





Table S1. Antibodies used in the experiments.

Antibody	Source	No. of Catalogue	Dilution		
			WB	IHC	IF
N ⁶ -Methyladenoe	Abcam, USA	220161	1:1000	1:100	
YTHDF3	abcam, USA	190886	1:1000	1:500	1:200
LRP6	Cell Signaling Technology, USA	2560T	1:1000		
LRP6	ABcolonal,China	A13324		1:800	
E-cadherin	Cell Signaling Technology, USA	3195	1:1000		
Vimentin	Protein tech, China	5741	1:1000		
N-cadherin	Protein tech, China	22018-1-AP	1:1000		
p-YAP	Cell Signaling Technology, USA	13008T	1:1000		
YAP	Protein tech, China	135841-1-AP	1:1000	1:400	
PROX1	ABcolonal,China	A9047		1:400	
VEGF-C	ABcolonal,China	A12530		1:500	
GAPDH	YESEN, China	30201ES60	1:5000		
β -actin	YESEN, China	30101ES60	1:5000		
ki-67	Bioss, China	bsm-51754M		1:800	
ACC1	Protein tech, China	21923	1:1000		
FASN	Protein tech, China	10624	1:1000		

Abbreviations: WB: Western blot; IHC: Immunohistochemistry; IF: Immunofluorescence

Table S2. Primers used in the experiments

Gene name		Primer sequence	Application
YTHDF3	F	5'-GGTGCCTGGCATTAGCAGTA-3'	qRT-PCR
	R	5'-CTGGGGGCACACTATTGGTT-3'	
LRP6	F	5'-CCTTGACGTGCCCTTTCTT-3'	qRT-PCR
	R	5'-CCAATCGCAAGTCCCGTCT-3'	
GAPDH	F	5'-AGAAGGCTGGGGCTCATTG-3'	qRT-PCR
	R	5'-AGGGGCCATCCACAGTCTTC-3'	
E-Cadherin	F	5'-ATGCAGAACTGGCATCCTCA-3'	qRT-PCR
	R	5'-AGTCTCGGACACTTCCACT-3'	
N-Cadherin	F	5'-GTTCATACCCTTGTCCTGG-3'	qRT-PCR
	R	5'-CCTGGGCAGTGTAGGATGTG-3'	
Vimentin	F	5'-AAACTTAGGGGCGCTCTGT-3'	qRT-PCR
	R	5'-GAGGGCTCCTAGCGGTTAG-3'	
Snail	F	5'-TAGCGAGTGGTTCTTCTGCG-3'	qRT-PCR
	R	5'-AGGGCTGCTGGAAGGTAAAC-3'	
VEGF-C	F	5'-GAGGAGCAGTTACGGTCTGTG-3'	qRT-PCR
	R	5'-TCCTTTCCTTAGCTGACACTGT-3'	
YAP	F	5'-TAGCCCTGCGTAGCCAGTTA-3'	qRT-PCR
	R	5'-TCATGCTTAGTCCACTGTCTGT-3'	
ACC1	F	5'-ATGTCTGGCTTGACACCTAGTA-3'	qRT-PCR
	R	5'-CCCCAAAGCGAGTAACAAATTCT-3'	
ACOX1	F	5-GGCGCATACATGAAGGAGACCT-3'	qRT-PCR
	R	5-AGGTGAAAGCCTTCAGTCCAGC-3'	
FASN	F	5'-AAGGACCTGTCTAGGTTTGATGC-3'	qRT-PCR
	R	5'-TGGCTTCATAGGTGACTTCCA-3'	
HSL	F	5'-TCAGTGCTTAGGTCAGACTGG-3'	qRT-PCR
	R	5'-AGGCTTCTGTTGGGTATTGGA-3'	
ACLY	F	5'-GGACTTCGGCAGAGGTAGAG-3'	qRT-PCR
	R	5'-TGATCAGCTGGTCTGGCTTG-3'	
CPT1A	F	5'-ATGACGGCTATGGTGTGTCG-3'	qRT-PCR
	R	5'-TTCCAGCCCAGCACATGAAC-3'	
CCDN1	F	5'-GATGCCAACCTCCTCAACGA-3'	qRT-PCR
	R	5'-GGAAGCGGTCCAGGTAGTTC-3'	
GPAT4	F	5'-CTCCCCAAGTCCCAGCTTTG-3'	qRT-PCR
	R	5'-CATACTGCGAGTGTGAGTG-3'	
si-SREBF1#2	anti-sense	CGGAGAAGCTGCCTATCAA	si-RNA
si-SREBF1#3	anti-sense	CAGCCCTGGTCTACCATAA	si-RNA
sh-LRP6	shRNA	CCTGCCCACTACTCTCTTAAT	sh-RNA
sh-YTHDF3	shRNA	CGGCATATTCGCTTAGAAA	sh-RNA
YTHDF3	sgRNA-1	tgggtatttagtcaacctg	sgRNA
YTHDF3	sgRNA-2	tggtagctectctgaacag	sgRNA
LRP6	F	5'-TCCTGGTCAGTGATGCCTT-3'	MeRIP-qPCR
	R	5'-CTCCTCTGACTGCCTCCAAC-3'	

LRP6	F	5'-ACACAGACCAAGAGGCAATT-3'	RIP-qPCR
	R	5'-AACCGTTCCCCAATCACA-3'	

Abbreviations: F: Forward; R: Reverse; qRT-PCR: quantitative real-time PCR; RIP: RNA binding protein immunoprecipitation; MeRIP: Methylated RNA immunoprecipitation; si-RNA: Small interfering-RNA; sh-RNA: Short hairpin-RNA