Figure S1. Representative images of immunohistochemical staining of CD3^{+} and CD8^{+} located at CT and IM. Scale bars, 100 μm. CT, center of the tumor; IM, the invasive margin.
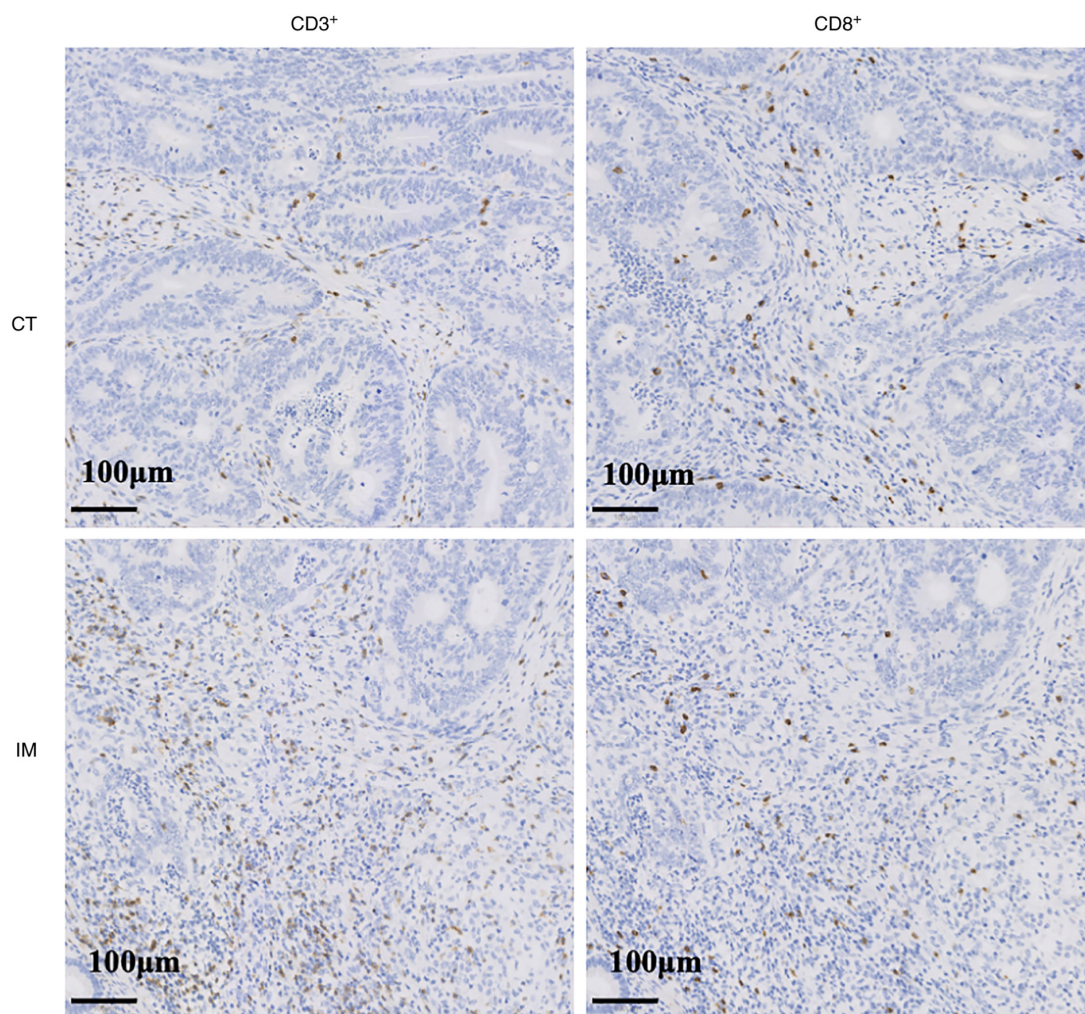
Figure S2. Association of the numbers of TITs (CD3$^+$ cell and CD8$^+$ cell) with MMR protein expression. Colorectal cancer cases were arranged according to the number of TITs. The sections highlighted gray represent dMMR, loss of MMR protein expression, TIT-H and TMB-H in the figure. MMR, mismatch repair; dMMR, mismatch repair deficient; pMMR, mismatch repair proficient; TMB, tumor mutational burden; TIT-H, high number of tumor-infiltrating T cells; TIT-L, low number of tumor-infiltrating T cells.

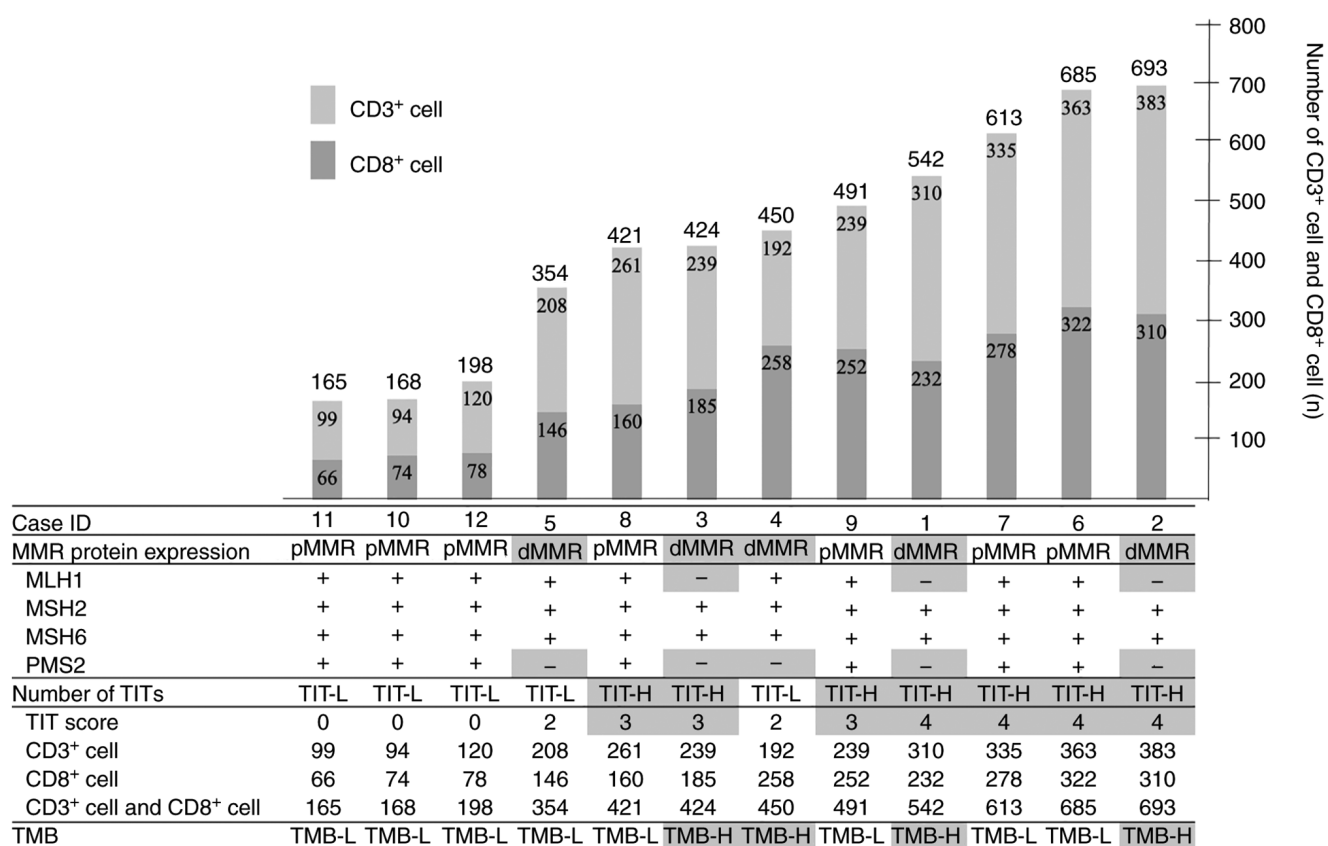| Case ID	11	10	12	5	8	3	4	9	1	7	6	2
MMR protein expression	pMMR	pMMR	pMMR	dMMR	pMMR	dMMR	dMMR	pMMR	dMMR	pMMR	pMMR	dMMR
MLH1	+	+	+	+	+	–	+	+	–	+	+	–
MSH2	+	+	+	+	+	+	+	+	+	+	+	+
MSH6	+	+	+	+	+	+	+	+	+	+	+	+
PMS2	+	+	+	–	+	–	–	+	–	+	+	–
Number of TITs	TIT-L	TIT-L	TIT-L	TIT-L	TIT-H	TIT-H	TIT-L	TIT-H	TIT-H	TIT-H	TIT-H	TIT-H
TIT score	0	0	0	2	3	3	2	3	4	4	4	4
CD3$^+$ cell	99	94	120	208	261	239	192	239	310	335	363	383
CD8$^+$ cell	66	74	78	146	160	185	258	252	232	278	322	310
CD3$^+$ cell and CD8$^+$ cell	165	168	198	354	421	424	450	491	542	613	685	693
TMB	TMB-L	TMB-L	TMB-L	TMB-L	TMB-L	TMB-H	TMB-H	TMB-L	TMB-H	TMB-L	TMB-L	TMB-H

Figure S3. Representative images of immunostaining for MLH1, MSH2, MSH6 and PMS2 in a dMMR CRC case with the loss of MLH1 and PMS2 protein expression. Scale bars, 100 μm. MLH1, MutL homolog; MSH2, MutS homolog 2; MSH6, MutS homolog 6; PMS2, post-meiotic segregation 1 homolog 2.
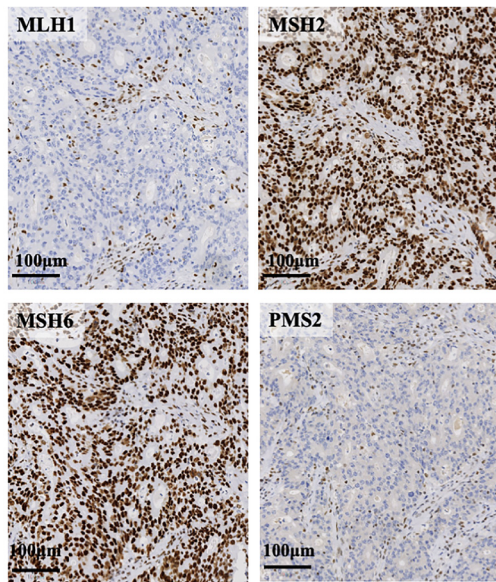
Figure S4. Correlations between TMB and number of TITs.
CT, center of the tumor; IM, the invasive margin; TMB, tumor
mutational burden.