCCTCATCTTCATCTCCAT 3'

2. Primers used in Figure 5C for making non-tagged ProTα mutant constructs by replacing GFP insert in pCMV-GFP (Addgene, plasmid # 11153) with mutant ProTα inserts

   1) **ProTαΔADΔNLS (ProTα 1-40)**
      Forward: 5' CAGGAGCCGAATTCATGTCAGACGCAGCCGTAGA 3'
      Reverse: 5' TCAATGGCGGCCGCATTAGCATTCCCGTTAGCAG 3'
   2) **ProTαΔNLS (ProTα 1-83)**
      Forward: 5' CAGGAGCCGAATTCATGTCAGACGCAGCCGTAGA 3'
      Reverse: 5' TCAATGGCGGCCGCTTCCTCATCTTCATCTCCAT 3'
   3) **ProTαΔBD (ProTα 41-110)**
      Forward: 5' CAGGAGCC GAATTCGAGGAAAATGGGGAGCAGGA 3'
      Reverse: 5' TCAATGGCGGCCGCCTAGTCATCCTCGTCGGTCT 3'
   4) **ProTαΔBDΔAD (ProTα 71-110)**
      Forward: 5' CAGGAGCCGAATTCGGTGAGGAAGAGGATGGAGA 3'
      Reverse: 5' TCAATGGCGGCCGCCTAGTCATCCTCGTCGGTCT 3'
   5) **ProTαΔBDΔNLS (ProTα 41-83)**
      Forward: 5' CAGGAGCC GAATTCGAGGAAAATGGGGAGCAGGA 3'
      Reverse: 5' TCAATGGCGGCCGCTTCCTCATCTTCATCTCCAT 3'