

Supplementary Table S3. Comparison of clinicopathological parameters between Smad4+/PTEN+ group and Smad4-/PTEN+ or Smad4+/PTEN- group

Parameter	No. (n=364)	Smad4+/PTEN+ (n=110)	Smad4-/PTEN+ or Smad4+/PTEN- (n=254)	p-value (chi-square test)
Age (yr)				.396
<65	250	79 (71.8)	171 (67.3)	
≥65	114	31 (28.2)	83 (32.7)	
Sex				.543
Female	160	51 (46.4)	109 (42.9)	
Male	204	59 (53.6)	145 (57.1)	
Tumor location				.165 ^a
Right	72	27 (24.5)	45 (17.7)	
Transverse and left	42	12 (10.9)	30 (11.8)	
Rectosigmoid	250	71 (64.5)	179 (70.5)	
Tumor size (cm)				.142
≤4.5	119	42 (38.2)	77 (30.3)	
>4.5	245	68 (61.8)	177 (69.7)	
Growth pattern				.249
Fungating	82	29 (26.4)	53 (20.9)	
Ulcerating	282	81 (73.6)	201 (79.1)	
Histologic grade				.475 ^a
1	13	3 (2.7)	10 (3.9)	
2	278	83 (75.5)	195 (76.8)	
3	73	24 (21.8)	49 (19.3)	
AJCC stage				.198 ^a
Tis	8	1 (0.9)	7 (2.8)	
I	26	12 (10.9)	14 (5.5)	
II	132	44 (40)	88 (34.6)	
III	198	53 (48.2)	145 (57.1)	
T category				.414 ^a
Tis	8	1 (0.9)	7 (2.8)	
1	7	5 (4.5)	2 (0.8)	
2	27	12 (10.9)	15 (5.9)	
3	316	89 (80.9)	227 (89.4)	
4	6	3 (2.7)	3 (1.2)	
N category				.047 ^{a*}
0	166	57 (51.8)	109 (42.9)	
1	96	30 (27.3)	66 (26)	
2	102	23 (20.9)	79 (31.1)	
Lymphovascular invasion				.049 [*]
Absence	157	56 (50.9)	101 (39.8)	
Presence	207	54 (49.1)	153 (60.2)	
Mismatch repair protein				.006 [*]
Defective	148	40 (36.4)	108 (42.5)	
Intact	216	70 (63.6)	146 (57.5)	

AJCC, 8th edition of American Joint Committee on Cancer.

*p < .05.

^aLinear by linear association.