

Supplementary Table 1. The details of the clinicopathological parameters of all the participants.

Factors	Phase III			P-value
	CRC (n=30)	AA (n=33)	HC (n=20)	
Age, year	65.40±10.10	60.27±10.07	61.40±8.15	0.10
Gender				
Male	21(70%)	25(75.76%)	17(85.00%)	0.48
Female	9(30%)	8(24.24%)	3 (15.00%)	
Lymph node metastasis				
Present	9(30%)	/	/	
Absence	21(70%)	/	/	
TNM stage				
I-II	20(66.67%)	/	/	
III-IV	10(33.33%)	/	/	
Histology				
SSA	0(0%)	1(3.03%)	/	
TA	0(0%)	18(54.55%)	/	
TVA	0(0%)	14(42.42%)	/	
Adenocarcinoma	30(100%)		/	

Abbreviation: CRC, colorectal cancer; AA, advanced adenoma; HC, healthy control; SSA, sessile serrated adenoma; tubular adenoma, TA; TVA, tubulovillous adenoma.

Supplementary Table 2. The Oligonucleotide sequences used for cell transfection.

Primers	Classification	Sequence (5' -3')
miR-627-5p mimics	F	5'-CCCAGUGUUCAGACUACCUGUUC-3'
	R	5'-ACAGGUAGUCUGAACACUGGGUU-3'
mimics NC	F	5'-UUCUCCGAACGUGUCACGUTT-3'
	R	5'-ACGUGACACGUUCGGAGAATT-3'
pcDNA-Wnt2	F	5'-ATGAACGCCCTCTCGGT-3'
	R	5'-TCATGTAGCGGTTGTCCAGTCA-3'
pcDNA-NC	F	5'-UUCUCCGAACGUGUCACGUTT-3'
	R	5'-ACGUGACACGUUCGGAGAATT-3'

Abbreviation: F, forward; R, reverse; NC, negative control.

Supplementary Table 3. The primer sequences used for quantitative real-time PCR

Primers	Classification	Sequence (5' - 3')
miR-627-5p	F	CAGTGCAGGGTCCGAGGTAT
	R	GTGAGTCTCTAAGAAAAGAGGAGTCGT
	RT	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATAC GACTCCTCTTT
GAPDH	F	TCAAGAAGGTGGTGAAGCAGG
	R	GCGTCAAAGGTGGAGGAGTG
CD44	F	ACAACGCAGCAGAGTAATTCTCAGAG
	R	TCTTCTTCCACCTGTGACATCATTCC
C-myc	F	AGAAGGCAGGTGAGAAGGTGAGAG
	R	TGGTTGTGAAGGCAGCAGAAGC
CyclinD1	F	GAAGGAGACCATCCCCCTGA
	R	CAATGAAATCGTGCGGGGTC
Wnt2	F	TCTCGGTGGAATCTGGCTCTGG
	R	CTAATGGCACGCATCACATCTGGAT
β-catenin	F	ATGCCATTACAACCTCTCCACAACCTT
	R	AGACAGATAGCACCTTCAGCACTCT

Abbreviation: F, forward; R, reverse; RT, reverse transcription.