



Figure S1 Partial target gene analysis of OS in COAD patients. The relationship between OS and the expression of some target genes in COAD patients was analyzed. COAD, colon adenocarcinoma; OS, overall survival.

Table S1 Sixteen miRNAs known to be associated with necroptosis

Necroptosis-associated miRNAs

miR-495

miR-331-3p

miR-15a

miR-148a-3p

miR-7-5p

miR-141-3p

miR-425-5p

miR-200a-5p

miR-210

miR-223-3p

miR-500a-3p

miR-181-5p

miR-16-5p

miR-371-5p

miR-373

miR-543

Table S2 The primer sequences of necroptosis -related prognostic miRNAs

	has-miR-141-3p	has-miR-148a-3p	has-miR-16-5p	has-miR-200a-5p	has-miR-223-3p	has-miR-425-5p	has-miR-7-5p	U6
forward	5'- TCCCACCCAGTGCGATTGTC-3'	5'-TCAGTGCACTACAGAACTTTGT-3	5'-GCCCTTCGTCGTTAGA-3'	5'-GGCTAACACTGTCTGGTAACGATG-3'	5'-AGCTGGTGTGTGAATCAGGCCG-3'	5'-TGCGGAATGACACGATCACTCCCG-3'	5'-CCACGTTGGAAGACTAGTGATT-3'	5'-CGCTTCGGCAGCACATATAC-3'
reverse	5'- GTTGCTGGGAGGCTAAGATGAG-3'	5'-GCTGTCAACGATACGCTACG-3'	5'-GTGCAGGGTCCGAGGT-3'	5'-GTGCAGGGTCCGAGGT-3'	5'-TGGTGTCTGGAGTCG-3'	5'-CCAGTGCAGGGTCCGAGGT-3	5'-TATGGTTGTTCTGCTCTGTCTC-3'	5'-CAGGGCCATGCTAATCTT-3'

Table S3 Expression of 7 miRNAs with significant expression difference between colon cancer and normal tissues

gene	group1mea	group2mea	logFC	p	FDR
hsa-miR-141-3p	4.802798	11.3477	1.240452	1.23E-06	3.25E-06
hsa-miR-148a-3p	12.21785	17.32932	0.504224	1.25E-06	3.25E-06
hsa-miR-16-5p	5.155349	10.69774	1.053164	1.23E-06	3.25E-06
hsa-miR-200a-5p	10.0464	12.21582	0.282072	1.47E-05	2.21E-05
hsa-miR-223-3p	5.636136	9.502325	0.753574	2.85E-06	5.12E-06
hsa-miR-425-5p	7.601362	9.751484	0.359364	5.39E-05	6.93E-05
hsa-miR-7-5p	0	4.848034	Inf	1.44E-06	3.25E-06