

Supplementary Table 1 Primers for ribonucleic acids molecules used for polymerase chain reaction analysis

Names	Sequence (5'-3')
Hsa_circ_0011536	
Forward	CCTGACAATGCTCAAGTGGTGGTAT
Reverse	AGATCCTGTTTGATTCCGGCATTCCAT
Hsa_circ_0000375	
Forward	CTGACTTGGGAGGAGACTGAGGAG
Reverse	CTCGTTGATGCTGAGGGCTGTG
Hsa-miR-1182	
Stem-loop RT-primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGTCACA TC
Forward	GAGGGTCTTGGGAGGGATGTG
Reverse	CAGTGCAGGGTCCGAGGTAT
Hsa-miR-1246	
Stem-loop RT-primer	GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCCTGCT CC
Forward	AATGGATTTTTGGAGCAGGGTTCG
Reverse	CAGTGCAGGGTCCGAGGTAT
GAPDH	
Forward	TCAAGAAGGTGGTGAAGCAGG

Reverse	GCGTCAAAGGTGGAGGAGTG
U6	
Forward	CTCGCTTCGGCAGCACA
Reverse	AACGCTTCACGAATTTGCGT

Supplementary Table 2 Associations between the levels of the 2 circular ribonucleic acids in serum from colorectal cancer patients and clinicopathological features

	<i>n</i>	Circ_0000375		<i>P</i> value	Circ_0011536		<i>P</i> value
		Low expression	High expression		Low expression	High expression	
Age (yr)				0.440			0.757
≤ 65	24	13	11		11	13	
> 65	32	14	18		16	16	
Gender				0.640			0.487
Female	17	9	8		7	10	
Male	39	18	21		20	19	
TNM stage				0.611			0.611
I - II	25	13	12		13	12	
III-IV	31	14	17		14	17	
Tumor size				0.992			0.586
≤ 5cm	29	14	15		15	14	
> 5cm	27	13	14		12	15	
Tumor location				0.534			0.629
Colon	21	9	12		11	10	
Rectum	35	18	17		16	19	

Lymph	node				0.945			0.629
metastasis								
No		35	17	18		16		19
Yes		21	10	11		11		10

Supplementary Table 3 Target genes of miR-1182 and miR-1246 predicted using three databases

miRNA	Gene	miRDB	miRTarBase	TargetScan	Sum
miR-1182	<i>MTRNR2L8</i>	Yes	Yes	Yes	3
miR-1182	<i>TRIM25</i>	Yes	Yes	Yes	3
miR-1182	<i>DIRC2</i>	Yes	Yes	Yes	3
miR-1182	<i>ZNF609</i>	Yes	Yes	Yes	3
miR-1182	<i>GTF3C4</i>	Yes	Yes	Yes	3
miR-1182	<i>ARID1A</i>	Yes	Yes	Yes	3
miR-1182	<i>DARS</i>	Yes	Yes	Yes	3
miR-1182	<i>MAVS</i>	Yes	Yes	Yes	3
miR-1246	<i>DYRK1A</i>	Yes	Yes	Yes	3
miR-1246	<i>GSK3B</i>	Yes	Yes	Yes	3
miR-1246	<i>AXIN2</i>	Yes	Yes	Yes	3
miR-1246	<i>CRADD</i>	Yes	Yes	Yes	3
miR-1246	<i>KIAA0895</i>	Yes	Yes	Yes	3
miR-1246	<i>GPATCH11</i>	Yes	Yes	Yes	3
miR-1246	<i>CALM2</i>	Yes	Yes	Yes	3
miR-1246	<i>CKS2</i>	Yes	Yes	Yes	3
miR-1246	<i>SKIL</i>	Yes	Yes	Yes	3
miR-1246	<i>RORA</i>	Yes	Yes	Yes	3

miR-1246	<i>ZNF502</i>	Yes	Yes	Yes	3
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