Supplementary Figure S4

Interactions with CUG-BP1:
- hnRNP A1
- SF2/ASF
- PABPN1

(i) kDa
- anti-Flag mab
- Flag-CUG-BP1
- Flag-CUG-BP1
- Cell Extract

(ii) anti-hnRNP A1 abs
- hnRNP A1

(iii) anti-SF2 mab
- SF2/ASF

(iv) anti-PABPN1 abs
- PABPN1
Supplementary Figure S4 CUG-BP1 does not interact with hnRNP A1, SF2/ASF, and PABPN1 in vivo. Normal myoblasts were transduced with recombinant adenoviruses expressing Flag-CUG-BP1 or green fluorescent protein (GFP) as a control. 48 hr post infection, total cell extracts were prepared and incubated with anti-Flag beads and immunoprecipitates were subjected to non-RNAse and RNAse treatment conditions as described in Materials and Methods. The eluted proteins from each immunoprecipitation were analyzed by Western blot staining with anti-Flag mab (i), anti-hnRNP A1 polyclonal antibodies (ii), anti-SF2 mab (iii), and anti-PABPN1 polyclonal antibodies (iv). Anti-Flag mab staining demonstrates the precipitation of Flag-CUG-BP1 (i). Staining with anti-hnRNP A1 (ii), anti-SF2 (iii), and anti-PABPN1 (iv) antibodies show that hnRNP A1, SF2/ASF, and PABPN1 do not co-immunoprecipitate with Flag-CUG-BP1 under non-RNAse or RNAse treatment conditions. The results are a representative of three independent experiments.