



Supplementary Figure 2: **A)** A schematic representation of the primer placement in the primer walk assay. **B)** Polyadenylation status of spliced and unspliced lncTAM34a in HEK293T cells. **C)** Sequencing results from the analysis of lncTAM34a isoforms in U2OS cells. lncTAM34a ref. refers to the full-length transcript as defined by the 3'-RACE and the primer walk assay. **D)** Analysis of coding potential of the lncTAM34a transcript using the Coding-potential Calculator. **E)** RNAseq data from five fractionated cell lines in the ENCODE project showing the percentage of transcripts per million (TPM) for lncTAM34a. MALAT1 (nuclear localization) and GAPDH (cytoplasmic localization) are included as fractionation controls. Points represent the mean and horizontal lines represent the standard deviation from two biological replicates.