

Supplementary Table S1. Characteristics of the patients include in the study

Characteristics	N (%)
Gender	
Female	125 (62.4)
Male	76 (36.6)
Location	
Colon	189 (94)
Rectum	12 (6)
Histological Type	
Well differentiated	42 (21.0)
Moderately differentiated	136 (67.7)
Poorly differentiated	23 (11.3)
pTMN Stage	
Stage I	22 (11.1)
Stage II	77 (38.1)
Stage III	83 (41.3)
Stage IV	19 (9.5)
N° of lymph nodes removed	
<12	71 (35.5)
≥12	130 (64.5)

Supplementary Table S2. Primers used to analyze P53 mutations

TP53	Forward	Reverse
Exon 2-4	agctgtctcagacactggcatggtgttgg	cactgacaggaagccaaagggtgaagagg
Exon 5-6	gttgctttatctgttcacttgtgccctgac	tagggagggtcaatatagcagcaggagaaag
Exon 7-9	cagcctgggagacagagcgagattccatc	aaccaggagccattgtctttgaggcatcac
Exon 10	tacttgaagtgcagtttctactaaatgcatg	aggaagactaaaaaaaaatgtctgtgcagggc

Supplementary Table S3. Primers used to determine PARP-1, CD44, CD133, UBC, TBP and RPS13 expression

Gene	Forward	Reverse
PARP-1	agggaagcacagtgtcaaa	tacccatcagcaacttagcg
CD44	gctttcaatagcaccttgccacaatgg	aaagaggtcctgtcctgtccaaatcttc
CD133	tccacagaaatttacctacattgg	cagcagagagcagatgacca
UBC	tgggatgcaaattcttctgaagaccctgac	accaagtgcagagtggactctttctggatg
TBP	ttgtccttttggcatttgcctgggctctc	gtcatcagtggagacgggttccatttaacc
RPS13	gggtgtgcacaagtacgtttgtgacaggc	tcatatttcaattgggagggaggactcgc