

Table 1 Baseline characteristics of the 644 CRC patients from TCGA data base

Characteristics	Expression of RAD18			Expression of Rev1			Expression of Rev3L			Expression of Rev7		
	Low	High	P value	Low	High	P value	Low	High	P value	Low	High	P value
n	322	322		322	322		322	322		322	322	
Gender, n (%)			0.477			0.693			0.385			0.236
Female	146 (22.7%)	155 (24.1%)		153 (23.8%)	148 (23%)		145 (22.5%)	156 (24.2%)		158 (24.5%)	143 (22.2%)	
Male	176 (27.3%)	167 (25.9%)		169 (26.2%)	174 (27%)		177 (27.5%)	166 (25.8%)		164 (25.5%)	179 (27.8%)	
Age, n (%)			0.524			0.152			0.038			0.750
<= 65	134 (20.8%)	142 (22%)		129 (20%)	147 (22.8%)		125 (19.4%)	151 (23.4%)		136 (21.1%)	140 (21.7%)	
> 65	188 (29.2%)	180 (28%)		193 (30%)	175 (27.2%)		197 (30.6%)	171 (26.6%)		186 (28.9%)	182 (28.3%)	
Pathologic T stage, n (%)			0.882			0.545			0.427			0.127
T1	11 (1.7%)	9 (1.4%)		13 (2%)	7 (1.1%)		13 (2%)	7 (1.1%)		7 (1.1%)	13 (2%)	
T2	53 (8.3%)	58 (9%)		57 (8.9%)	54 (8.4%)		54 (8.4%)	57 (8.9%)		56 (8.7%)	55 (8.6%)	
T3	216 (33.7%)	220 (34.3%)		216 (33.7%)	220 (34.3%)		220 (34.3%)	216 (33.7%)		211 (32.9%)	225 (35.1%)	
T4	39 (6.1%)	35 (5.5%)		35 (5.5%)	39 (6.1%)		33 (5.1%)	41 (6.4%)		45 (7%)	29 (4.5%)	
Pathologic N stage, n (%)			0.808			0.942			0.367			0.860
N0	181 (28.3%)	187 (29.2%)		186 (29.1%)	182 (28.4%)		176 (27.5%)	192 (30%)		180 (28.1%)	188 (29.4%)	
N1	80 (12.5%)	73 (11.4%)		77 (12%)	76 (11.9%)		83 (13%)	70 (10.9%)		78 (12.2%)	75 (11.7%)	
N2	59 (9.2%)	60 (9.4%)		58 (9.1%)	61 (9.5%)		62 (9.7%)	57 (8.9%)		61 (9.5%)	58 (9.1%)	
Pathologic M stage, n (%)			0.580			0.710			0.212			0.183
M0	241 (42.7%)	234 (41.5%)		246 (43.6%)	229 (40.6%)		238 (42.2%)	237 (42%)		225 (39.9%)	250 (44.3%)	

M1	48 (8.5%)	41 (7.3%)		48 (8.5%)	41 (7.3%)		51 (9%)	38 (6.7%)		49 (8.7%)	40 (7.1%)	
Histological type, n (%)			0.401			0.419			0.326			0.419
Adenocarcinoma	271 (42.8%)	279 (44.1%)		272 (43%)	278 (43.9%)		277 (43.8%)	273 (43.1%)		272 (43%)	278 (43.9%)	
Mucinous	45 (7.1%)	38 (6%)		45 (7.1%)	38 (6%)		37 (5.8%)	46 (7.3%)		45 (7.1%)	38 (6%)	
Perineural invasion, n (%)			0.455			0.769			0.856			0.252
No	72 (30.6%)	103 (43.8%)		62 (26.4%)	113 (48.1%)		59 (25.1%)	116 (49.4%)		96 (40.9%)	79 (33.6%)	
Yes	28 (11.9%)	32 (13.6%)		20 (8.5%)	40 (17%)		21 (8.9%)	39 (16.6%)		38 (16.2%)	22 (9.4%)	
Lymphatic invasion, n (%)			0.007			< 0.001			< 0.001			0.974
No	161 (27.7%)	189 (32.5%)		154 (26.5%)	196 (33.7%)		152 (26.1%)	198 (34%)		177(30.4%)	173 (29.7%)	
Yes	133 (22.9%)	99 (17%)		135(23.2%)	97 (16.7%)		136(23.4%)	96 (16.5%)		117(20.1%)	115 (19.8%)	
History of colon polyps, n (%)			0.027			< 0.001			0.001			0.019
No	178 (32.1%)	199 (35.9%)		171(30.8%)	206(37.1%)		176(31.7%)	201(36.2%)		199(35.9%)	178 (32.1%)	
Yes	102 (18.4%)	76 (13.7%)		109 (19.6%)	69 (12.4%)		109 19.6%)	69 (12.4%)		75 (13.5%)	103 (18.6%)	
Anatomic neoplasm subdivision, n (%)			0.163			0.011			0.133			0.002
Right-sided colon	136 (22.1%)	129 (21%)		132 (21.5%)	133 (21.6%)		124 (20.2%)	141(22.9%)		118(19.2%)	147 (23.9%)	
Left-sided colon	110 (17.9%)	130 (21.1%)		109 (17.7%)	131 (21.3%)		121 (19.7%)	119 (19.3%)		140(22.8%)	100 (16.3%)	
Rectum	62 (10.1%)	48 (7.8%)		69 (11.2%)	41 (6.7%)		64 (10.4%)	46 (7.5%)		46 (7.5%)	64 (10.4%)	