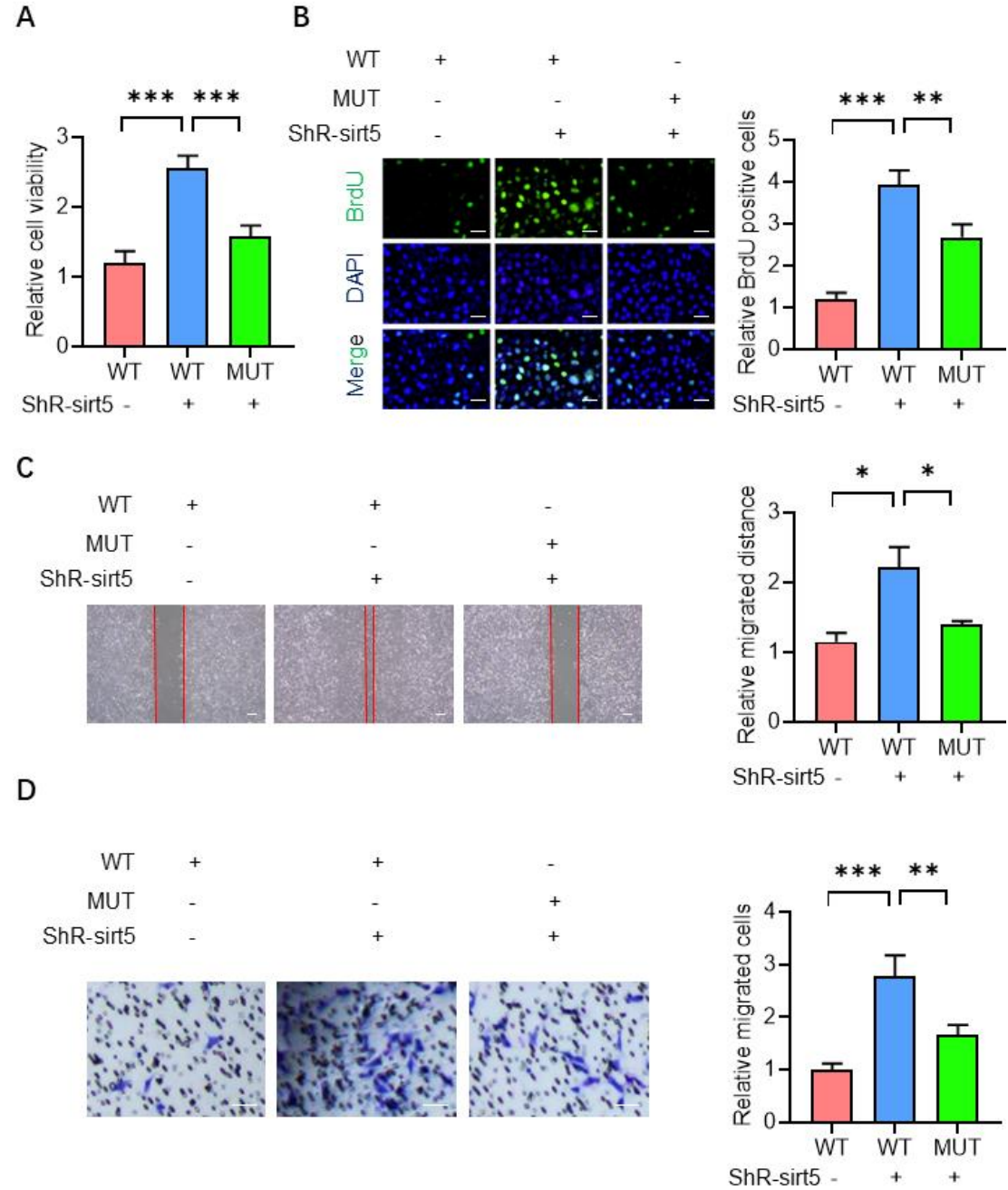


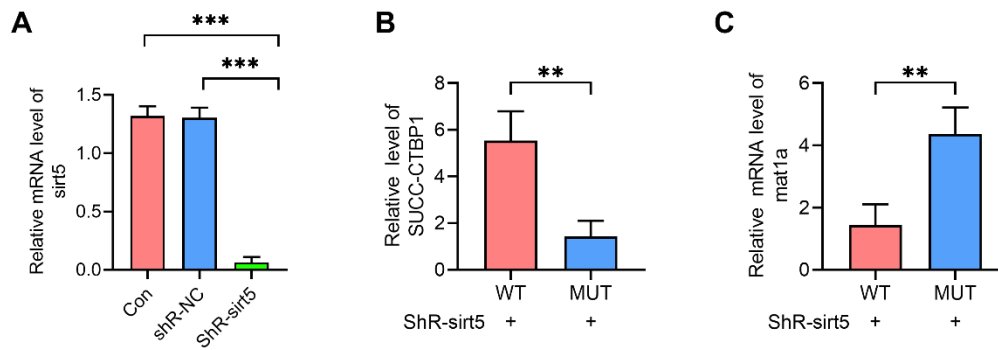
Supplementary figures and legends

Supplementary Figure 1



Supplementary Figure 1. CTBP1 succinylation promotes the viability, migration, invasion in HCC in Huh7 cells. A-B. After SIRT5 knocking down along with transfection with CTBP1 WT or mutants, the CCK8 assay and BrdU staining were performed to detect cell viability. C-D. The wound healing assay and transwell assay were used to determine the migration and invasion of HCC cells.

Supplementary Figure 2



Supplementary Figure 2. Expression of key targets in tumor tissues from in vivo models. A. Validation of SIRT5 knockdown efficiency. B. Changes in CTBP1 succinylation levels in wild-type and mutant groups under SIRT5 knockdown conditions. C. Expression alterations of MAT1A in wild-type and mutant groups under SIRT5 knockdown conditions. **P < 0.01; ***P < 0.001.