



Supplementary Fig. 1. (A) The relative quantitative expression of proteins in Figure 2D by using Image-J software. (B) The relative quantitative fluorescence intensity in Figure 2E by using Image-J software. \**P*: versus non-irradiation, #*P*: versus NC-circ after irradiation. \*\**P* < 0.01, #*P* < 0.05, ##*P* < 0.01. Each bar represents the mean  $\pm$  SEM for at least three independent experiments. NC-circ, negative control of circTUBD1; sh1-circ, short hairpin RNA 1 of circTUBD1; sh2-circ, short hairpin RNA 2 of circTUBD1