

Supplementary Table 1: Clinicopathological characteristics of mismatch repair–deficient colorectal adenocarcinoma (n = 211).

CHARACTERISTICS	N = 211 (%)
Age group (years)	
< 50	88 (41.7%)
≥ 50	123 (58.3%)
Gender	
Male	129 (61.1%)
Female	82 (38.9%)
Tumor location	
Right colon	111 (52.6%)
Left colon	77 (36.5%)
Rectum	23 (10.9%)
Grossing feature	
Exophytic	129 (61.1%)
Ulcer	47 (22.3%)
Linitis plastica	35 (16.6%)
Histologic subtype	
Conventional adenocarcinoma	128 (60.7%)
Mucinous differentiation	42 (19.9%)
Other*	41 (19.4%)
Tumor grade	
Low grade	155 (73.5%)
High grade	56 (26.5%)
Lymphovascular invasion	
Present	43 (20.4%)
Absent	168 (79.6%)
Tumor necrosis	
Present	56 (26.5%)
Absent	155 (73.5%)
TiLs	
Low	90 (42.6%)
High	121 (57.4%)
pT	
T1-2	20 (9.5%)
T3-4	191 (90.5%)
pN	
N0	191 (90.5%)
N1	13 (6.2%)
N2	7 (3.3%)
cM	
M0	208 (98.6%)
M1	3 (1.4%)
Staging	
I,II	190 (90%)
III,IV	21 (10%)
dMMR	
concurrent loss of MLH1/PMS2	104 (49.3%)
concurrent loss of MSH2/MSH6	51 (24.2%)
isolated loss of PMS2	40 (18.9%)
isolated loss of MSH6	16 (7.6%)

dMMR PATTERN	LEFT COLON	RIGHT COLON
concurrent loss of MLH1/PMS2	51 (24.2%)	53 (25.1%)
concurrent loss of MSH2/MSH6	25 (11.8%)	26 (12.3%)
isolated loss of PMS2	20 (9.5%)	20 (9.5%)
isolated loss of MSH6	7 (3.3%)	9 (4.3%)

(*) including serrated adenocarcinoma, and signet ring cell adenocarcinoma, medullary carcinoma, undifferentiated carcinoma, *adenoma-like* carcinoma and micropapillary adenocarcinoma