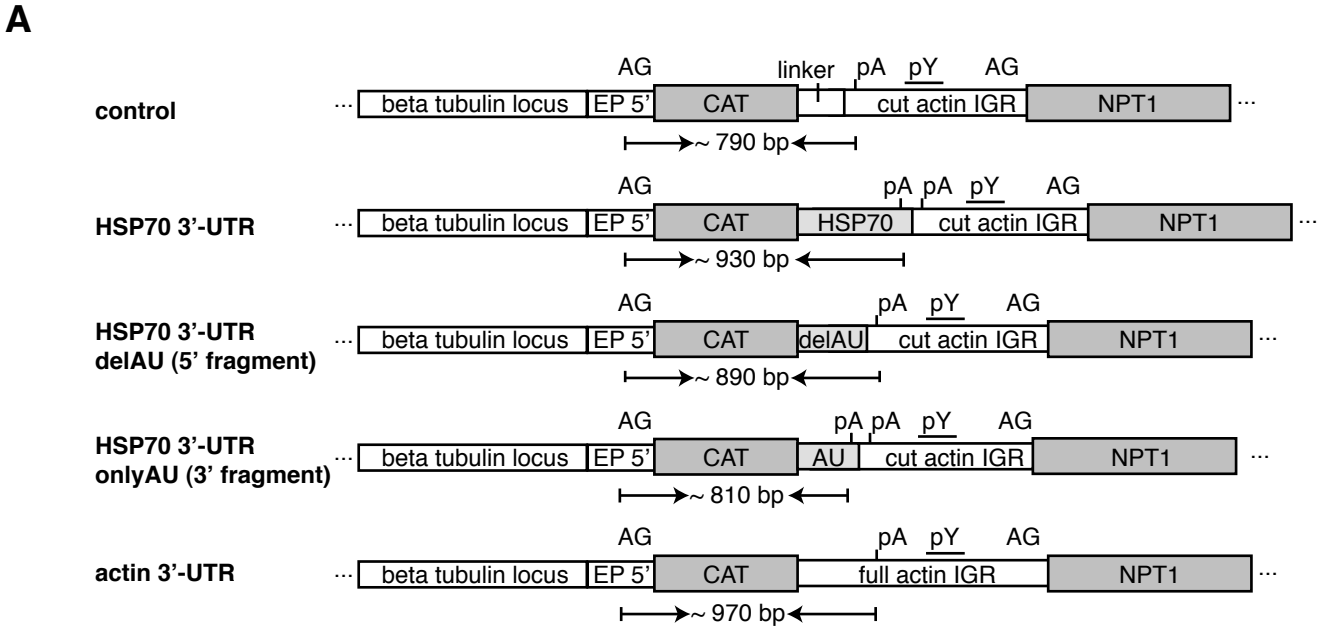

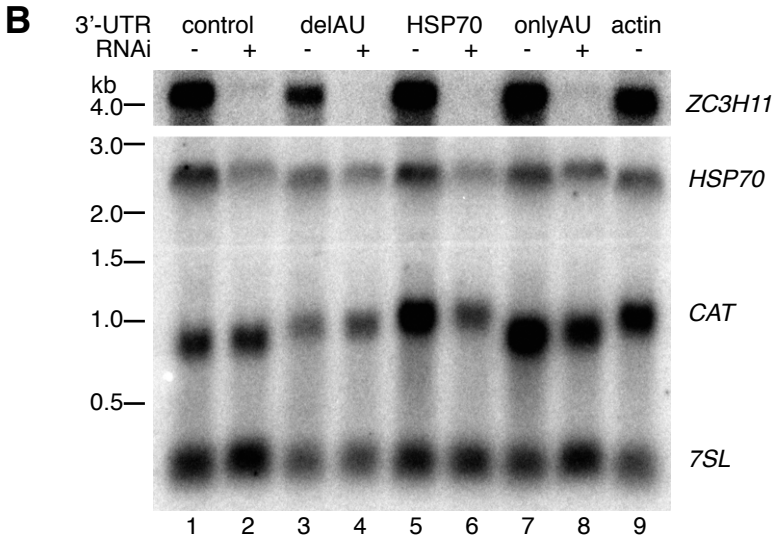

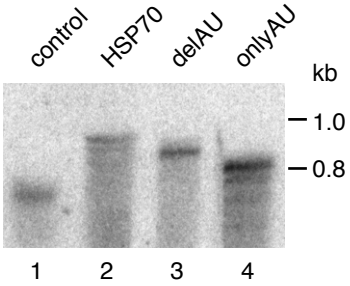

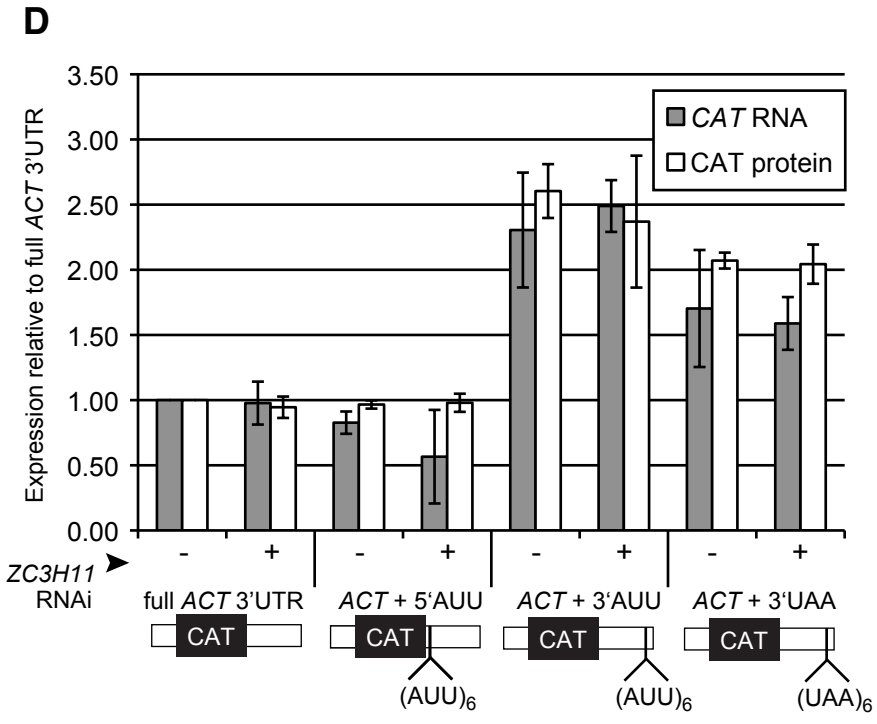

Supplementary Figure S4

CAT reporter mRNAs

A. Constructs used to express CAT with various 3'-UTRs.

All constructs are designed for integration in the beta tubulin locus. The *CAT* open reading frame (grey box) is preceded by the *EP* 5' region and followed by a linker (in the control cell line) or the 3'-UTR or 3'-UTR fragment of interest (marked in light grey). This is followed by a truncated actin intergenic region still containing a possible poly(A) addition site (pA), the polypyrimidine tract (pY) and splice acceptor dinucleotide (AG). The expected reporter mRNA sizes (including the spliced leader sequence, without considering a poly(A) tail) are given below each construct.

B. Northern blot with total RNA of CAT reporter cell lines and induction of *ZC3H11* RNAi, hybridised with a *CAT, ZC3H11* and *HSP70* probes with *7SL* used as a control.

C. RNA from four different reporter cell lines (as indicated) was incubated with oligo d(T) and RNase H to remove poly(A) tails (Schwede et al, Nucleic Acids Res. 37, 5511-5528) before Northern blotting and hybridising with a *CAT* probe as in (B). The bands are of the expected sizes.

D. AU-rich elements can affect reporter expression in a non-ZC3H11-dependent manner. Details are as in Figure 4D.