Table SI. TMB and clinicopathological features of 12 patients with colorectal cancer.

Case No.	Combination of MMR-protein expression and TIT	MMR-protein expression	Amount of TITs	TMB[a] (number of single nucleotide variant/insertion/deletion variants)[b]	Sex	Age	Tumor location[c]	Tumor differentiation	Lymph node metastasis	Lymphatic invasion	Venous invasion
1	dMMR/TIT-H	dMMR	TIT-H	26.3 (894)	Female	93	Proximal	Well-moderate	Negative	Negative	Positive
2	dMMR/TIT-H	dMMR	TIT-H	22.5 (988)	Female	86	Proximal	Por-muc	Negative	Negative	Negative
3	dMMR/TIT-H	dMMR	TIT-H	16.7 (962)	Female	60	Proximal	Well-moderate	Negative	Negative	Negative
4	dMMR/TIT-L	dMMR	TIT-L	9.22 (1000)	Female	68	Distal	Well-moderate	Negative	Negative	Positive
5	dMMR/TIT-L	dMMR	TIT-L	9.18 (955)	Male	54	Distal	Well-moderate	Positive	Negative	Positive
6	pMMR/TIT-H	pMMR	TIT-H	54.7 (895)	Female	79	Proximal	Por-muc	Positive	Positive	Positive
7	pMMR/TIT-H	pMMR	TIT-H	4.18 (937)	Male	75	Distal	Well-moderate	Negative	Positive	Positive
8	pMMR/TIT-H	pMMR	TIT-H	2.51 (958)	Female	64	Proximal	Well-moderate	Negative	Negative	Negative
9	pMMR/TIT-H	pMMR	TIT-H	2.51 (895)	Female	58	Proximal	Well-moderate	Positive	Negative	Positive
10	pMMR/TIT-L	pMMR	TIT-L	5.84 (923)	Male	81	Proximal	Well-moderate	Positive	Positive	Positive
11	pMMR/TIT-L	pMMR	TIT-L	4.19 (889)	Female	82	Distal	Well-moderate	Negative	Negative	Negative
12	pMMR/TIT-L	pMMR	TIT-L	3.35 (1003)	Male	72	Distal	Well-moderate	Negative	Negative	Positive

[a]Patients were additionally divided into two groups based on the TMB (low-TMB group: TMB <10, high-TMB group: TMB ≥10). [b]The number of single nucleotide variants, insertion and deletion. [c]Patients were further divided into two groups based on tumor location (proximal; cecum-to-splenic flexure, distal; and descending colon to the rectum). TMB, tumor mutational burden; TIT-H, high amount of tumor-infiltrating T cells; TIT-L, low amount of tumor-infiltrating T cells; MMR, mismatch repair; dMMR, mismatch repair-deficient; pMMR, mismatch repair-proficient.