

## Figure legends

**Figure S: The effect of HDIs combined with AS on expression of the markers of autophagy and EMT in vivo.** Treatment schedule and dosages in mice as shown in figure 8A.  $5 \times 10^6$  HepG2-luc cells were injected into the livers of nude mice with a 1 mL insulin injection needle, and the wounds were sutured with 5-0 silk thread. After 14 days, the mice were assigned to the following six groups, Saline, SAHA, NaB, AS, AS+SAHA, and AS+NaB, the animals were sacrificed, the mouse liver tissues were used for immunohistochemical staining to analyze the expression of vimentin, Snail, E-cadherin, FOXO1, and ULK1, scale bar, 200  $\mu$ m.

