

Supplementary Tables and Figures

Table S1. Primer sequences for RT-PCR.

Gene	Primer sequence
CTGF	F: 5'-AGGAGTGGGTGTGTGACGA-3'
	R: 5'-CCAGGCAGTTGGCTCTAATC-3'
Atg5	F: 5'-CAGACAACGACTGAAAGACCT-3'
	R: 5'-CAGGATCAATAGCAGAAGGACA-3'
GAPDH	F: 5'-ACTCCTCCACCTTTGACGC-3'
	R: 5'-GAGGGGAGATTCAGTGTGGTG-3'

Table S2. Primer sequences for RT-PCR in ChIP assay.

Gene	Primer sequence
CTGF	F: 5'-CTCCCTCAGGCTGCATGTTC-3'
	R: 5'-CTGGGATGCAAAGGGGGTTC-3'
Atg5	F: 5'-CTGGGAAGGCAATGCACCTT-3'
	R: 5'-ACAGTGTCCCCAGTAAACAGC-3'
GAPDH	F: 5'-GCAGAGGGCGTGAGCTATG-3'
	R: 5'-GTCTTCTCCCCGCAAAGAGG-3'

Table S3. Predicted binding sites of TEAD1 in the Atg5 promoter.

Score	Relative score	Start ^a	End	Predicted site sequence
12.8296	0.9865	-1071	-1062	CACATTCCTA
12.0135	0.8968	-1071	-1060	CACATTCCTATC
7.42914	0.8752	-1045	-1036	TACATACTGA
5.99244	0.8456	-1396	-1387	TAGATTCTAC
5.99244	0.8456	-1382	-1373	TAGATTCTAC

^a position relative to the transcription initiation site (defined as the +1 position) of Atg5, e.g., -1071 means an element located 1071 nucleotides upstream of Atg5 transcription start site.

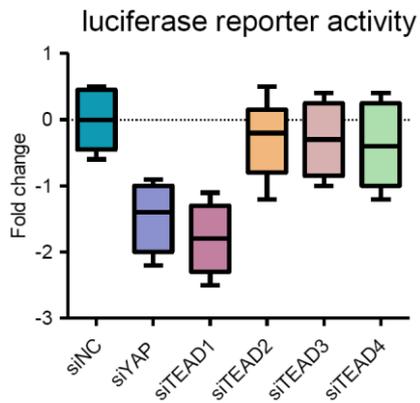


Figure S1. Expression change of a YAP/TEAD responsive luciferase reporter upon siRNA-mediated knockdown of YAP or TEADs normalized to a negative control siRNA in AsPC-1 cells.

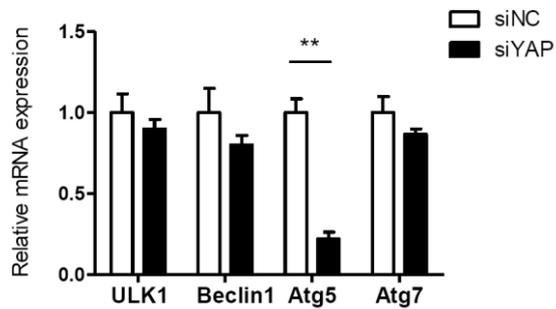


Figure S2. RT-qPCR analysis of the mRNA levels of ULK1, Beclin1, Atg5 and Atg7 in AsPC-1 cells treated with siYAP or a negative control siRNA. Data are shown as mean \pm SEM from three independent experiments. Student's t test. ** $p < 0.01$, *** $p < 0.001$.

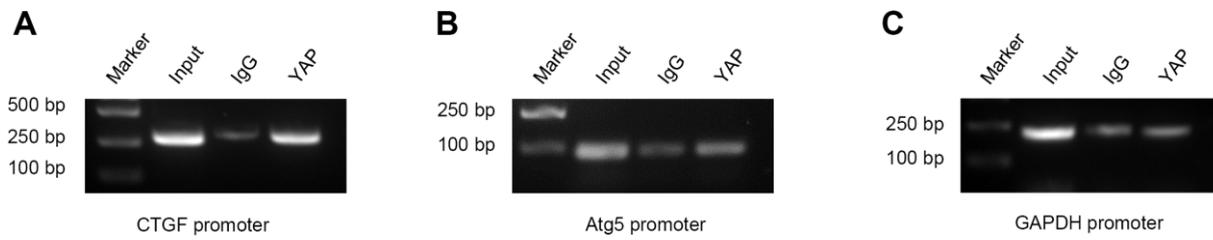


Figure S3. ChIP assays with YAP antibody or control IgG were performed on chromatin derived from AsPC-1 cells. Primers of CTGF, Atg5 and GAPDH promoter were used for PCR amplification.

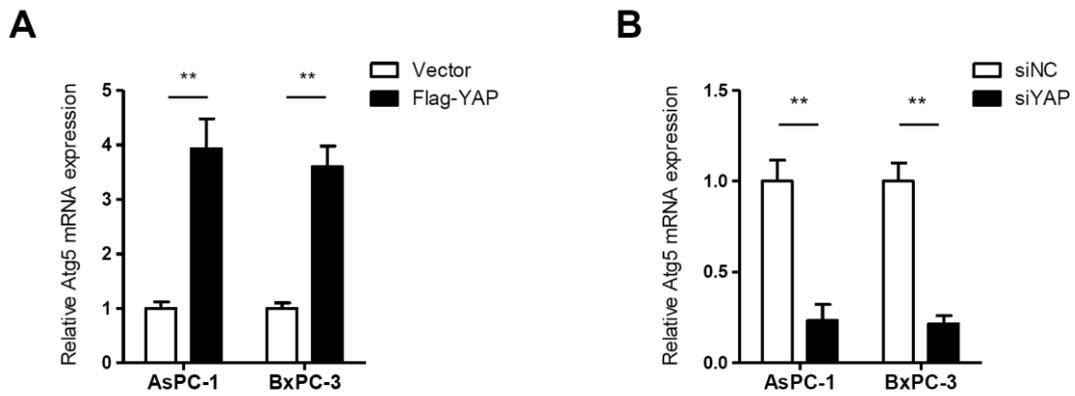


Figure S4. RT-qPCR analysis of Atg5 mRNA expression in AsPC-1 and BxPC-3 cells with YAP overexpression or knockdown.

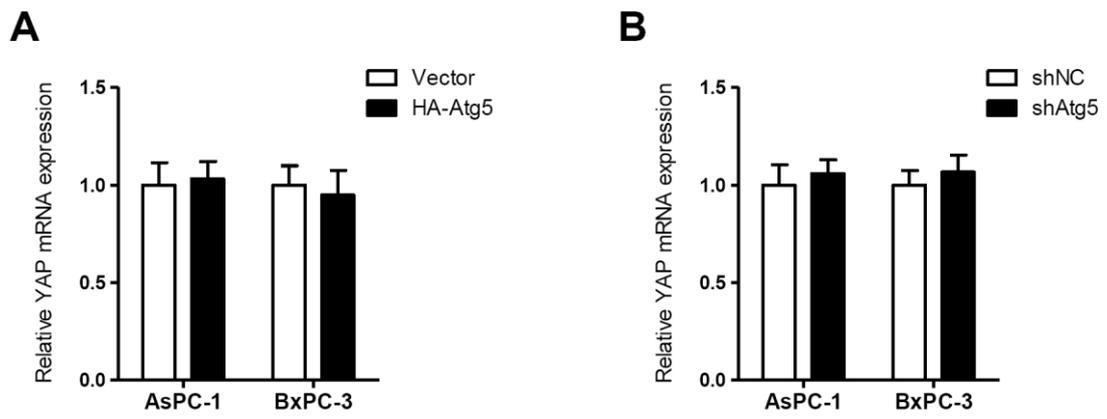


Figure S5. RT-qPCR analysis of YAP mRNA expression in AsPC-1 and BxPC-3 cells with Atg5 overexpression or knockdown.