



Supplementary information, Fig S2 The expression of cGAS is significantly increased in tumor tissues

a, Western blotting analysis of the protein levels of cGAS in paired adjacent noncancerous liver tissues and human HCC tissues. Ponceau staining is shown at the bottom as the loading control. **b**, qRT-PCR analysis of *cGAS* mRNA levels in paired adjacent noncancerous liver tissues and human HCC tissues. **c**, Representative IHC images of cGAS staining were shown from the HCC specimen that included cancerous tissues and adjacent tissues. Scale bars, 100 μm . **d**, Kaplan-Meier curves from univariate analysis for patients with low versus high cGAS expression ($n = 271$ in high cGAS group and $n = 273$ in low cGAS group; $p = 0.0068$ by log-rank test. For **(b)**, the data are presented as the mean \pm s.e.m. p value was calculated by two-tailed unpaired Student's t-test. *, $p \leq 0.05$.