Supplemental Figure 2

MSI, POLE, and POLD1 are better predictors of TMB than histology. A multivariable model

was constructed from all evaluable specimens in the database, evaluating the independent contributions to TMB levels.

nt			TMB Low High		
Variable		N	Estimate	Estimate (95% CI)	p-value
MSI	MSS	902	, i i i i i i i i i i i i i i i i i i i	Reference	-
	MSI-H	195		2.89 (2.73, 3.05)	<0.001
POLE status	wild-type	1088	I	Reference	
	mutation	9		4.88 (4.26, 5.50)	<0.001
POLD1 status	wild-type	1094	•	Reference	
	mutation	3	⊢∎→	2.28 (1.22, 3.35)	<0.001
CTNNB1 status	wild-type	873	F	Reference	
	mutation	224	H	0.03 (-0.13, 0.19)	0.695
TP53 status	wild-type	484		Reference	
	mutation	613		0.12 (-0.03, 0.27)	0.106
Histology	Carcinosarcoma	153		Reference	
	Clear cell carcinoma	52	F	0.25 (-0.05, 0.55)	0.101
	Endometrial cancer, NOS	86	F	0.28 (0.03, 0.54)	0.030
	Endometrioid carcinoma	503		0.06 (-0.13, 0.25)	0.524
	Serous carcinoma	303		0.12 (-0.07, 0.30)	0.215
Specimen Timing	Tx Naive	416	H	Reference	
	Other	681		0.17 (0.05, 0.28)	0.005
			0 1 2 3 4 5		