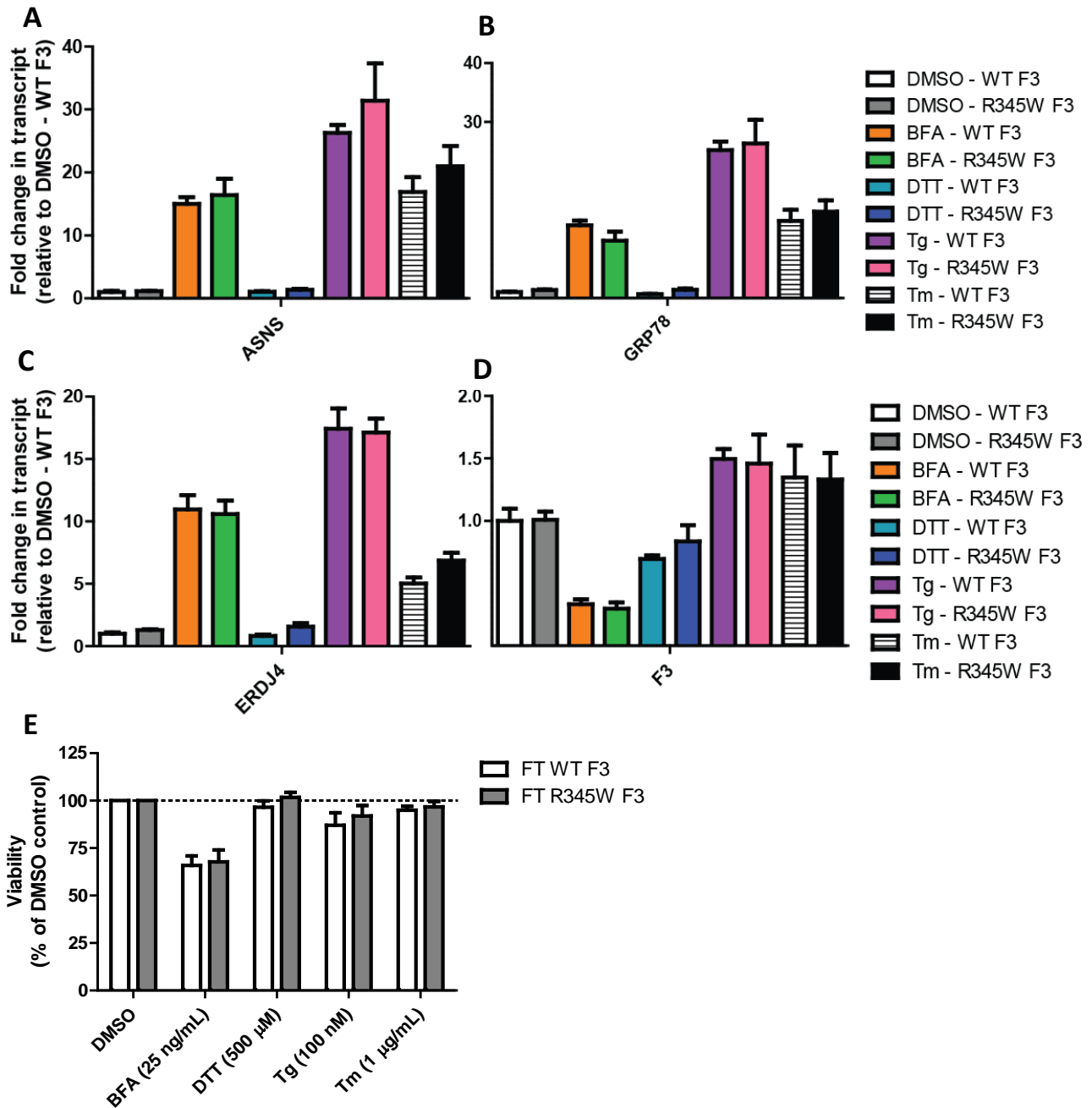


SUPPLEMENTAL FIGURE 1



Supplemental Figure 1. qPCR analysis and viability ARPE-19 cells post ER stressor treatment. (A-D) ARPE-19 cells were infected with adenovirus at an MOI of 5 for 48 h, followed by treatment with the ER stressors as described in Figs. 1 and 2. After 24 h of treatment, cells were harvested, and RNA was extracted followed by qPCR. Transcripts were normalized to the housekeeping gene, RPLP2 and are presented as levels relative to transcripts from DMSO-treated WT F3-expressing cells. Representative data (average \pm the 95% confidence interval), $n = 3$. (E) 24 h post ER stressor treatment, ARPE-19 cell viability was measured by the resazurin mitochondrial reduction potential [13], $n \geq 5$.