



**Supplementary Figure 1 Yin Yang 1 enhances malignant phenotypes in SGC7901 cells.** <sup>b</sup> $P < 0.01$ , <sup>c</sup> $P < 0.001$ , <sup>d</sup> $P < 0.0001$ . A and B: Colony formation assays and EdU assessing the impact of Yin Yang (YY)1 knockdown and overexpression on the proliferation of SGC7901 cells; C and D: Wound healing and Transwell assays evaluating the effects of YY1 knockdown and overexpression on the invasion and migration of SGC7901 cells.