Supplementary Tables

Supplementary Table 1. Clinico-pathological characteristics of YTMA79 and YTMA140

Parameter	YTMA79	YTMA140
All Patients (%)	202 (100%)	350 (100%)
Age (Years)		
< 70	129 (63.9%)	268 (76.6%)
≥ 70	73 (36.1%)	82 (23.4%)
Sex		
Male	96 (47.5%)	308 (88%)
Female	106 (52.5%)	42 (12%)
Smoking Status		
Never	14 (6.9%)	29 (8.3%)
Smoker	185 (91.6%)	281 (80.3%)
Unknown	3 (1.5%)	40 (11.4%)
Histology		
Adenocarcinoma	116 (57.4%)	142 (40.6%)
Squamous	33 (16.3%)	167 (47.7%)
Other	54 (26.3%)	41 (11.7%)
Stage		
I and II	126 (62.4%)	202 (57.7%)
III and IV	59 (29.2%)	141 (40.3%)
Unknown	17 (8.4%)	7 (2%)
Primary Tumor		
Size		
< 3 cm	80 (39.6%)	51 (14.6%)
\geq 3 cm	59 (29.2%)	290 (82.9%)
Unknown	63 (31.2%)	9 (2.5%)

	ΥΤΜΑ79		YTMA140	
Parameter	Risk ratio [95% CI]	P value	Risk ratio [95% CI]	P value
Age (>70y)	1.074 [0.714-1.592]	0.724	1.471 [1.014-2.089]	0.042
Tumor size (>3cm)	1.283 [0.761-2.151]	0.345	1.826 [1.137-3.136]	0.011
Smoking (Yes)	1.318 [0.595-3.740]	0.529	1.094 [0.654-1.986]	0.745
Stage (III-IV)	4.042 [2.650-6.165]	<0.0001	2.233 [1.626-3.064]	<0.0001
Histology (ADC)	0.870 [0.490-1.466]	0.613	0.895 [0.642-1.249]	0.513
CD3 high	0.529 [0.323-0.831]	0.0052	0.695 [0.477-0.991]	0.043
CD8 high	0.500 [0.304-0.791]	0.0026	0.587 [0.404-0.835]	0.0027
CD20 high	0.523 [0.323-0.817]	0.0039	0.887 [0.643-1.236]	0.477

Supplementary Table 2. Univariate Cox hazard ratios on YTMA79 and YTMA140

CI= Confidence interval; ADC= Adenocaricnoma.

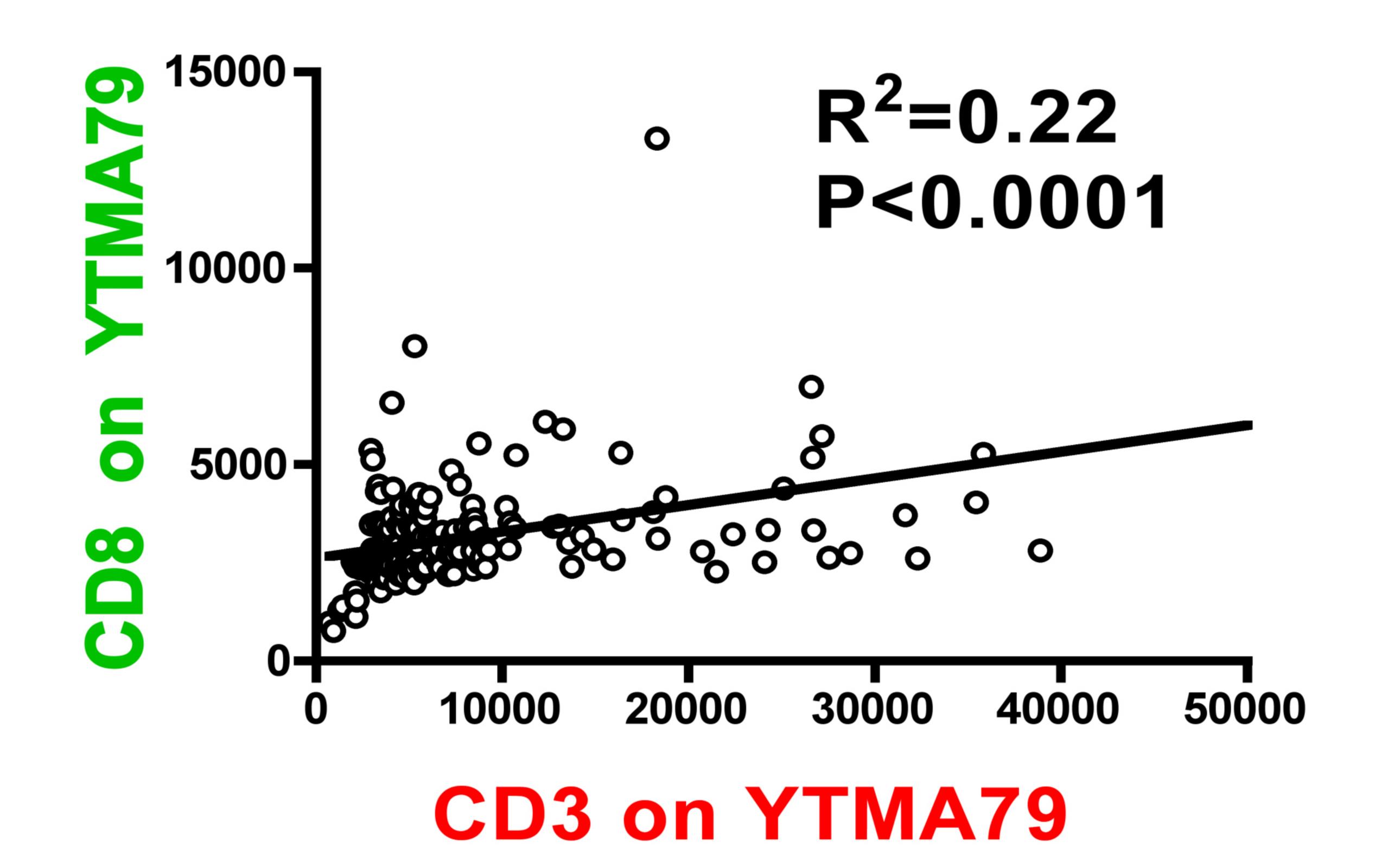
Text in bold denotes a staististical significant P value.

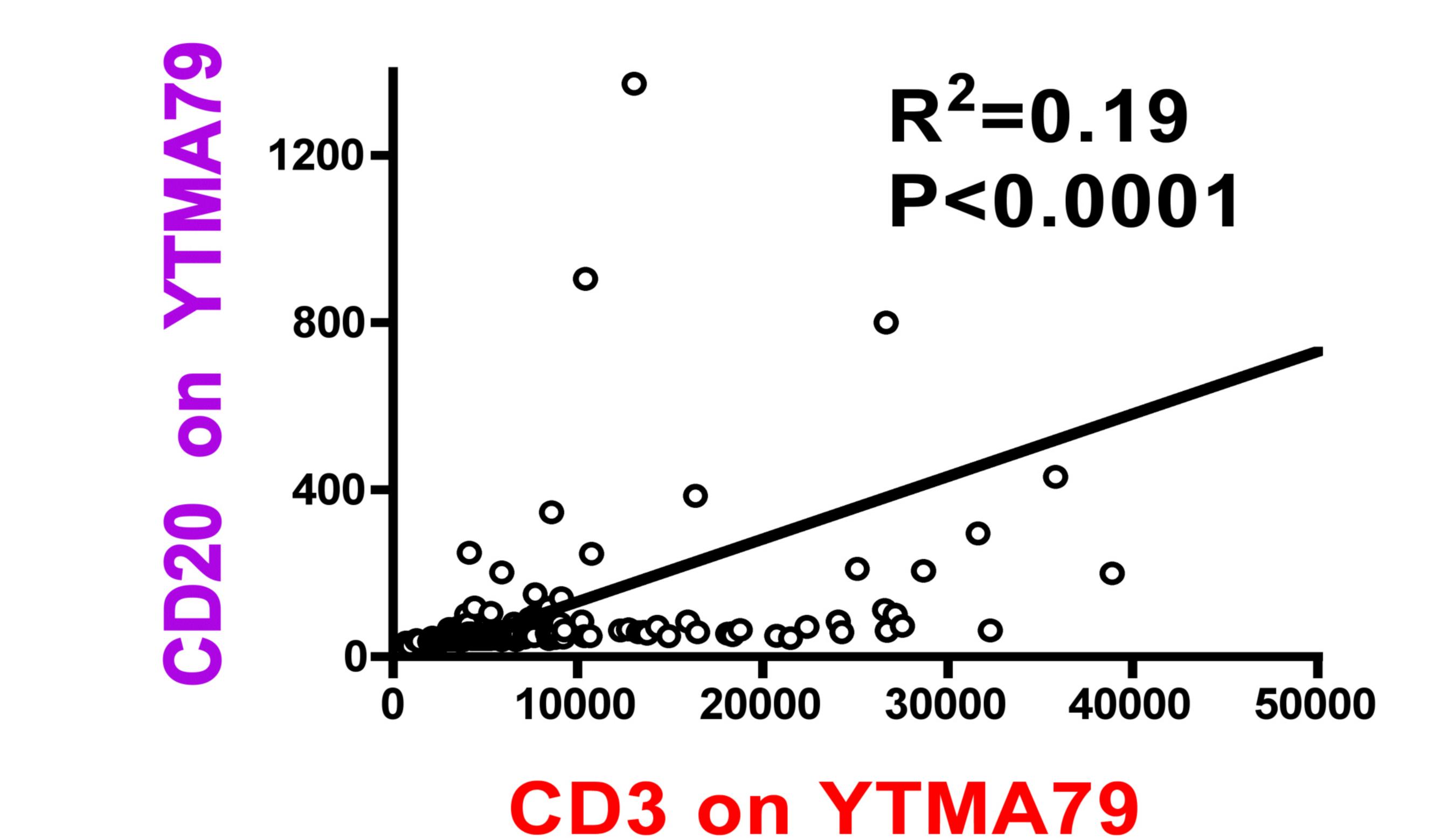
Supplementary Figures

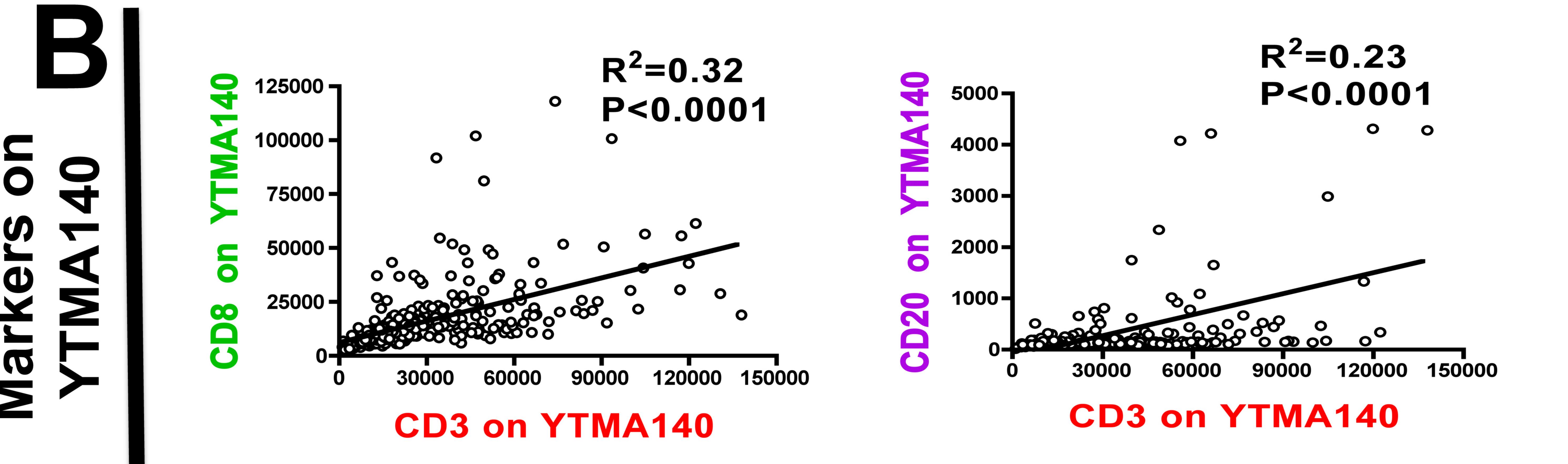
Supplementary Figure1. Association of different TIL markers in NSCLC samples and in tissue cores obtained from different tumor areas.

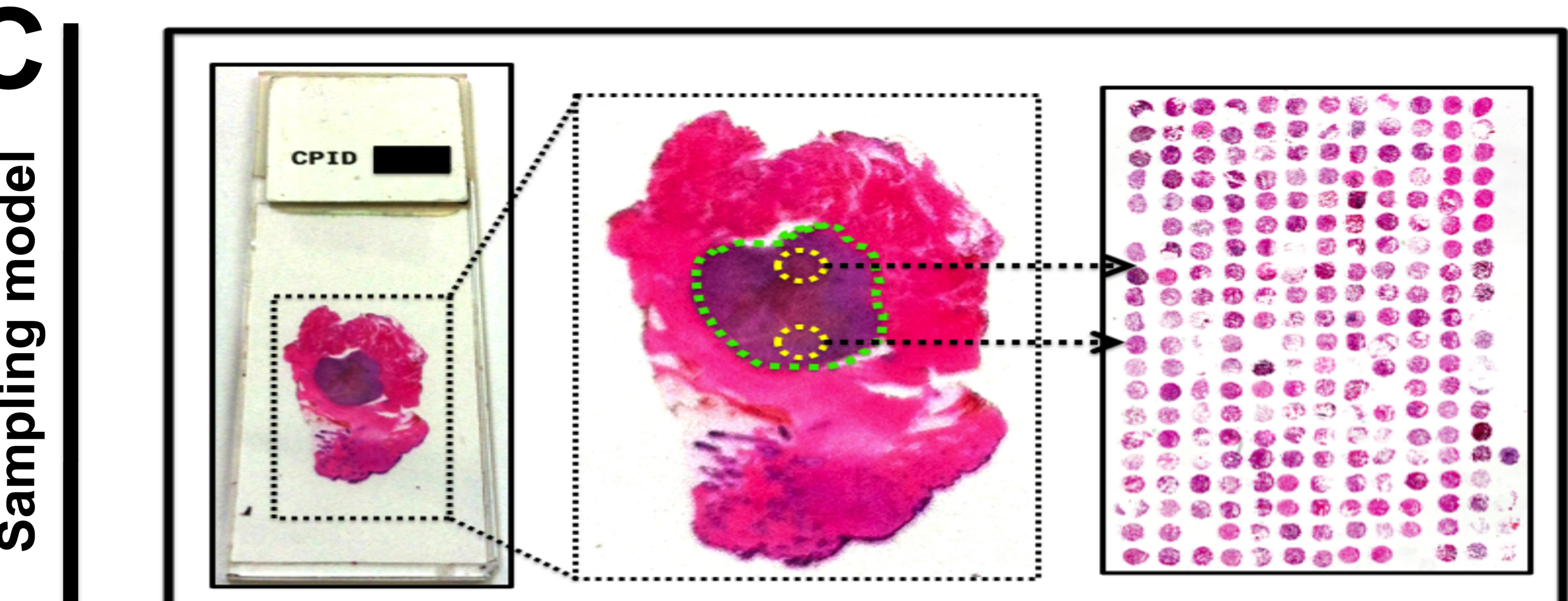
A-B) Graphs showing the relationship between CD3 (red label), CD8 (green label) and CD20 (purple label) scores in NSCLC cases from YTMA79 (**A**) and YTMA140 (**B**). R²= Linear regression coefficient. QIF scores are expressed as arbitrary units of fluorescence (AU). *P* values are indicated in the chart. **C**) Tissue slide schematics representing sampling of cores for TMA construction and evaluation of inter-core regressions. **D-E**) Graphs showing the inter-core regression of CD3 (red), CD8 (green) and CD20 (purple) of cases in YTMA79 (**D**) or YTMA140 (**E**). R²= Linear regression coefficient and R= Spearman Rho rank regression coefficient. QIF scores are expressed as arbitrary units of fluorescence (AU).



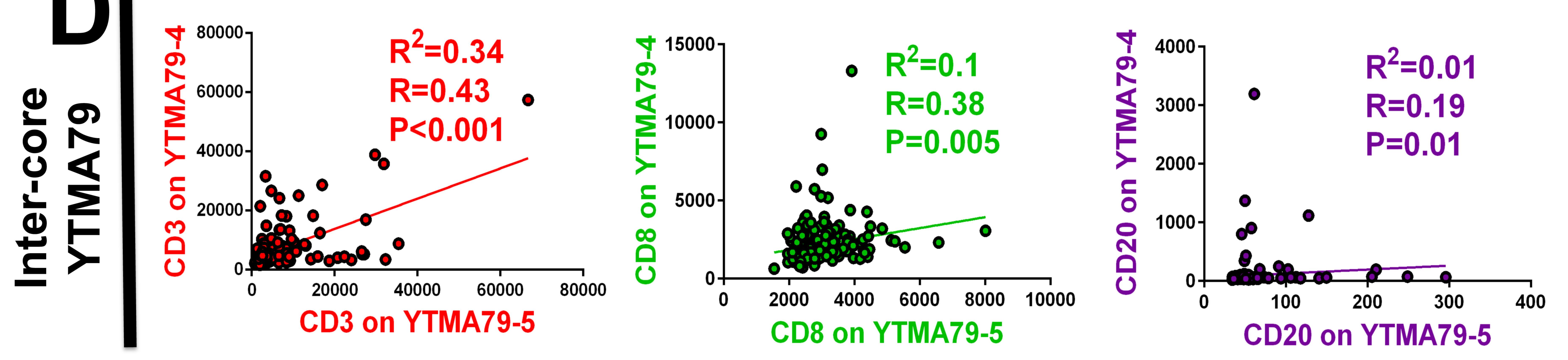




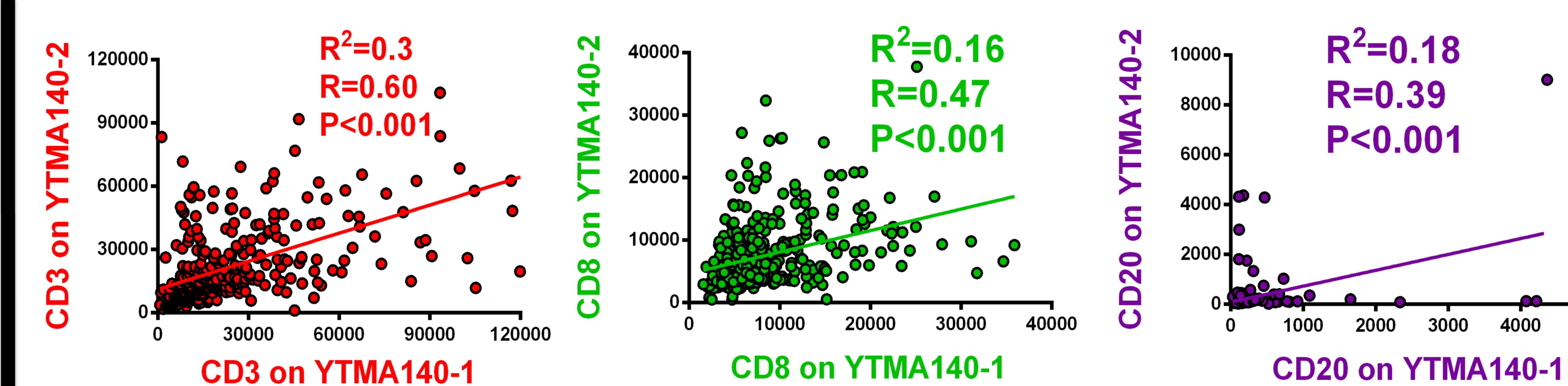




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Supplementary Figure2. TILs signal by tertiles and survival in NSCLC. Kaplan-Meier graphical analysis of the overall survival in patients with NSCLC from YTMA79
(A, C and E) and YTMA140 (B, D and F) according to CD3 (A-B), CD8 (C-D) CD20 (E-F) signal tertiles. The number of patients in each group and the respective log rank *P* values are indicated in the chart. All statistical tests were two-sided.

