



S2 Fig. Colon cancer-associated transcript 1 (CCAT1)/miR-454/survivin axis regulated cisplatin resistance in SKOV3 and SKOV3/DDP cells. (A) miR-454 level in SKOV3 and SKOV3/DDP cells was determined by quantitative reverse transcription polymerase chain reaction (qRT-PCR). (B) miR-454 level was determined by qRT-PCR in SKOV3 and SKOV3/DDP cells transfected with sh-NC or sh-CCAT1. (C) The mRNA level of survivin was determined by qRT-PCR in SKOV3 and SKOV3/DDP cells transfected with sh-NC or sh-CCAT1. (D) Apoptosis of SKOV3 and SKOV3/DDP cells transfected with NC/sh-CCAT1/sh-CCAT1+miR-454 inhibitor/survivin and treated with or without cisplatin was examined by

flow cytometry. (E) The expression level of Bcl-2, Bax and survivin in transfected ovarian cancer cells were determined by Western blotting. Values are presented as the mean±standard deviation and performed in triplicate. *p < 0.05, **p < 0.01.