



Figure S1. (A) Knockdown of *CHD4* in DLD-1 cells suppresses the cell proliferation. (B) Knockdown of *CHD4* in HCT-116 and HT-29 cells suppresses the cell proliferation. (C) Knockdown of *CHD4* in HCT-116 and HT-29 CRC cells can increase the cytotoxicity of cisplatin. (D) Knockdown of *CHD4* by siRNA in DLD-1 cells can increase the cytotoxicity of cisplatin. (E) AnV-PI double staining shows that cisplatin induces higher cell death rate through apoptosis in *CHD4* depleted DLD-1 cells. (F) Western blot analysis shows that higher levels of cleaved Caspase3 and PARP in *CHD4* depleted DLD-1 cells were treated with cisplatin. (G) SAHA shows the potential in suppressing *CHD4* expression in HCT-116 cells. Data from three independent experiments are used for statistical analysis and * $P < 0.05$.