

**Table SI. Analysis of eight differentially expressed genes in stool specimen of 11 cases using the Mann-Whitney U test.**

Gene	U	Z	P-value
UBE2N	6.0	-1.643	0.100
AKIRIN1	7.5	-1.372	0.170
IMPDH1	0.0	-2.810	0.005
SLC15A4	0.0	-2.803	0.005
DYNC1LI1	2.0	-2.379	0.017
HRASLS2	0.0	-2.739	0.006
APOA1	8.0	-1.290	0.197
STK17B	5.5	-1.738	0.082

The 11 included five healthy donors and six patients with colorectal cancer. UBE2N, ubiquitin-conjugating enzyme E2N; AKIRIN1, akirin 1; IMPDH1, inosine monophosphate dehydrogenase 1; SLC15A4, solute carrier family 15, member 4; DYNC1LI1, dynein, cytoplasmic 1 light intermediate chain 1; HRASLS2, phospholipase A and acyltransferase 2; APOA1, apolipoprotein A-I; STK17B, serine/threonine kinase 17b.

<b>Table SII. ProbCRC in the HCRT104 cDNA array.</b>		
AJCC stage (no. of samples)	Mean ProbCRC	Range
Normal (8)	0.459	0.042-0.740
I (5)	0.926	0.896-0.969
II (9)	0.895	0.535-0.995
III (16)	0.881	0.641-0.992
IV (10)	0.973	0.924-0.997

ProbCRC, the probability of colorectal cancer; HCRT104 cDNA array, acquired from OriGene Technologies, Inc.

<b>Table SIII. Numbers of cases with positive and negative predictive values from the HCRT104 cDNA array.</b>			
CRC or non-CRC (no. of samples)	ProbCRC		Total
	$\leq 0.540$	$> 0.540$	
Non-CRC (8)	5	3	8
CRC (40)	1	39	40
Total	6	42	48

ProbCRC, the probability of colorectal cancer; HCRT104 cDNA array, acquired from OriGene Technologies, Inc.

<b>Table SIV. Analysis of four genes for non-CRC and CRC in the HCRT104 cDNA array using the Mann-Whitney U test.</b>			
Gene	U	Z	P-value
HRASLS2	12.5	-4.118	<0.001
UBE2N	76.0	-2.324	0.020
IMPDH1	82.5	-2.144	0.032
DYNC1LI1	129.5	-0.844	0.399

Non-CRC, n=8; CRC, n=40. CRC, colorectal cancer; HRASLS2, phospholipase A and acyltransferase 2; UBE2N, ubiquitin-conjugating enzyme E2N; IMPDH1, inosine monophosphate dehydrogenase 1; DYNC1LI1, dynein, cytoplasmic 1 light intermediate chain 1.