

Supplemental Table 1. The clinical pathological features of CRC samples

Gender	Number
Male	20 (45.5%)
Female	24 (54.5%)
Age (years)	
<50	10(22.7%)
≥50	34(77.3%)
Location	
Colon	23(52.3%)
Rectal	21(47.7%)
Clinical Stages	
II	23(52.3%)
III	14(31.8%)
IV	7(15.9%)
Grades	
1	13(29.5%)
2	24(54.5%)
3	7(15.9%)
Pathologic Type	
Adenocarcinoma	36(81.8%)
Mucinous Adenocarcinoma	8(18.2%)

Supplemental Table 2. The Primer sequences of DNA sensors (human)

Genes (Human)	Sequences (5'-3')
AIM2	(F): TGG CAA AAC GTC TTC AGG AGG (R): AGC TTG ACT TAG TGG CTT TGG
STING	(F): CCA GAG CAC ACT CTC CGG TA (R): CGC ATT TGG GAG GGA GTA GTA
DHX9	(F): CGA ACC ATC TCA GCG ACA AAA (R): TGA GGT CCA TGC TTA TTT GCT C
DDX41	(F): GTG CCC TAT GTG CCG TTA C (R): GGC TGA CGT TGG ACT GAG G
DDX60	(F): CAG CTC CAA TGA AAT GGT GCC (R): CTC AGG GGT TTA TGA GAA TGC C
TLR9	(F): CTG CCT TCC TAC CCT GTG AG (R): GGA TGC GGT TGG AGG ACA A
DAI	(F): AAC ATG CAG CTA CAA TTC CAG A (R): AGT CTC GGT TCA CAT CTT TGC
IFI16	(F): AGA CTG AAG ACT GAA CCT GAA GA (R): GAA CCC ATT GCG GCA AAC ATA
DHX36	(F): GGG TCA TGG AGG TAA CCG AG (R): CTC TCC GCT TCC TTG TTC TTC
β-actin	(F): CTC CTT AAT GTC ACG CAC GAT (R): CAT GTA CGT TGC TAT CCA GGC

Supplemental Table 3. The Primer sequences of DNA sensors (mouse)

Genes (Mouse)	Sequences (5'-3')
AIM2	(F): GTC ACC AGT TCC TCA GTT GTG (R): CAC CTC CAT TGT CCC TGT TTT AT
STING	(F): GGT CAC CGC TCC AAA TAT GTA G (R): CAG TAG TCC AAG TTC GTG CGA
DHX9	(F): TAT CGT GGT ATG GGC AAT TCC A (R): GTG TCG CTA AGT ATG GGT GGG
DDX41	(F): AGT CCG CCA AGG AAA AGC AA (R): CTC AGA CAT GCT CAG GAC ATA AC
DDX60	(F): TTC CAC TGC CCA AAA TAG GAA AA (R): GCC AGC AAC ATG AGT CTT AGG AT
TLR9	(F): ATG GTT CTC CGT CGA AGG ACT (R): GAG GCT TCA GCT CAC AGG G
DAI	(F): AAG AGT CCC CTG CGA TTA TTT G (R): TCT GGA TGG CGT TTG AAT TGG
IFI204	(F): AAA GAG ACA ACC AAG AGC AAT ACA CC (R): GAA TGT TAG ATG AAG CCG AAG ATG AG
DHX36	(F): ATG GAT GAA CGT CGA GAA GAG C (R): ATA CCC ATG ATC CTC AGG AGC
β-actin	(F): CAG CTT CTT TGC AGC TCC TT (R): CAC GAT GGA GGG GAA TAC AG