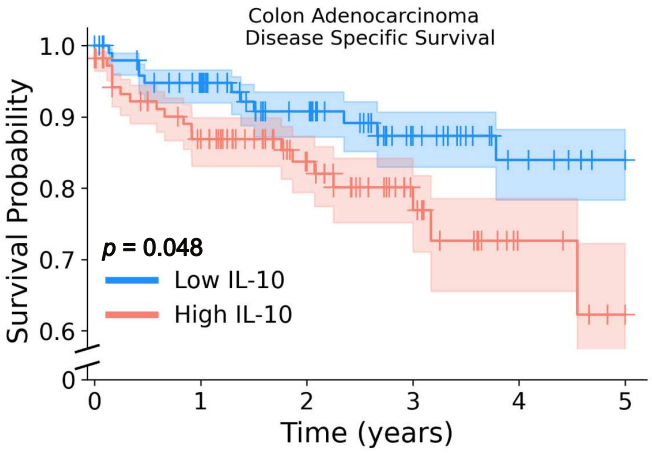
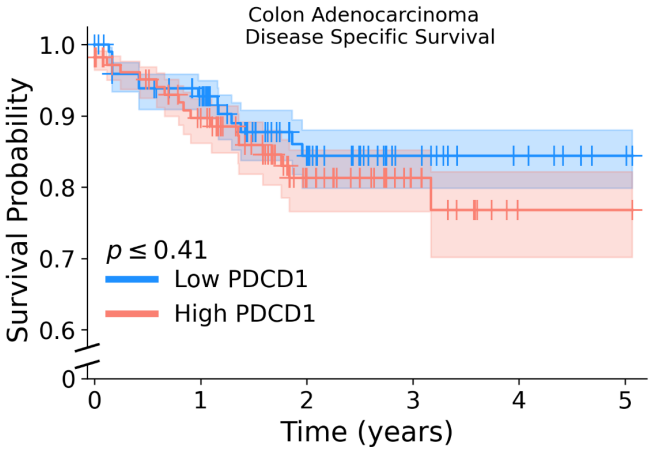
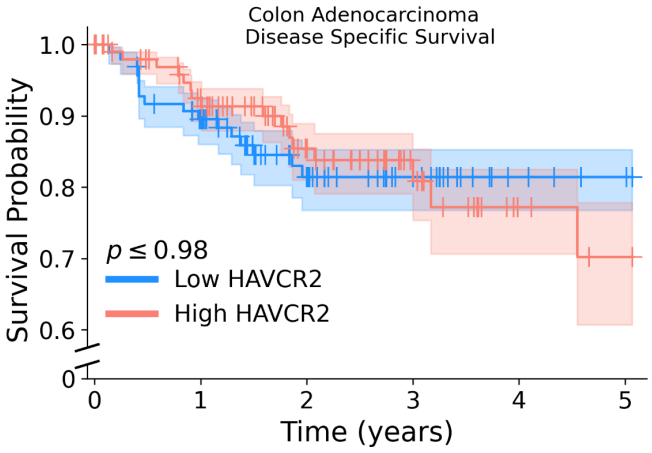
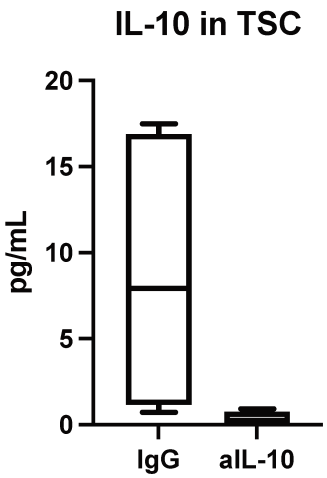
S1


Colon Adenocarcinoma
Disease Specific Survival
Survival Probability
1.0
0.9
0.8
0.7
0.6
0
p = 0.048
Low IL-10
High IL-10
0
1
2
3
4
5
Time (years)

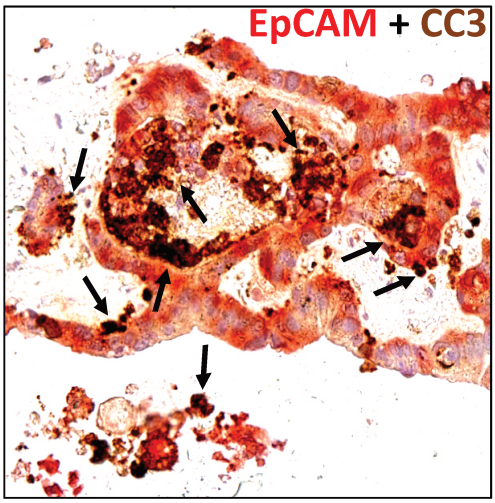

Colon Adenocarcinoma
Disease Specific Survival
Survival Probability
1.0
0.9
0.8
0.7
0.6
0
p ≤ 0.41
Low PDCD1
High PDCD1
0
1
2
3
4
5
Time (years)


Colon Adenocarcinoma
Disease Specific Survival
Survival Probability
1.0
0.9
0.8
0.7
0.6
0
p ≤ 0.98
Low HAVCR2
High HAVCR2
0
1
2
3
4
5
Time (years)

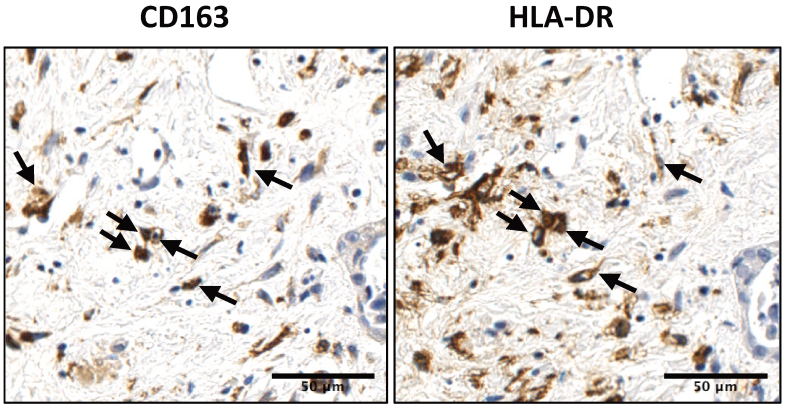
S2A



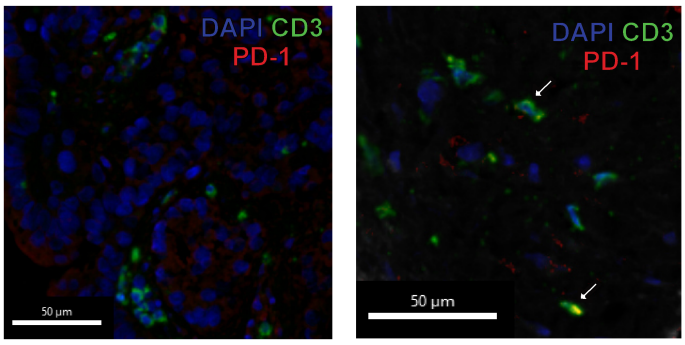
S2B

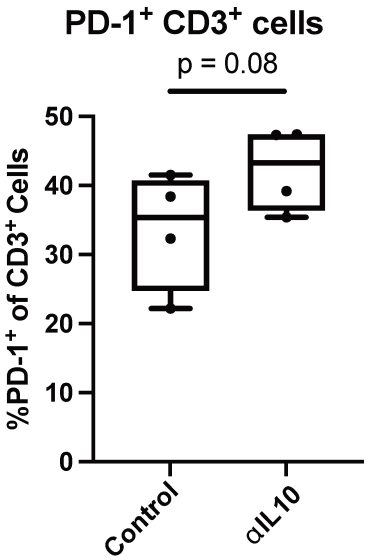


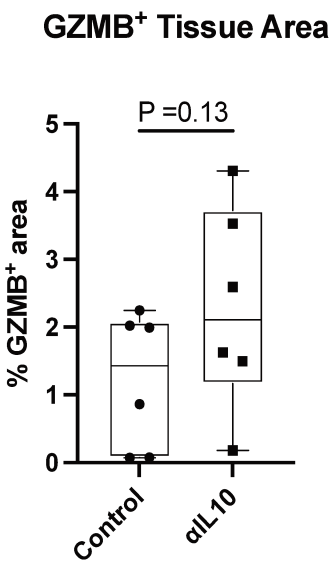
S2C



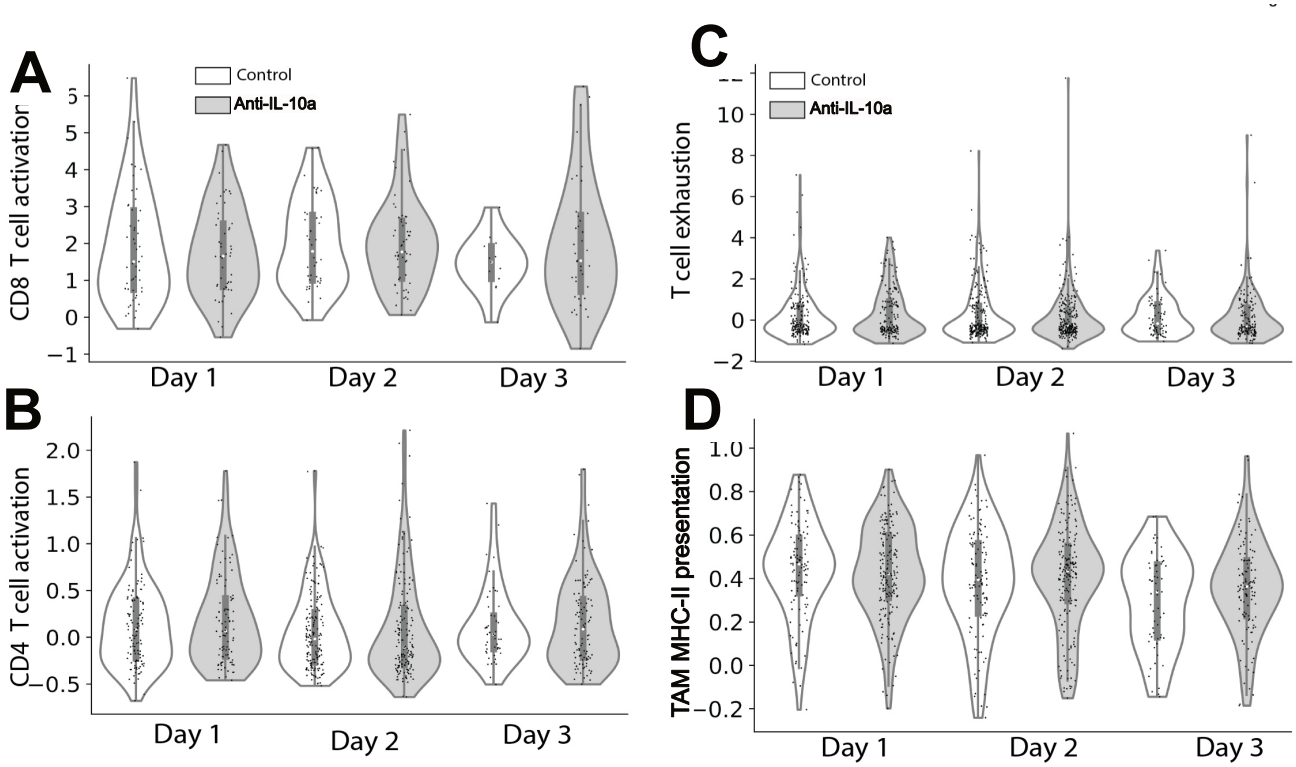
S2D



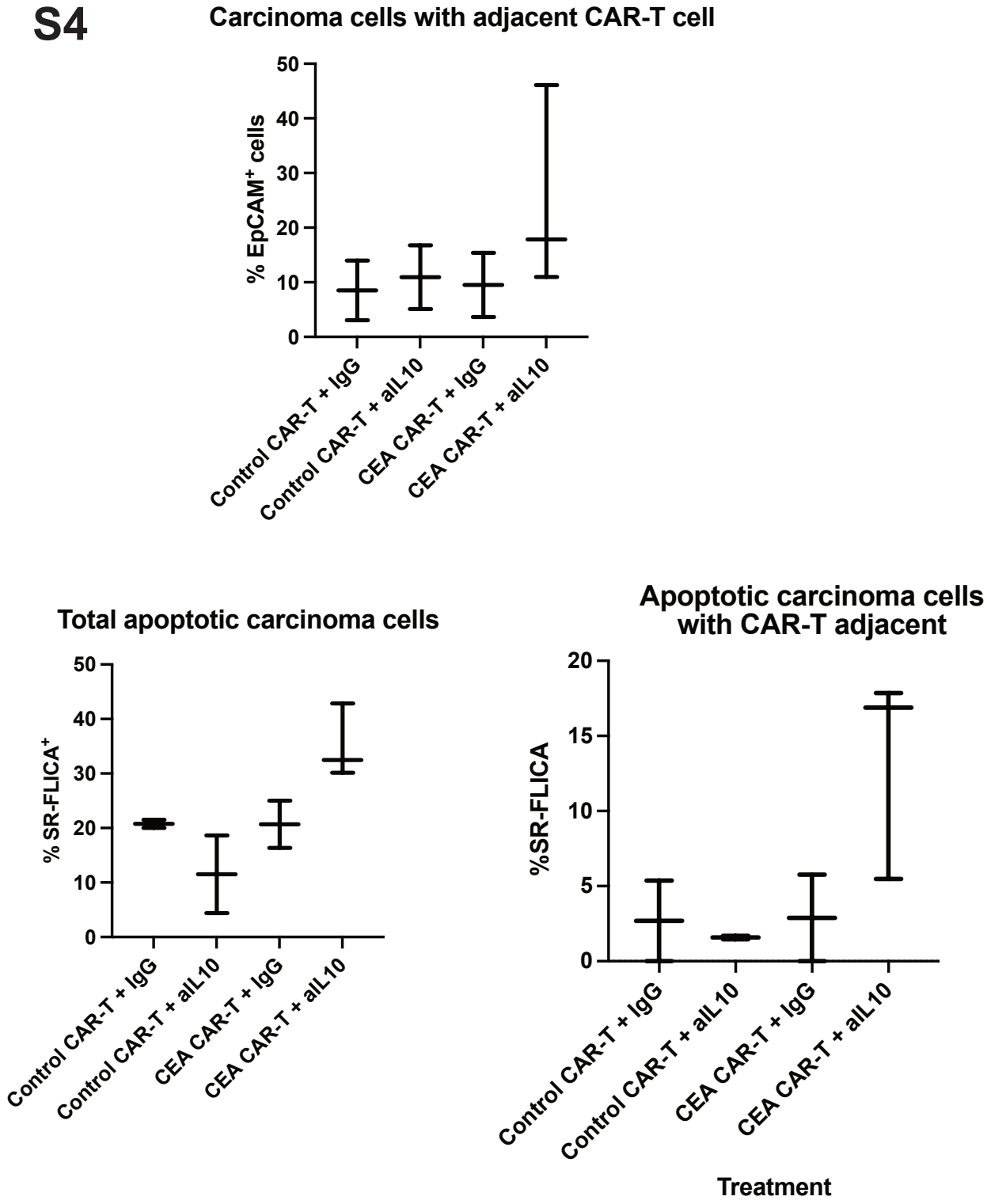




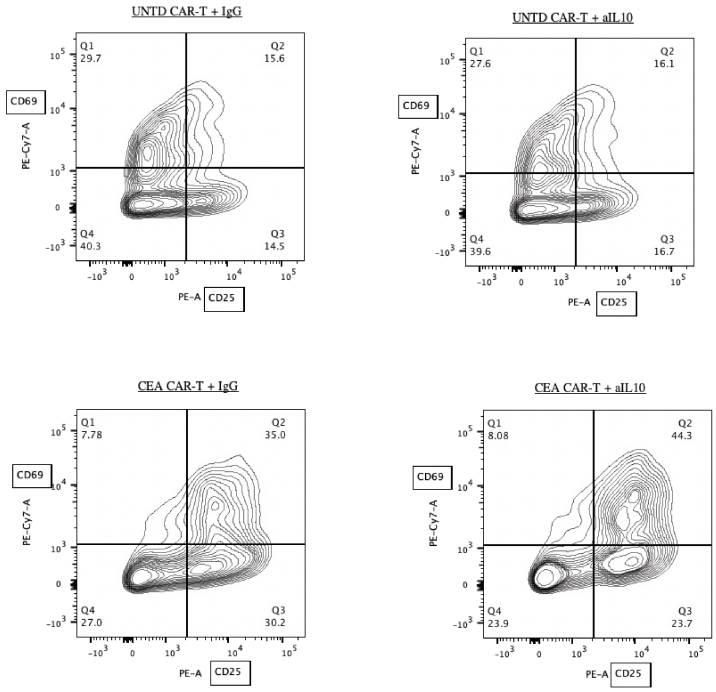
S3


A
Control
Anti-IL-10a
CD8 T cell activation
Day 1
Day 2
Day 3
B
CD4 T cell activation
C
T cell exhaustion
D
TAM MHC-II presentation

S4


Carcinoma cells with adjacent CAR-T cell
% EpCAM+ cells
50
40
30
20
10
0
Control CAR-T + IgG
Control CAR-T + aIL10
CEA CAR-T + IgG
CEA CAR-T + aIL10
Total apoptotic carcinoma cells
% SR-FLICA+
Apoptotic carcinoma cells with CAR-T adjacent
%SR-FLICA
20
15
10
5
0
Treatment

S5


UNTD CAR-T + IgG
Q1 29.7
Q2 15.6
Q4 40.3
Q3 14.5
UNTD CAR-T + aIL10
Q1 27.6
Q2 16.1
Q4 39.6
Q3 16.7
CEA CAR-T + IgG
Q1 7.78
Q2 35.0
Q4 27.0
Q3 30.2
CEA CAR-T + aIL10
Q1 8.08
Q2 44.3
Q4 23.9
Q3 23.7
CD69
PE-Cy7-A
CD25
PE-A