



**Figure S1. SIX1 degradation inducer results in apoptosis of PC cells. (A)** Images of flowcytometry for apoptosis assay in PC cells exposed to SNS-032 for 24 h. **(B)** Immunofluorescence assays for cleaved-Caspase 3 in PC3 cells. Scale bar, 50  $\mu\text{m}$ . **(C)** Apoptosis assay was performed in 22Rv1 cells exposed to si-SIX1, si-USP1 or control siRNAs for 48 h. Quantification of cell death was shown.

**Table S1. PCR primers used in this study.**

Gene	ACTB	GLUT1	LDHA	HK2	USP1	SIX1
Primer forward	5'-CATGTA CGTTGCT ATCCAG GC-3'	5'-CATCC CATGGT TCATCG TGGCTG AACT-3'	5'-ATGGCA ACTCTAA GGATCA-3'	5'-GCCAT CCTGCA ACACTT AGGGCT TGAG-3'	5'-CCAAT GAGAGC GGAAGG AGG-3'	5'-CGCG CACAA CCCTAC CCATCG CC-3'
Primer reverse	5'-CTCCT TAATGTC ACGCAC GAT -3'	5'-GAAGT AGGTGA AGATGA AGAAC AGAAC-3'	5'-GCAAC TTGCAGT TCGGGC-3'	5'-GTGAG GATGTAG CTTG TAG AGGGTC CC-3'	5'-CACCAA TTATATCT AGACCAA AGCC-3'	5'-CTTCC A GAGGAG AGAGTT G GTTCTG- 3'
Accession number	NM_001101.5	NM_006516.4	NM_005566.4	NM_000189.5	NM_0010174 15.2	NM_005982 .4
Amplicon size	250 bp	196 bp	400 bp	207 bp	151 bp	194 bp
Amplified target	Non-exon spanning	Non-exon spanning	Exon spanning	Exon spanning	Non-exon spanning	Exon spanning