

Supplementary tables

Norepinephrine-CREB1-miR-373 axis promotes colon cancer growth**Table S1. Sequences of interference oligonucleotides.**

Name	Sequence
NC	sense: UUCUCCGAACGUGUCACGUTT antisense: ACGUGACACGUUCGGAGAATT
siCREB1-1	sense: GCAGCUCGAGAGUGUCGUATT antisense: UACGACACUCUCGAGCUGCTT
siCREB1-2	sense: GCGAAGGGAAAUUCUUUCATT antisense: UGAAAGAAUUUCCCUUCGCTT
mNC	CAGUACUUUUGUGUAGUACAA
miR-373 inhibitor	ACACCCCAAAAUCGAAGCACUUC

Table S2. Primers for qRT-PCR.

Primer name	Sequence
miR-373-3P RT	GTCGTATCCAGTGCCTGTCTCGTGGAGTCGG CAATTGCACTGGATACGACACACCCCAA
miR-373-3P F	ATCCAGTGCGTGTCTCGTGG
miR-373-3P R	AGCCTGAAGTGCTTCGATT
u6 RT	CGCTTCACGAATTTGCGTGTCTCAT
u6 F	GCTTCGGCAGCACATATACTAAAAT
u6 R	CGCTTCACGAATTTGCGTGTCTCAT
CREB1-F	TTCTCCGGAACACAGATTTCA
CREB1-R	TGTCCATCAGTGGTCTGTGC
β -actin F	CCAACCGCGAGAAGATGA
β -actin R	CCAGAGGCGTACAGGGATAG
TIMP2-F	TAGTGATCAGGGCCAAAGCG
TIMP2-R	AGGGCACGATGAAGTCACAG
APC-F	CTCGGAAATGGGGTCCAAGG
APC-R	GGAGGGACATTTTTGACCGC

Table S3. primer pairs used in ChIP assay.

primer pair	sequence
primer pair 1-F	GTTGAGTGGATGACTGGTGGAA
Primer pair 1-R	ACCCTGCTCCCTTTGATCCTA
primer pair 2-F	AGCTGCAGTGAACCTTGTCTT
primer pair 2-R	CAATACTCACAGAGGCCAATGA
primer pair 3-F	AGTGGAAAGTGCTGCGACAT
primer pair 3-R	TTCCGGAGCCATTACAGCC
primer pair 4-F	CCAAGGGGCTGTATGCACAA

primer pair 4-R GGTTGGCCTCCAATCATCCA

Table S4. Insert sequence of pGL3-promoter plasmids

	Plasmid name	Sequence
primer pair 2 region	pGL-2-wt	AGACCTGAGGTGTGG <u>ACGTATCATTGGCCTCTGTGAG</u> TATTGCTATGTTATTTTATTTTCTTTTCATTTTACTTTATTTT TTAGGGTCAGGATCTCACTGTCGCC <u>AGGATGAAGTG</u> <u>CACAGGTAGGATGATGGCGCCTTGCAGCCTCGACCTC</u> GGGACTCACCTTTTAGCCTCCAGT
	pGL-2-mt	AGACCTGAGGTGTGG <u>cacTATCATTGGCCTCTGTGAGT</u> ATTGCTATGTTATTTTATTTTCTTTTCATTTTACTTTATTTT TAGGGTCAGGATCTCACTGTCGCC <u>AGGaggTAGacCA</u> CAGGTAGGA <u>ccgTGGCGCCTTGCAGCCTCGACCTCCT</u> GGGACTCACCTTTTAGCCTCCAGT
primer pair 3 region	pGL-3-wt	GTGGAAAGTGCTGCGACATTTGAG <u>CGTCA</u> CCGGT <u>GAC</u> GCCCATATCAACGGATGCCGTGGAGCTCGGTCTTCTG CAGG
	pGL-3-mt	GTGGAAAGTGCTGCGACATTTGAG <u>tgatCCGGtcta</u> CCCA TATCAACGGATGCCGTGGAGCTCGGTCTTCTGCAGG

Table S5. Insert sequences of pmirGLO plasmids.

Plasmid name	Sequence
APC-WT	CTCATCCCTTCCTCGAGTAAGCACTTGGACTGTACAATAGAAGCAGA ATTAGATGCTCAGCACTTAGCTAGTCAGAGTGAAGTATAATCAGCACT TTAGCAGATCGCAAGCCCTAGGAAAAGCAGCGCAGATAGCACTTCAT GACTCGTGATGCTCTATGAAAGGCTGCATGAGAGCACTTGTCTAGAT CGAGTACCTAAAAATAAAGCACCTAC
APC-MT	CTCATCCCTTCCTCGAGTAACTGTTGGACTGTACAATAGAAGCAGAA TTAGATGCTCACTGTTAGCTAGTCAGAGTGAAGTATAACTACTGTTA GCAGATCGCAAGCCCTAGGAAAAGCAGCGCAGATACTGTTTCATGAC TCGTGATGCTCTATGAAAGGCTGCATGAGACTGTTGTCTAGATCGAG TACCTAAAAAACTGCCTAC
TIMP2-WT	CCGTCACAGATGCCAAGCAGGCAGCACTTAACGAGATCGCTTTCTG CATCGTGGAAGCATTGTC
TIMP2-MT	CCGTCACAGATGCCAAGCAGGCAGCACTGTTAACGAGATCGCTTTCTGC ATCGTGATTCAATTGTC