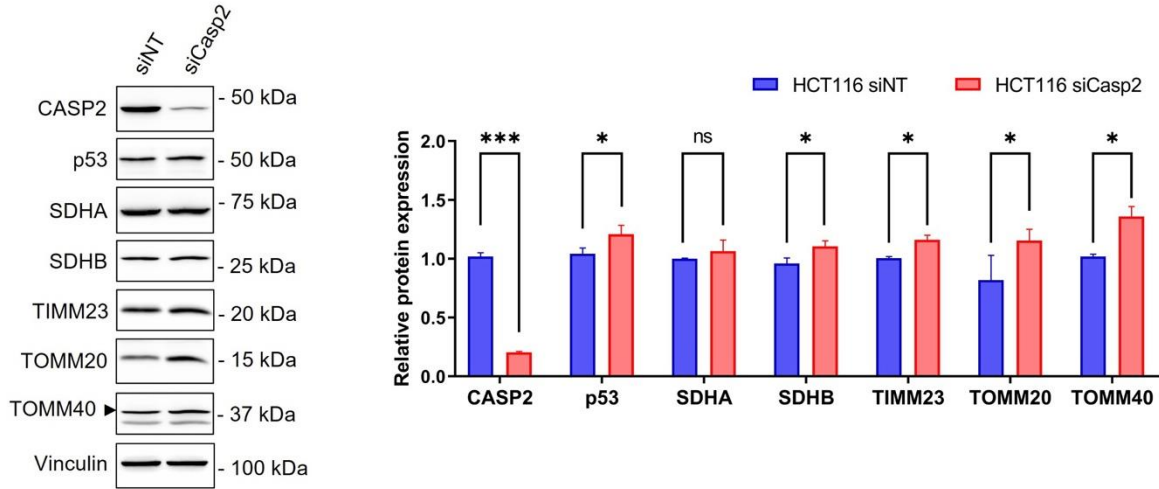
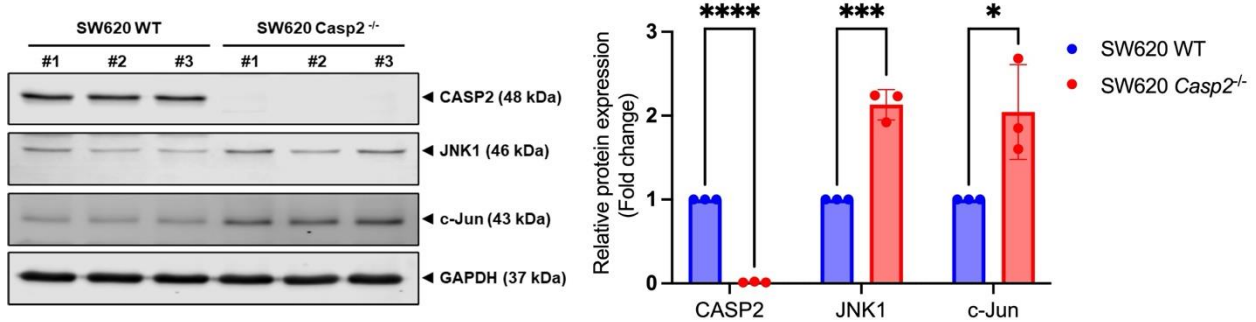


## Supplementary data



**Figure S1. Effects of caspase-2 on mitochondria-related protein content in HCT116 human colon cancer cells.** Representative immunoblots and relative protein levels of CASP2, p53, SDHA, SDHB, TIMM23, TOMM20, and TOMM40 in HCT116 cells transfected with siRNA targeting *Casp2* or negative control (NT). Results are shown as the means  $\pm$  SD of three independent experiments. \* $P$  < 0.05, \*\* $P$  < 0.01, \*\*\* $P$  < 0.001, ns = not significant.



**Figure S2. Effects of caspase-2 on JNK1 and c-Jun protein expressions.** Representative immunoblots and relative protein levels of CASP2, JNK1, and c-Jun in SW620 WT and SW620 *Casp2*<sup>-/-</sup> cells. Results are shown as the means  $\pm$  SD of three independent experiments. \* $P$  < 0.05, \*\*\* $P$  < 0.001, \*\*\*\* $P$  < 0.0001.