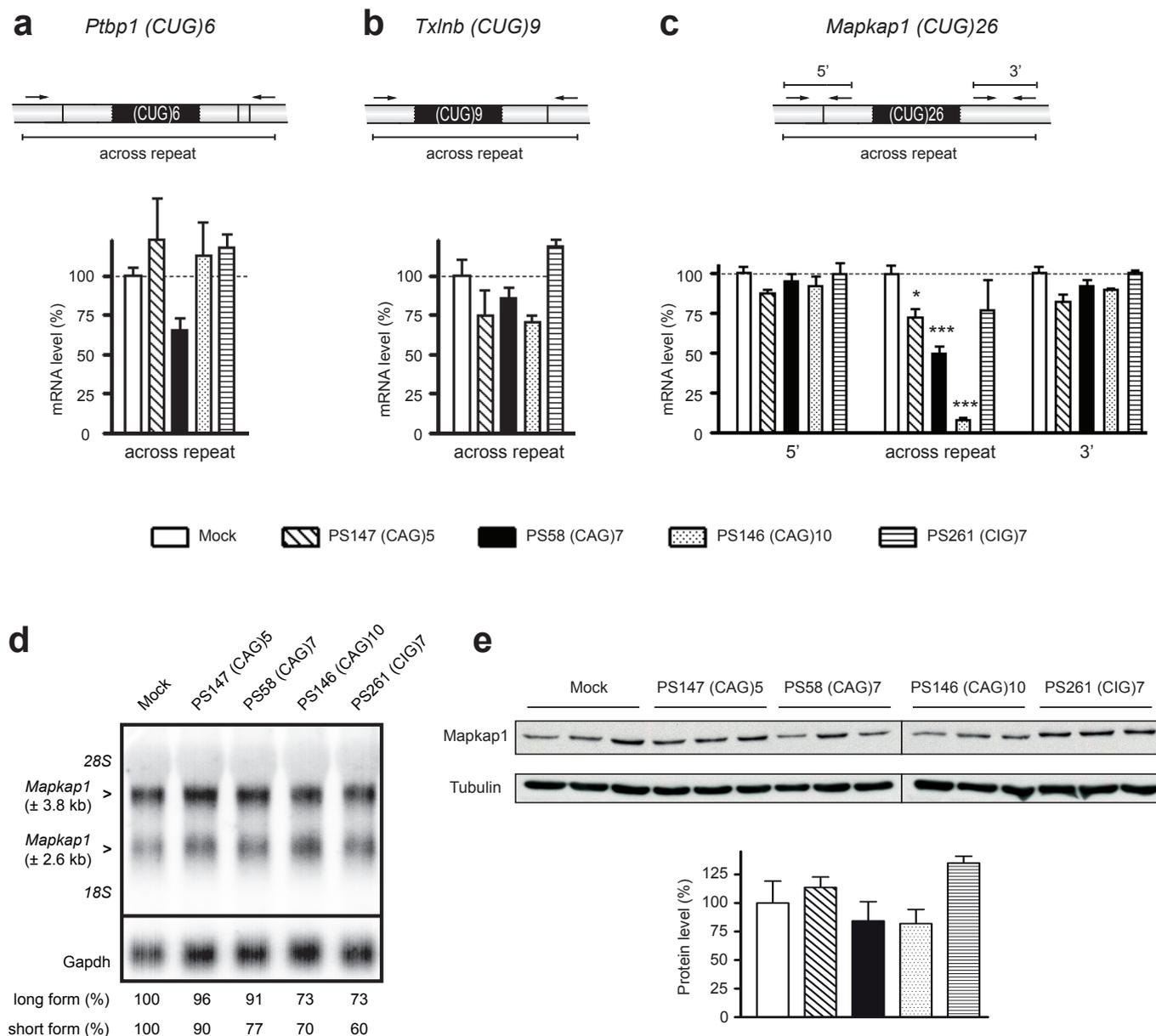


FIGURE S5



Supplementary Figure S5.

Expression of mouse transcripts, carrying a small (CUG)_n repeat, after transfecting DM500 myotubes with a selection of AONs: (a) *Ptbp1* (CUG)₆, (b) *Txlnb* (CUG)₉ and (c) *Mapkap1* (CUG)₂₆. Semi-quantitative RT-PCR was used to be able to amplify a segment across the repeat. Schemes on top illustrate exon-exon junctions, locations of PCR primers and amplicons. Dashed lines indicate 100% levels (mock samples). (d) Northern blot containing RNA isolated from DM500 myotubes treated with repeat AONs or mock-treated. The blot was incubated with a *Mapkap1* probe and a *Gapdh* probe for normalization. Two *Mapkap1* transcripts were detected which result from alternative polyadenylation (Schroder *et al.* (2004) Gene, 339, 17-23). The (CUG)₂₆ tract is only present in the long form (Supplemental Figure S4). Only a minor reduction in the level of both transcripts was observed upon AON treatment (indicated at the bottom). (e) *Mapkap1* protein levels were measured by Western blotting 72 h after mock or AON treatment (n=3). No significant changes in expression were observed.