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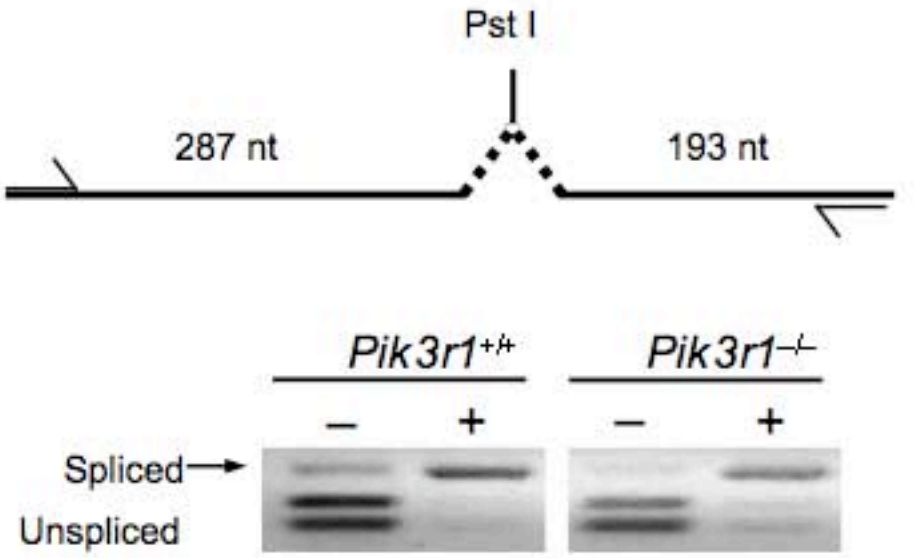
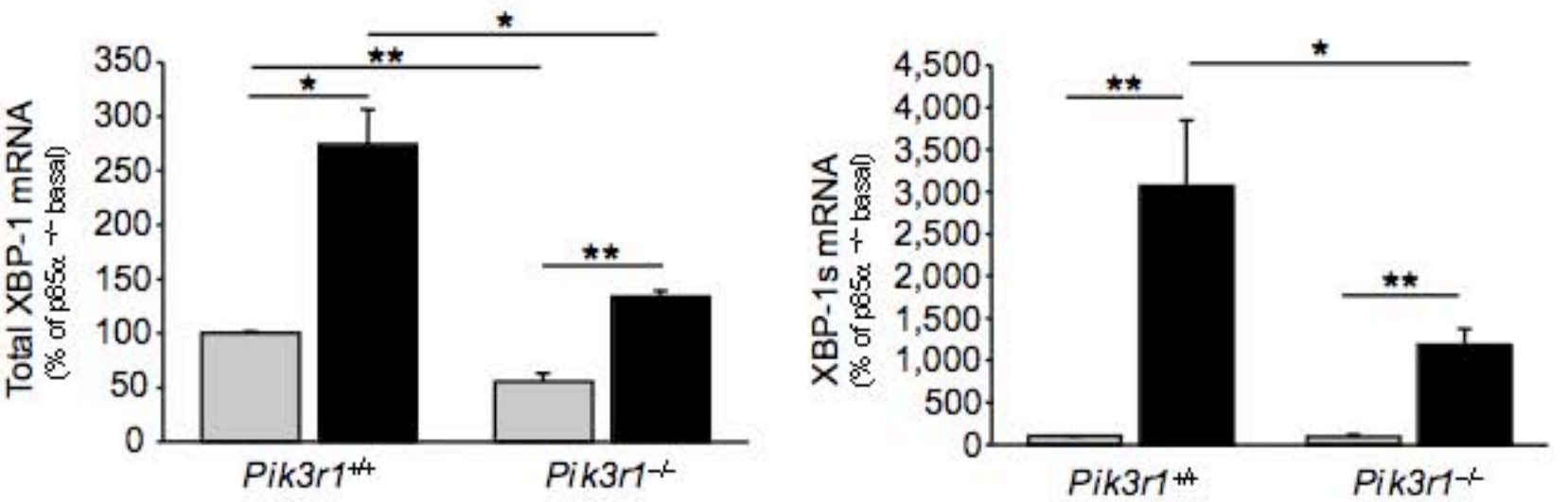
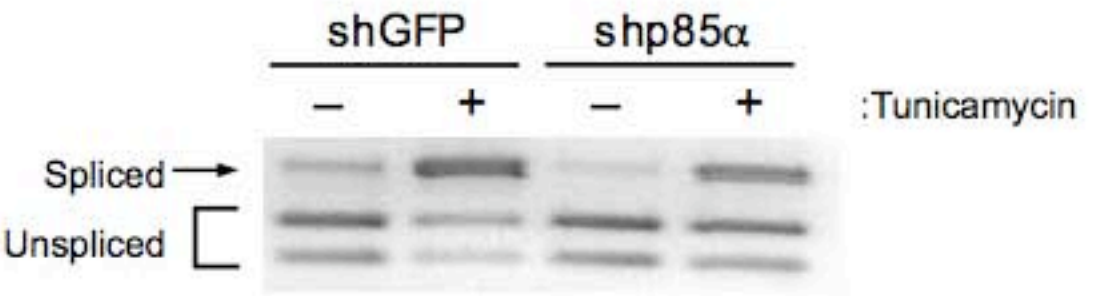


b.



c.



Supplemental Figure 5: Assessment of XBP-1 splicing in response to ER stress. a) XBP-1 splicing was evaluated by performing a PCR on cDNA derived from *Pik3r1*$^{+/+}$ or *Pik3r1*$^{-/-}$ cells treated with vehicle or tunicamycin for five hours. Primers were designed to flank the 26 nt intron excised from the XBP-1s transcript. Resultant PCR products were digested with Pst I restriction endonuclease and resolved by agarose gel electrophoresis. b) Quantitative PCR was performed to examine total XBP-1 and spliced XBP-1 transcript levels in *Pik3r1*$^{+/+}$ or *Pik3r1*$^{-/-}$ cells treated with vehicle (gray bars) or tunicamycin (black bars) for five hours. Data were normalized using TBP as an internal reference. c)PCR-based assessment of XBP-1 splicing in shGFP and shp85α Huh7 cell lines was performed as previously described. d Data are presented as the means ± SEM, and asterisks indicate statistical significance determined by student's t-test (*$p < 0.05$; **$p < 0.001$)