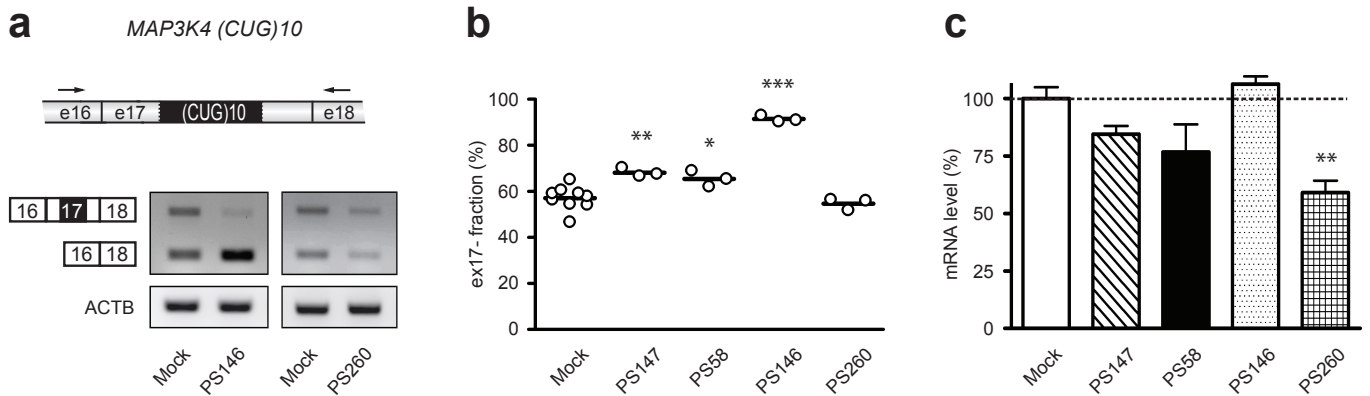


FIGURE S7



Supplementary Figure S7.

(CAG)_n oligos can modulate alternative splicing of the (CUG)_n-containing exon in the *MAP3K4* primary transcript. (a) DM1 patient 5/1400 myoblasts were transfected with a selection of AONs followed by semi-quantitative RT-PCR amplifying a segment containing *MAP3K4* exon 17, including the (CUG)₁₀ repeat. The ex17⁻ variant increased upon PS146 (CAG)₁₀ treatment, while the level of the ex17⁺ variant decreased. Gapmer PS260 (CAG)₇ reduced expression of both *MAP3K4* variants. Quantification of results obtained with all four AONs are shown in **b** (ex17⁻ fraction) and **c** (total *MAP3K4* RNA levels). Dashed line indicates 100% level (mock sample).