

## SUPPLEMENTARY TABLES

**Supplementary Table 1. shRNA sequences of NAP1L1.**

NO.	5'	STEM	Loop	STEM	3'
NAP1L1-RNAi(78814)-a	Ccgg	gcCAAGATTGAAGA TGAGAAA	CTCGAG	TTTCTCATCTTCA ATCTTGGC	TTTTTg
NAP1L1-RNAi(78814)-b	aattcaaaaa	gcCAAGATTGAAGA TGAGAAA	CTCGAG	TTTCTCATCTTCA ATCTTGGC	
NAP1L1-RNAi(78815)-a	Ccgg	TTGATAAGCGATTT GAAATTA	CTCGAG	TAATTTCAAATCG CTTATCAA	TTTTTg
NAP1L1-RNAi(78815)-b	aattcaaaaa	TTGATAAGCGATTT GAAATTA	CTCGAG	TAATTTCAAATCG CTTATCAA	
NAP1L1-RNAi(78816)-a	Ccgg	TTCCAATGACTCTT TCTTTAA	CTCGAG	TTAAAGAAAGAG TCATTGGAA	TTTTTg
NAP1L1-RNAi(78816)-b	aattcaaaaa	TTCCAATGACTCTT TCTTTAA	CTCGAG	TTAAAGAAAGAG TCATTGGAA	

**Supplementary Table 2. siRNA sequences of NAP1L1 and HDGF.**

Gene	NO	Target Sequence
NAP1L1	genOFFTM st-h-NAP1L1_001	GAAGTATGCTGTTCTCTAT
	genOFFTM st-h-NAP1L1_002	CCAACAGGATACATTGAAA
	genOFFTM st-h-NAP1L1_003	GACAGTTCGTA CTGTGACT
HDGF	HDGF-RNAi-1	5'GAAACGAGAUCGAAUGCAC dTdT 3'
	HDGF-RNAi-2	5'CUCAAGCGUUUCCUCCUUA dTdT 3'
	HDGF-RNAi-3	5'CCAUACGAUUGACGAGAUG dTdT 3'

**Supplementary Table 3. The primers used in this study.**

Primers name		Sequence (5'-3')
NAP1L1	Forward	TTTGCCCTCCTGAAGTTCC
	Reverse	CCCAACACA ACTTGAGACATCC
HDGF	Forward	ATCAACAGCCAACAAATACC
	Reverse	TTCTTATCACC GTCACCCT
c-JUN	Forward	TCAGACAGTGCCC GAGATG
	Reverse	CTGCTGCGTTAGCATGAGTT
GAPDH	Forward	CATGGGTGTGAACCATGAGA
	Reverse	GTCTTCTGGGTGGCAGTGAT

**Supplementary Table 4. A list of antibodies used for WB, IF, CoIP and IHC.**

<b>Antibody</b>	<b>Cat. No</b>	<b>Company</b>	<b>Species</b>	<b>Dilution</b>
NAP1L1	mAb ab 178687	Abcam	Rabbit	1:1000(WB); 1:200(IF); 1:20(CoIP)
NAP1L1	ab 33076	Abcam	Rabbit	1:1000(WB); 1:100(IF); 1:300(IHC)
NAP1L1	pAb #14898-1-AP	Proteintech	Rabbit	1:1000(WB); 1:100(IF); 1:300(IHC)
HDGF	mAb #60064-1-Ig	Proteintech	Mouse	1:1000(WB); 1:50(IF); 1:10(CoIP)
HDGF	pAb 11344-1-AP	Proteintech	Rabbit	1:1000(WB); 1:200(IHC)
c-Jun	mAb #9165	Cell Signaling	Rabbit	1:1000(WB); 1:50(IF); 1:10(CoIP)
c-Jun	24909-1-AP	Proteintech	Rabbit	1:1000(WB); 1:100(IF); 1:10(CoIP)
c-Jun	28891-1-AP	Proteintech	Mouse	1:1000(WB); 1:100(IF); 1:10(CoIP)
CCND1	mAb #6086-1-Ig	Proteintech	Mouse	1:1000(WB)
PCNA	mAb #13110	Cell Signaling	Rabbit	1:300(IHC)
GAPDH	pAb AP0063	Bioworld	Rabbit	1:1000(WB)
BCL2	ab182858	Abcam	Rabbit	1:1000(WB)
Ki-67	Ab16667	Abcam	Mouse	1:200(IHC)
CDK4	ab199728	Abcam	Rabbit	1:1000(WB)
CDK6	ab241554	Abcam	Mouse	1:1000(WB)
Cleaved Caspase3	Ab214430	Abcam	Rabbit	1:1000(WB)