

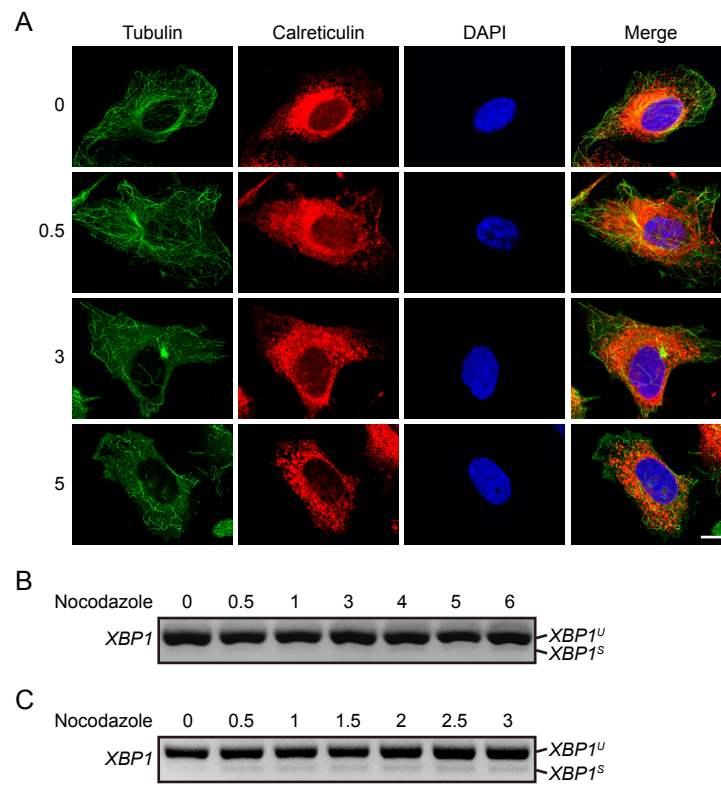


Figure S3. Depolymerization of microtubule induces mild ER stress.

(A) U2OS cells were treated with different concentrations ($\mu\text{g/mL}$) of nocodazole for 30 minutes to depolymerize microtubules. The morphology of the microtubule and ER were determined by immunostaining with tubulin (green) and calreticulin (red), respectively, and visualized by fluorescence confocal microscopy. Scale bar: 10 μm .

(B) Unspliced (U) *XBP1* and spliced (S) *XBP1* using samples in (A) were resolved by agarose gel.

(C) As in (B), but for 2 hours.