

Supplementary Information

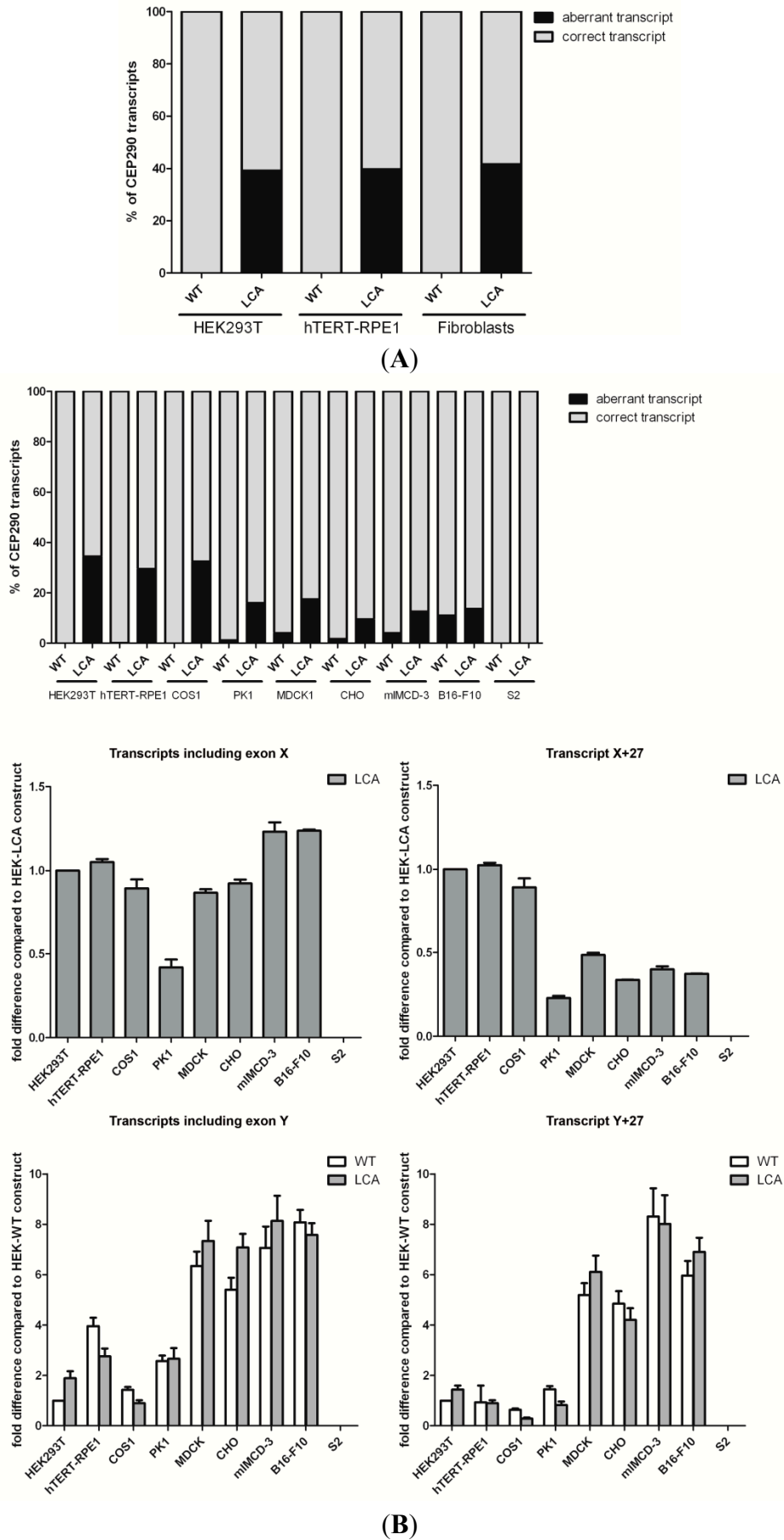
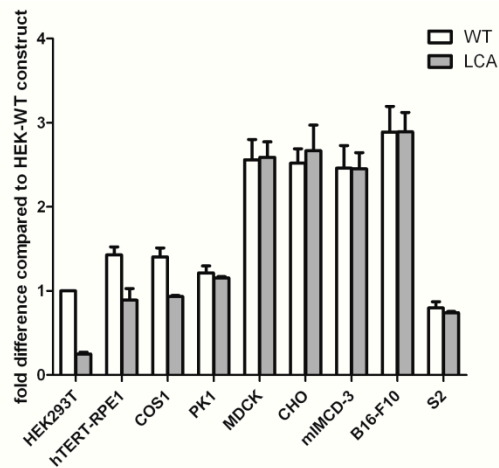


Figure S1. Cont.



(B)

Figure S1. Semiquantitative analysis of the spliced products. (A) Densitometric analysis of the gel shown in Figure 1A. Semiquantification of the PCR reaction from exon 26 to exon 27 using the WT and LCA minigene in HEK293T and hTERT-RPE1 cell lines compared to fibroblast cell lines; and (B) Semiquantitative analysis of the bands shown in Figure 1B. Upper panel corresponds to the PCR from exon 26 to exon 27 in different cell lines. All exon X-containing transcripts (left panel) and those that include exon X (right panel) as the only cryptic exon in cells transfected with the LCA construct are represented. Exon Y-containing transcripts were also quantified in cell lines transfected with the LCA or WT constructs. Lower panel represents the semiquantitative analysis of exon Z in LCA or WT-transfected cell lines.

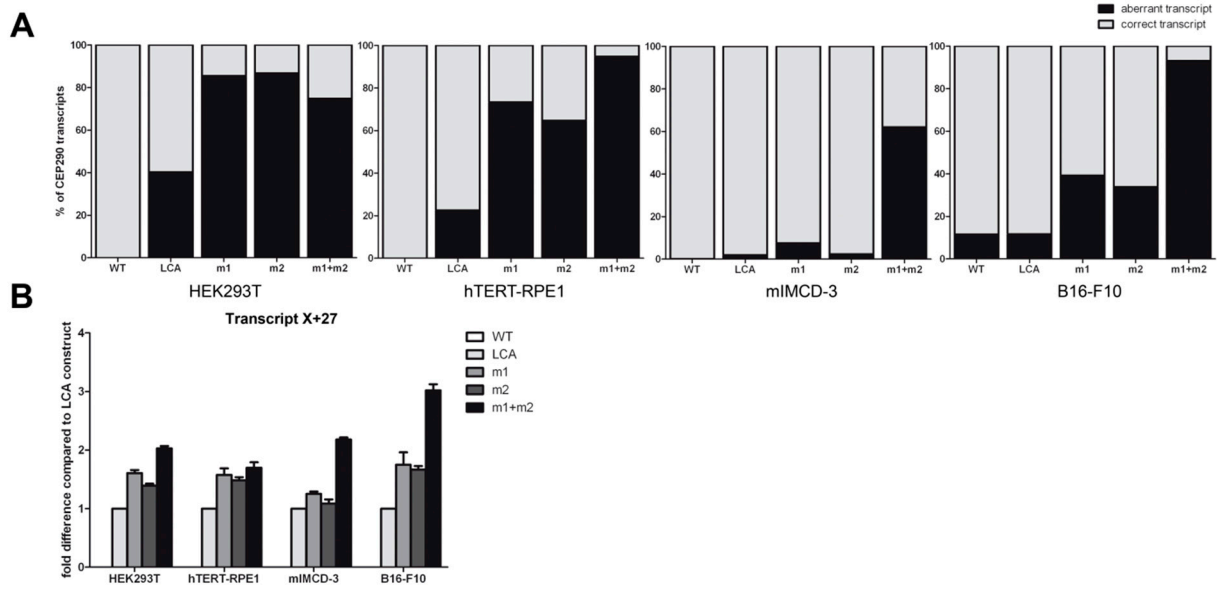


Figure S2. Densitometric analysis of the spliced products in murine and human cell lines. **(A)** Semiquantitative analysis of the PCR reaction from exon 26 to exon 27 depicted in Figure 2C; and **(B)** Semiquantitative analysis of the transcript containing only exon X together with exon 27 in the cell lines transfected with the different constructs. The corresponding gels are shown in Figure 2C; m1 and m2 represent the inserted mutations in the acceptor (m1) or donor (m2) splice sites, or both together (m1 + m2).