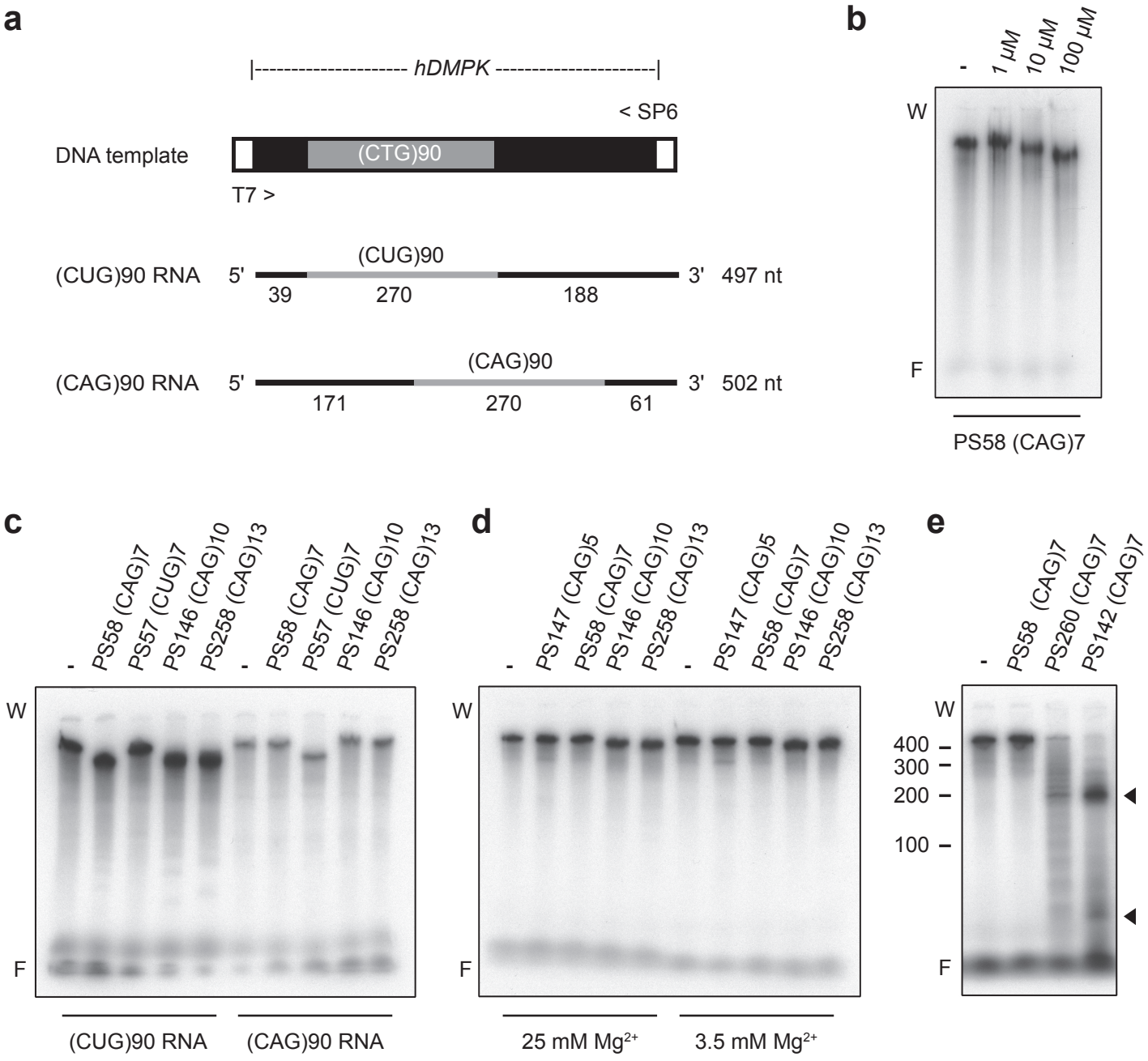
FIGURE S8



Supplementary Figure S8.

Test-tube experiments using *in vitro* synthesized RNA bearing a (CUG)90 or (CAG)90 tract. (**a**) Schematic representation of the *hDMPK* gene segment flanked by T7 and SP6 promoters, obtained by PCR, used for the synthesis of RNAs with a (CUG)90 or (CAG)90 tract. (**b**) (CUG)90 RNA was incubated for 2 hours at 37°C with different concentrations of PS58 (CAG)7 and then loaded on a polyacylamide gel. A concentration-dependent mobility shift was observed revealing oligo-RNA binding. (**c**) The same approach was followed with different (CAG)n or (CUG)n AONs and with (CUG)90 RNA and (CAG)90 RNA, with comparable results. (**d**) Incubation of (CUG)90 RNA with 2'-OMe/PT (CAG)n AONs in presence of 3.5 or 25 mM Mg^{2+} for 2 hours at 37°C did not show any proof of ribozyme activity. (**e**) (CUG)90 RNA was incubated with PS58 (2'-OMe/PT), PS260 (2'-OMe/DNA/PT) or PS142 (DNA/PT) in presence of RNase H for 1 hour at 37°C. RNase H only degraded RNA in a RNA-DNA duplex (stable products indicated by arrowheads). Chemistry and sequence of AONs is listed in Figure 1a. W=position of the wells; F= front.