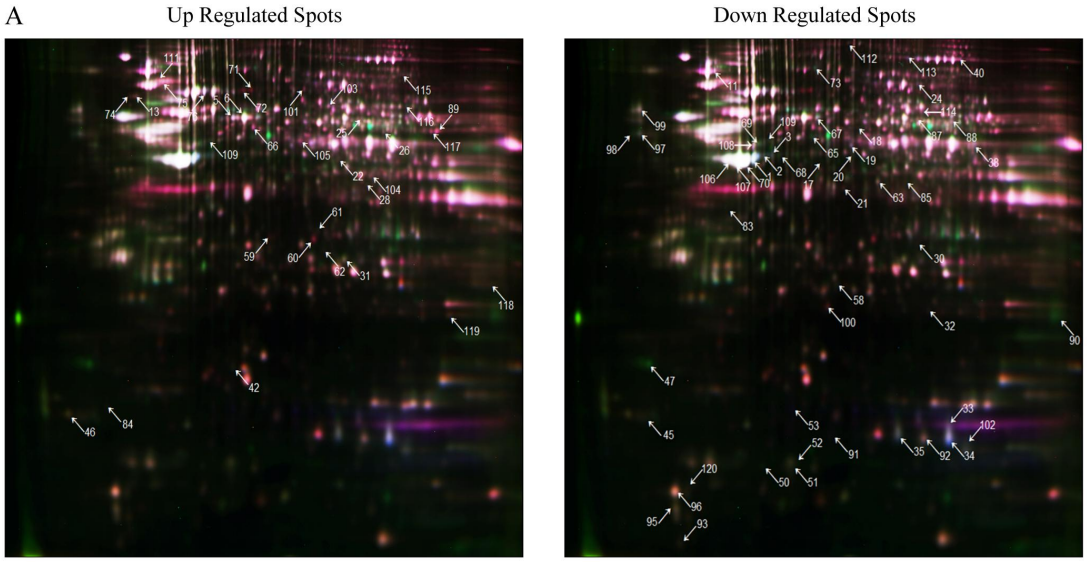
Table S1. Antibodies used for western blot or immunoprecipitation

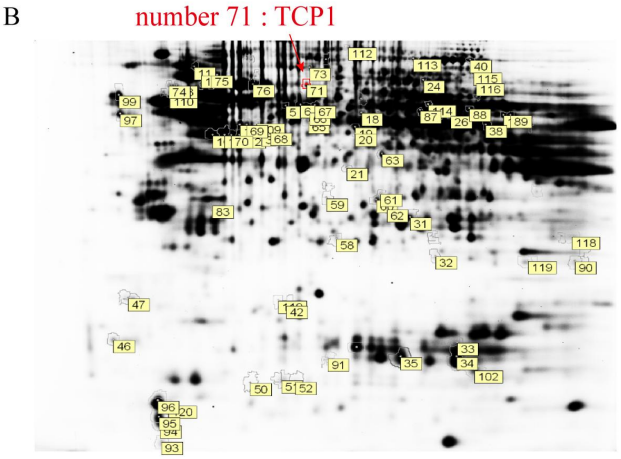
Antibody	Company	Cat. No.	Species	Dilution
TCP-1 alpha	Abcam	ab92587	Rabbit	1:1000
p-AKT (Ser473)	Cell signaling	4060	Rabbit	1:1000
p-GSK-3 β (Ser9)	Cell signaling	5558	Rabbit	1:1000
p-c-Myc (Thr58)	Cell signaling	46650	Rabbit	1:1000
GSK-3β	Cell signaling	12456	Rabbit	1:1000
p-ERK1/2	Cell signaling	4370	Rabbit	1:1000
AKT	Proteintech	10176-2-AP	Rabbit	1:1000
c-Myc	Proteintech	10828-1-AP	Rabbit	1:1000
ERK1/2	Proteintech	11257-1-AP	Rabbit	1:1000
p-c-Myc (Ser62)	ABclonal	AP0989	Rabbit	1:1000
p-GSK-3β (Tyr216)	ABclonal	AP0261	Rabbit	1:1000
GAPDH	TransGen Biotech	HC301-01	Mouse	1:5000

Table S2. Primers used for qRT-PCR

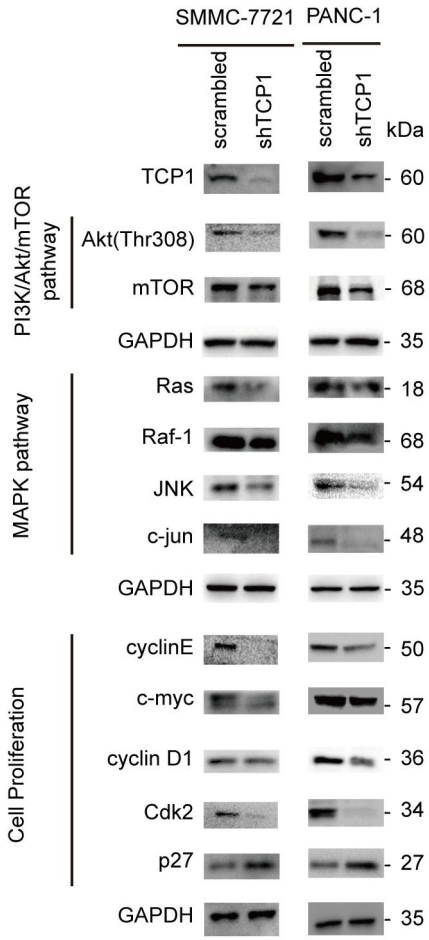
TCP1	Forward	TCTCTTGGTCCAGTTGGCTTG
	Reverse	GATATAACGCACTGCTTCCTTGC
c-Myc	Forward	CTCTCCGTCCTCGGATTCTC
	Reverse	ATCTTCTTGTTCCTCCTCAGAGTC
GAPDH	Forward	ACTAGGCGCTCACTGTTCTC
	Reverse	GATCTCGCTCCTGGAAGATGG

Supplementary Figure 1





Supplementary Figure 2



Supplementary figure legends

Supplementary Figure 1. TCP1 was selected in HL-60 cells with high tumorigenic potential. **a.** Differentially expressed protein spots marked with master numbers displayed in 2D-DIGE images. The arrows indicate the 33 significantly upregulated protein spots (marked with master numbers) and 54 downregulated protein spots (marked with master numbers) displayed in 2D-DIGE images. **b.** Proteomic analysis of HL-60 cells using 2D-DIGE. The arrows indicate protein spots that differed significantly between the HL-60 cells and the control cells. Relative spot intensity was calculated on the basis of the spot volume. Only the spots indicated with arrows were used for identification.

Supplementary Figure 2. TCP1 regulates multiple cancer driving signaling pathways in HCC and PDAC cells. SMMC-7721 and PANC-1 cells were infected with lentiviruses expressing control or TCP1 shRNA, then cell lysates were subjected to Western blot analysis with antibodies against various proteins indicated. The levels of proteins in PI3K/Akt pathway, MAPK pathway and the key genes of cell proliferation were detected.