

Method

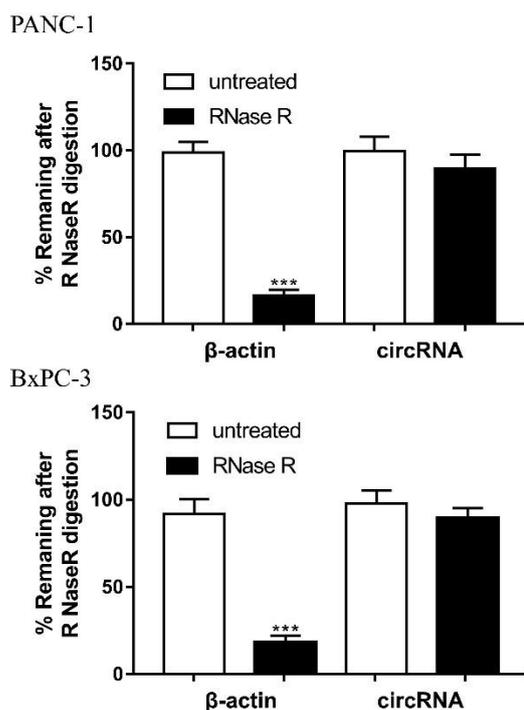
RNase R Treatment Assay

2 mg total RNA was incubated with or without 3 U/mg of RNase R (Epicenter Technologies) for 30 min at 37°C. Then, qRT-PCR was performed to detect the expression levels of has_circ_0074298 and linear β -actin as negative control.

Table S1 miRNA binding sites to has_circ_0074298 (pairing sites marked as red)

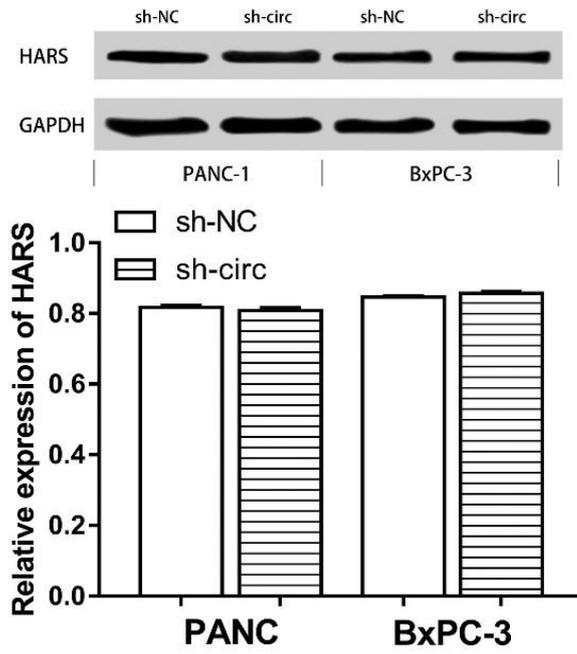
miRNA	Binding site
hsa-miR-519d	5'- CAAAGUGCCUCCCUUUAGAGUG-3'
hsa-miR-582-3p	5'- UAACUGGUUGAACAAACUGAAC-3'
hsa-miR-510	5'- UACUCAGGAGAGUGGCAAUCAC-3'
hsa-miR-497	5'- CAGCAGCACACUGUGGUUUGU-3'
hsa-miR-503	5'- UAGCAGCGGGAACAGUUCUGCAG-3'
hsa-miR-515-3p	5'- GAGUGCCUUCUUUUGGAGCGUU-3'
hsa-miR-532-3p	5'-CCUCCCACACCCAAGGCUUGCA-3'
hsa-miR-572	5'-GUCCGCUCGGCGGUGGCCCA-3'
hsa-miR-578	5'- CUUCUUGUGCUCUAGGAUUGU -3'
hsa-miR-548p	5'- UAGCAAAAACUCGCAGUUACUUU -3'
hsa-miR-615-5p	5'- GGGGUCCCCGGUGCUCGGAUC -3'
hsa-miR-769-3p	5'- CUGGGAUCUCCGGGUCUUGGUU -3'

Figure S1 Detection of has_circ_0074298 expressions before and after RNase R treatment by qRT-PCR



Treatment of RNase R to confirm the circular characteristics of has_circ_0074298. (**P<0.001)

Figure S2 Western blot of HARS expression affected by hsa_circ_0074298 knockdown



The impact of sh-circ0074298 on the expression of HARS protein in PANC-1 and BxPC-3 cells.