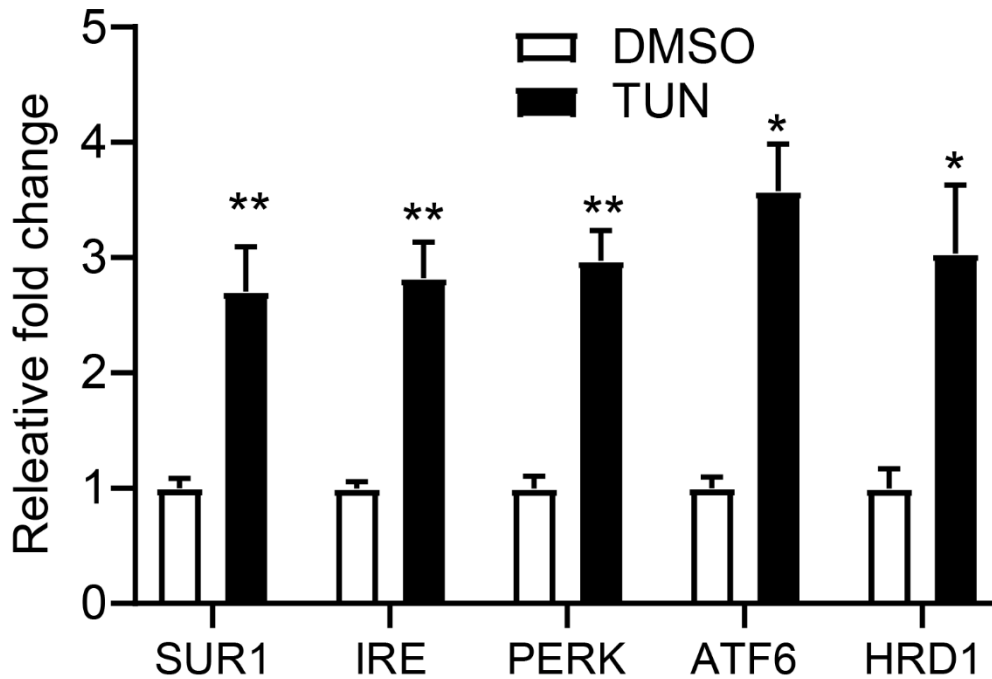


qPCR analysis



Suppl Fig. 1

Suppl Fig. 1 Tunicamycin activates UPR or ERAD. Relative expression levels of SUR1 mRNA in INS-1 cells treated with tunicamycin (1.25 $\mu\text{g}/\text{mL}$) for 12h. The relative expression of SUR1, key UPR sensors (i.e., IRE1, PERK, ATF6) and ERAD sensor, Hrd1, were increased as compared to DMSO treated INS-1 cells. Data are presented as the mean \pm SEM; n = 6 per group; no results achieved significance when compared with DMSO-treated cells in each corresponding group; differences were evaluated using two-way ANOVA and Dunnett's post hoc test.