

Figure 1

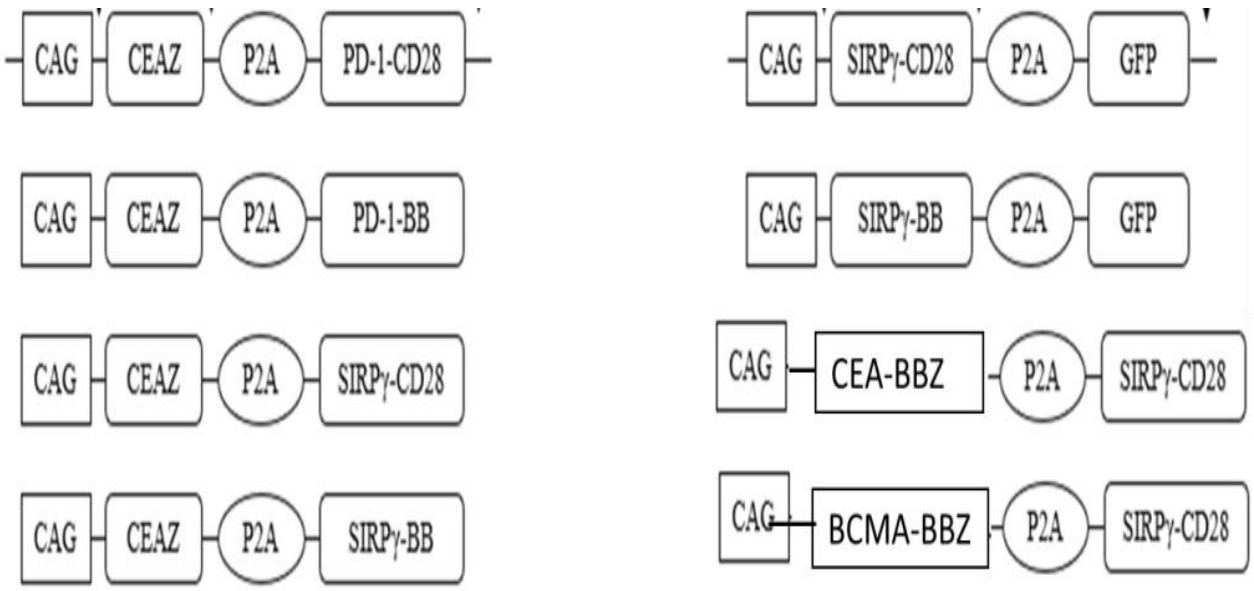


Figure 2

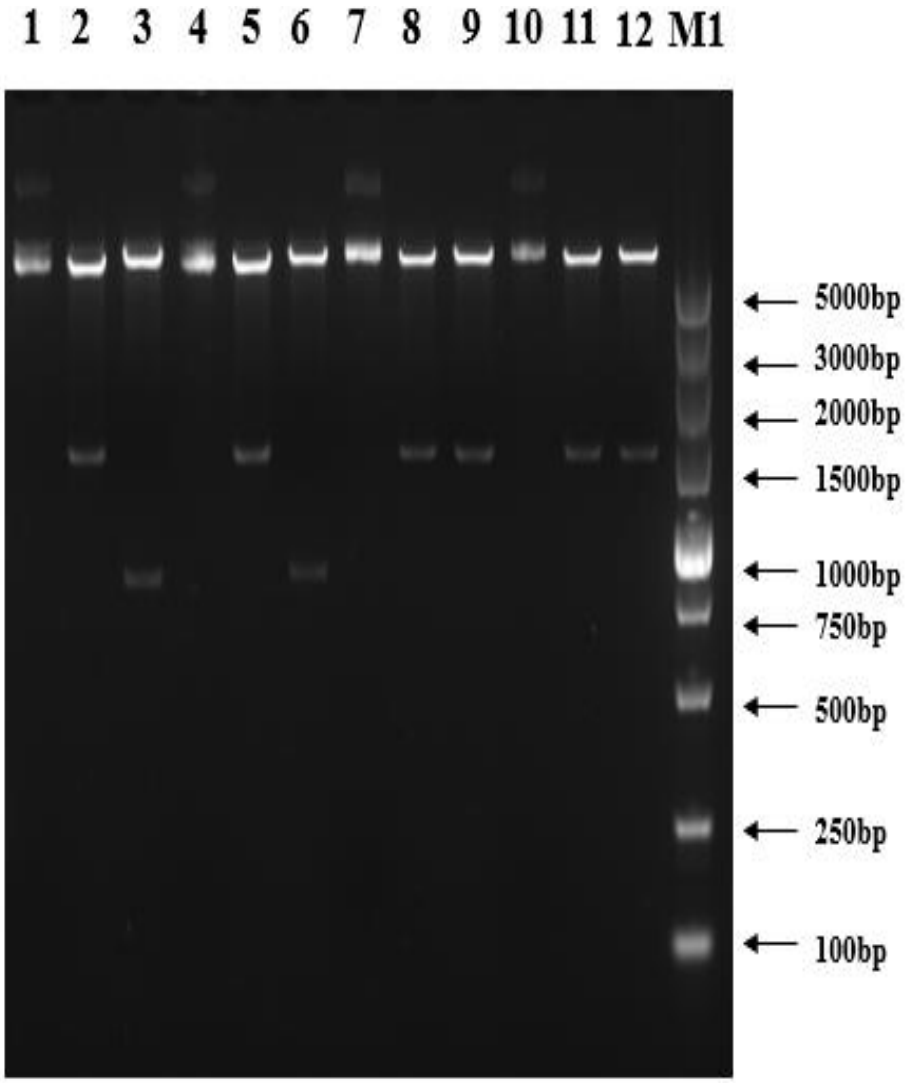

1 2 3 4 5 6 7 8 9 10 11 12 M1
5000bp
3000bp
2000bp
1500bp
1000bp
750bp
500bp
250bp
100bp

Figure 3

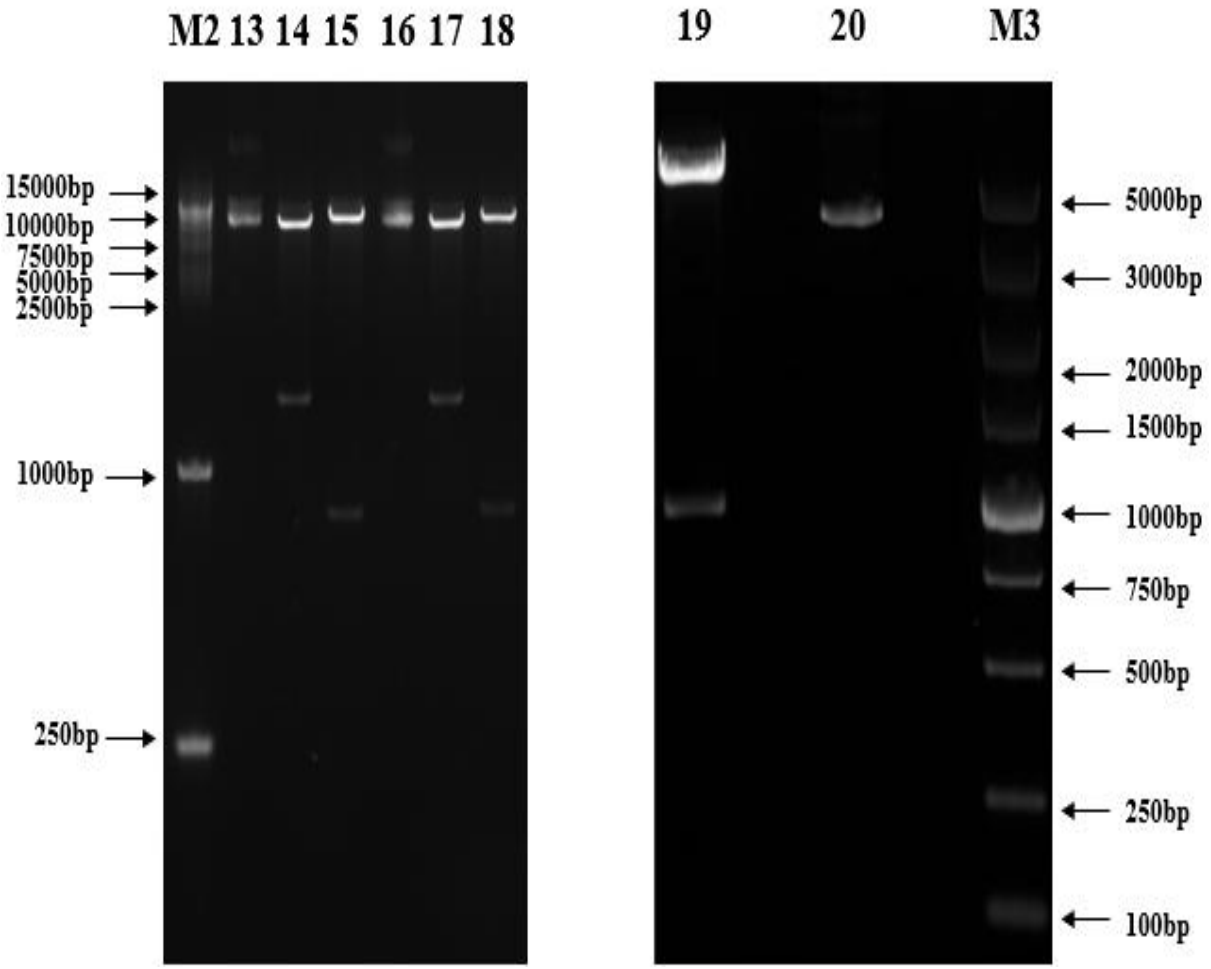


Figure 3 (Cont.)

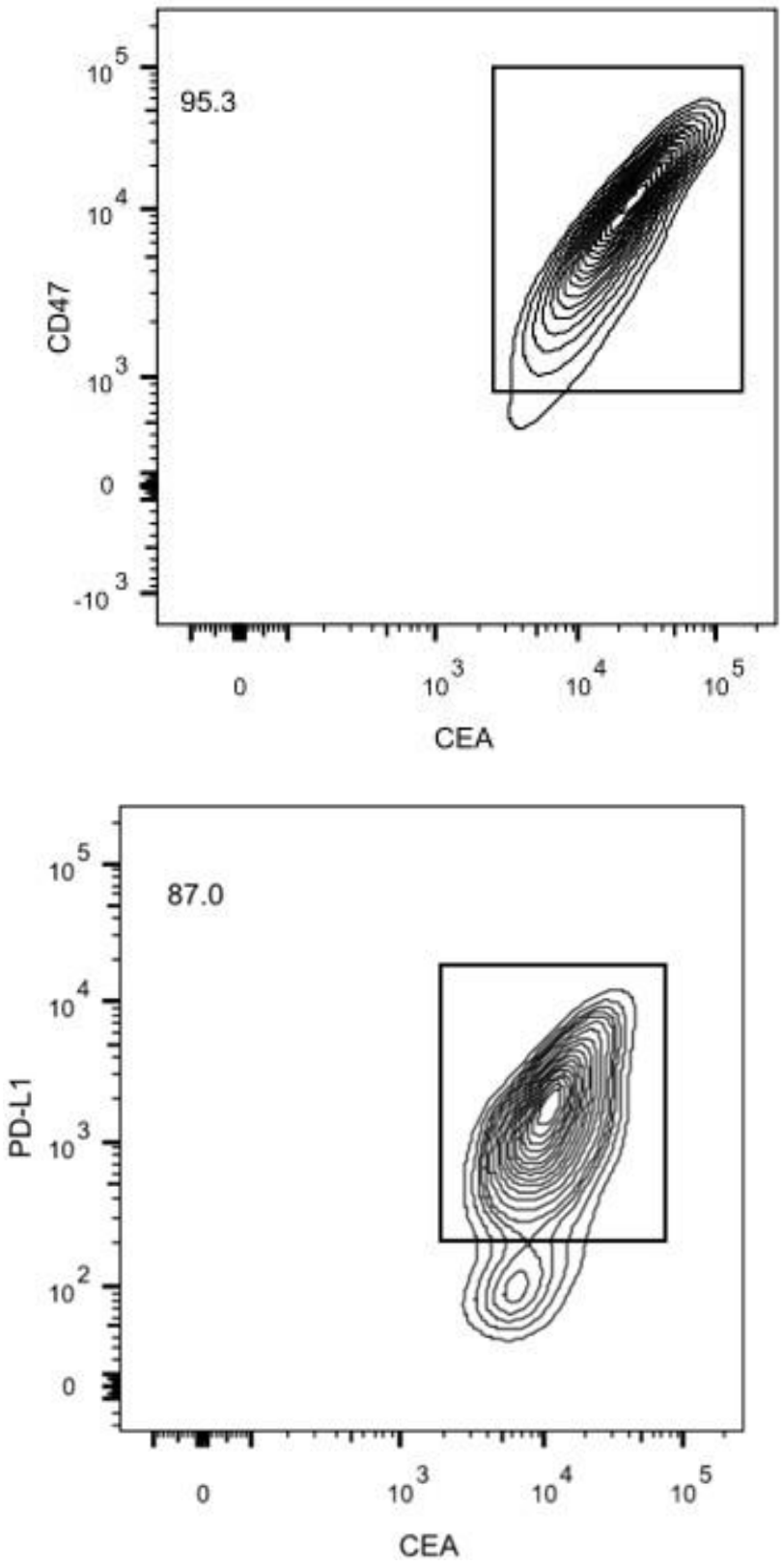


Figure 4

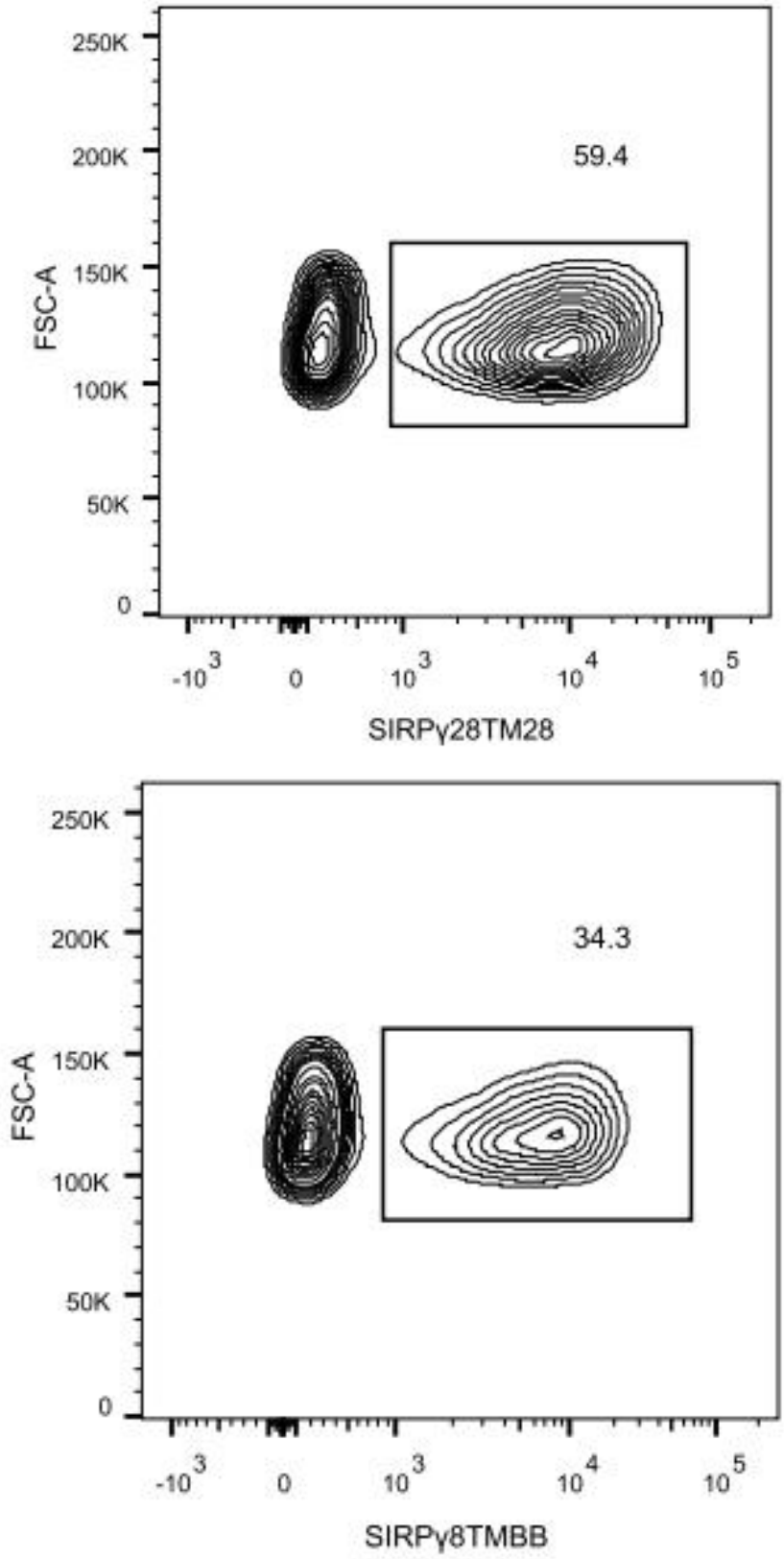

250K
200K
150K
100K
50K
0
FSC-A
59.4
-10^3
0
10^3
10^4
10^5
SIRPγ28TM28
250K
200K
150K
100K
50K
0
FSC-A
34.3
-10^3
0
10^3
10^4
10^5
SIRPγ8TMBB

Figure 5a

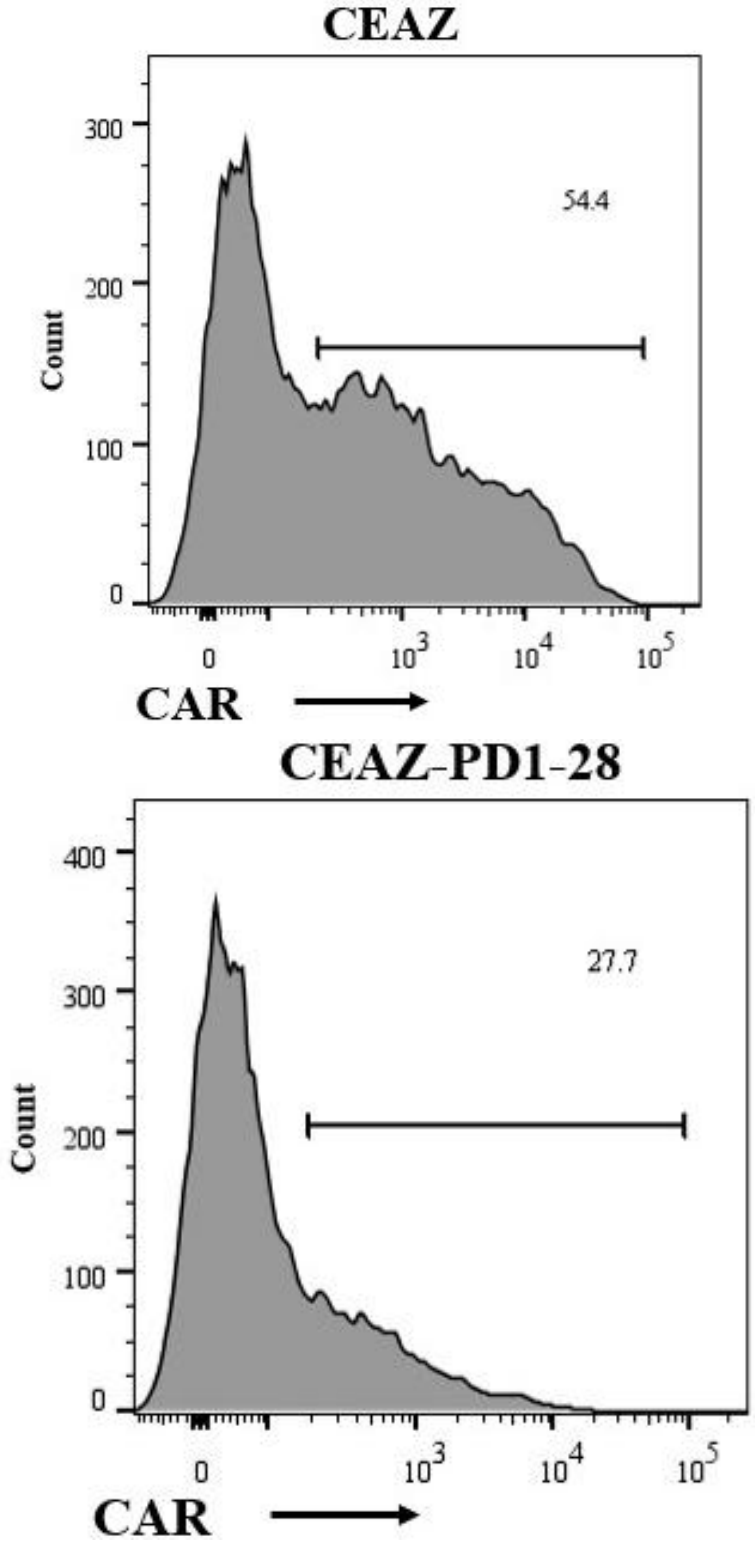
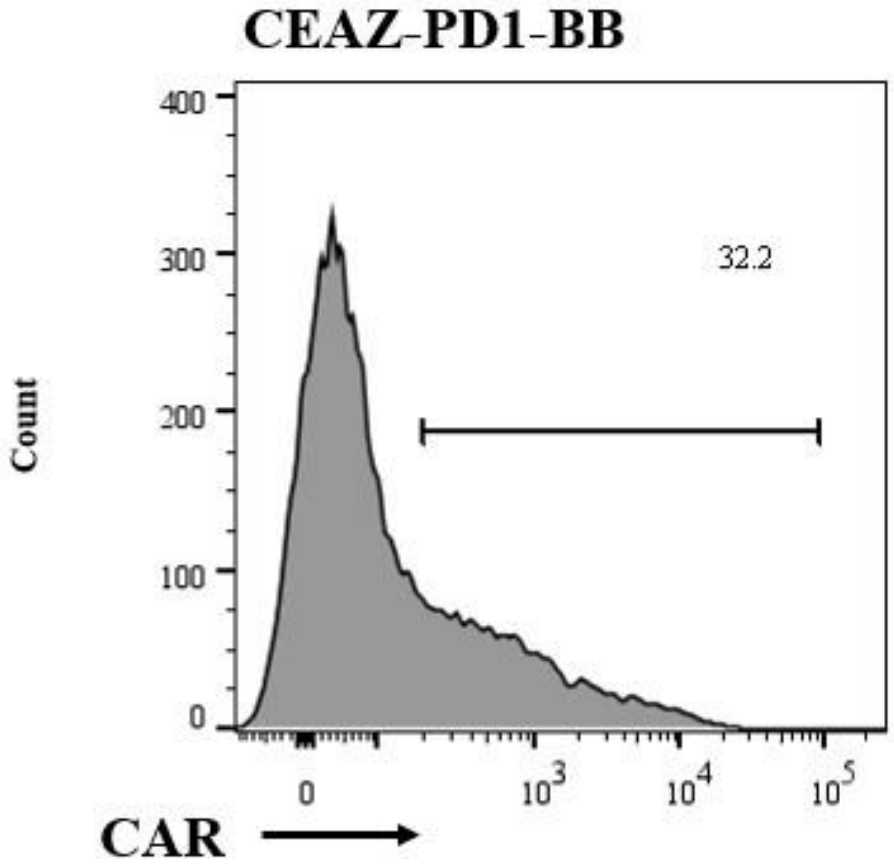

CEAZ
300
200
100
0
Count
54.4
0
10^3
10^4
10^5
CAR
CEAZ-PD1-28
400
300
200
100
0
Count
27.7
0
10^3
10^4
10^5
CAR

Figure 5b



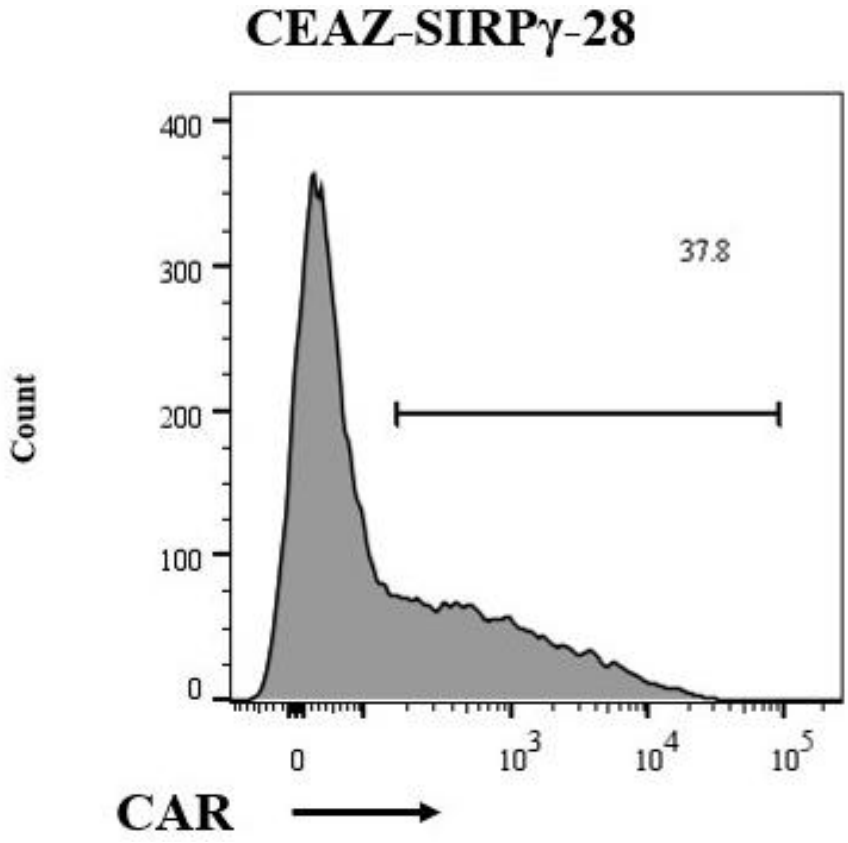
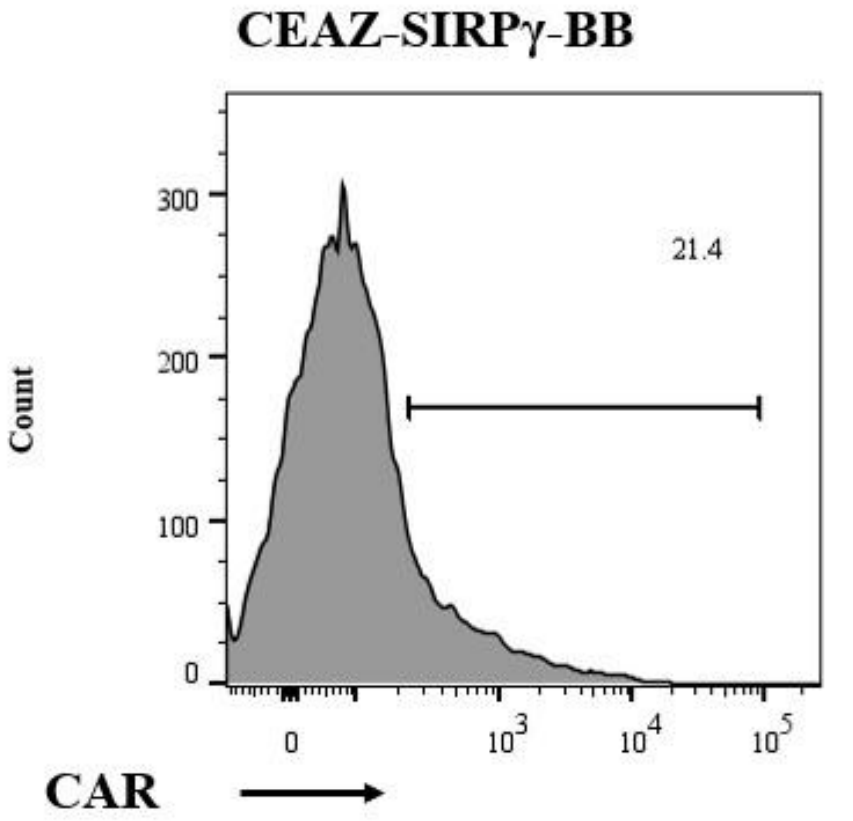


Figure 5b (Cont.)



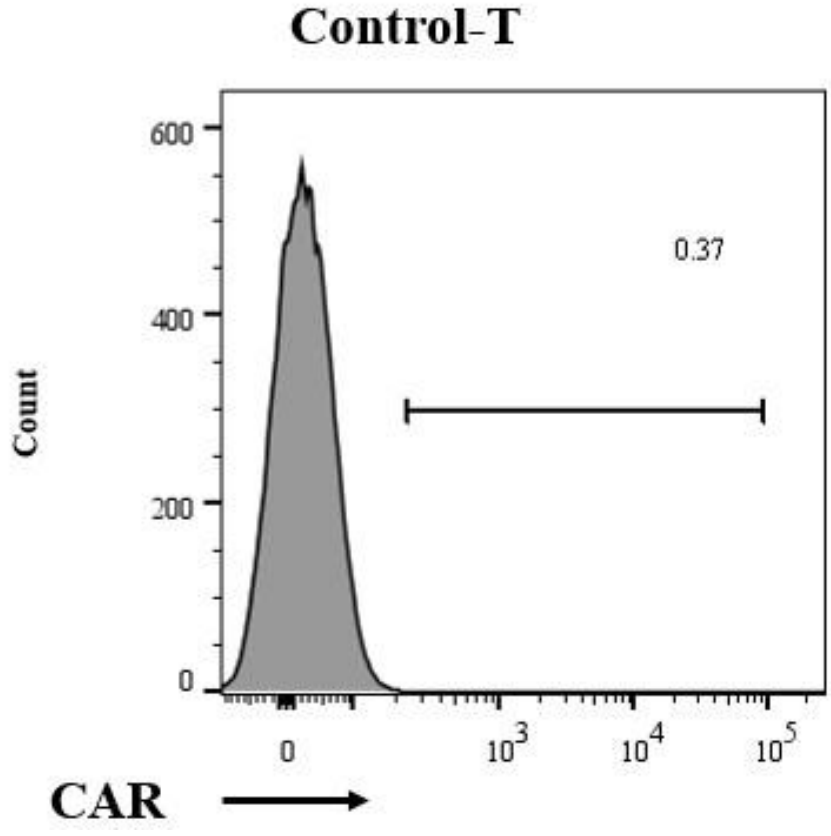


Figure 5b (Cont.)

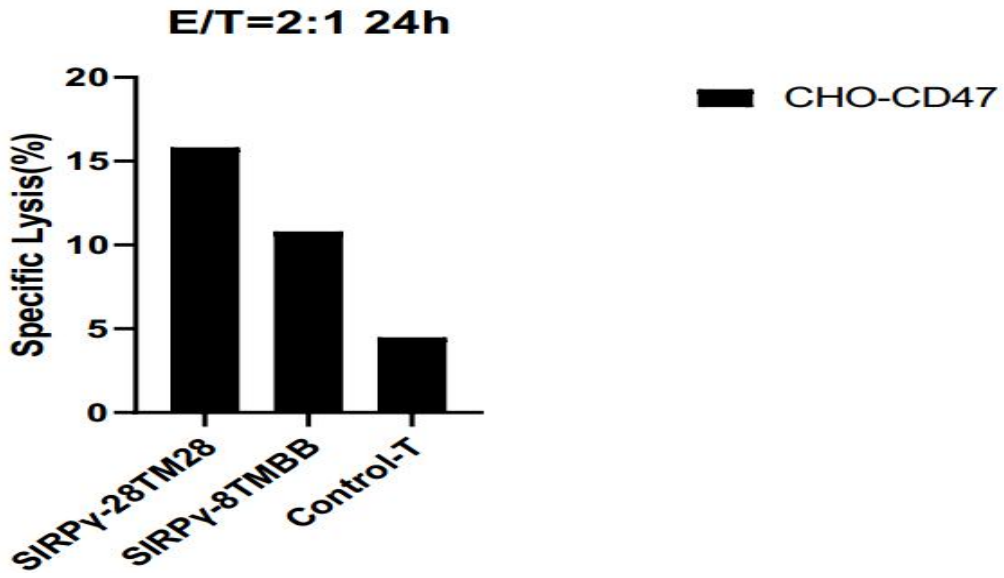


Figure 6a

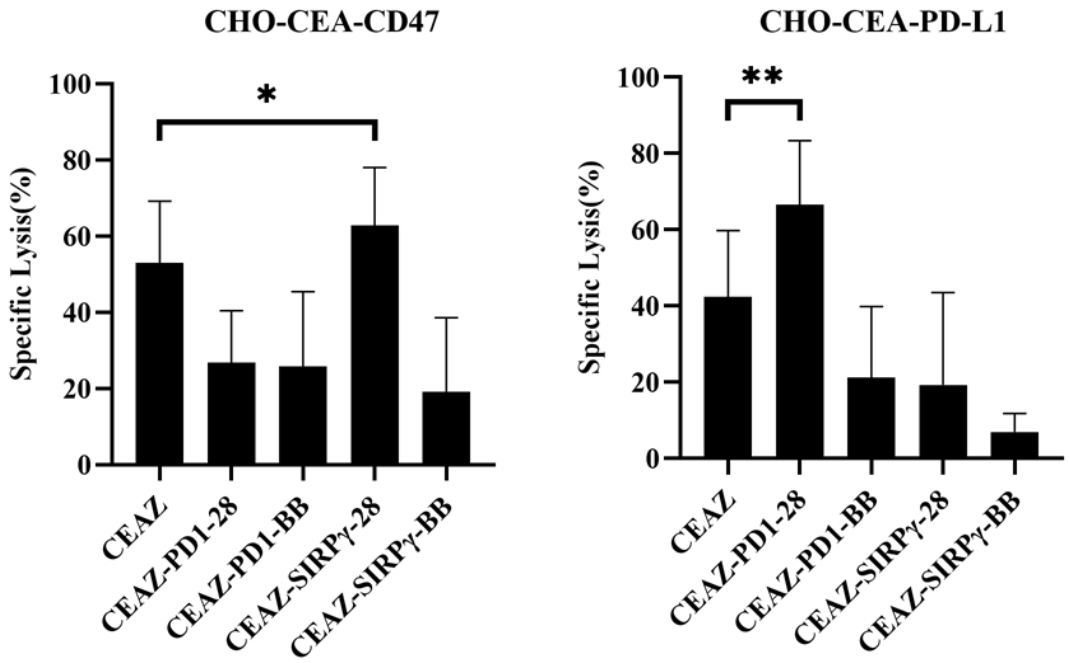


Figure 6b

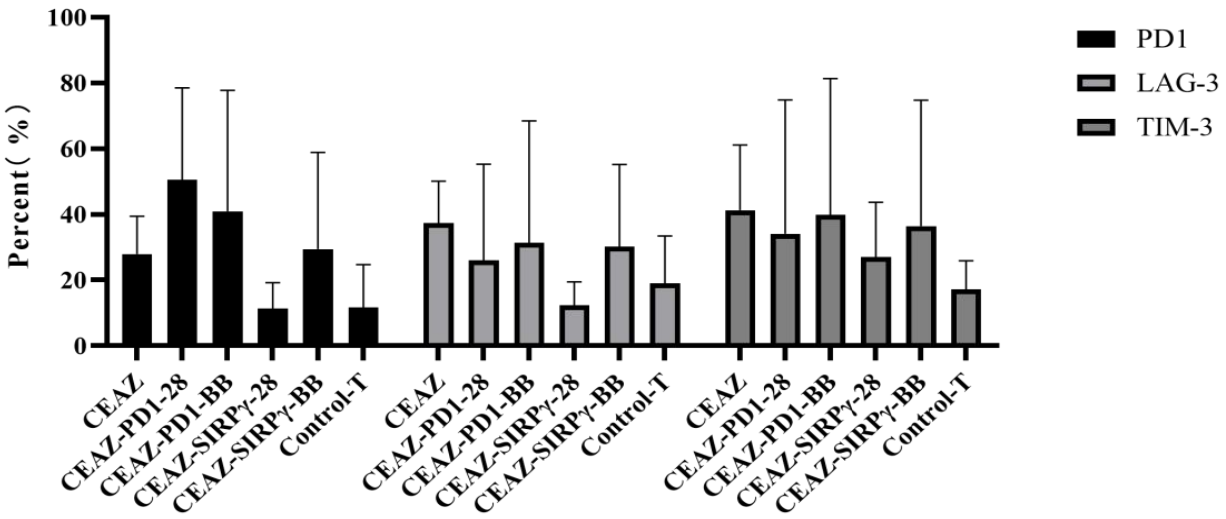

Percent(%)
100
80
60
40
20
0
PD1
LAG-3
TIM-3
CEAZ
CEAZ-PD1-28
CEAZ-PD1-BB
CEAZ-SIRPγ-28
CEAZ-SIRPγ-BB
Control-T

Figure 7

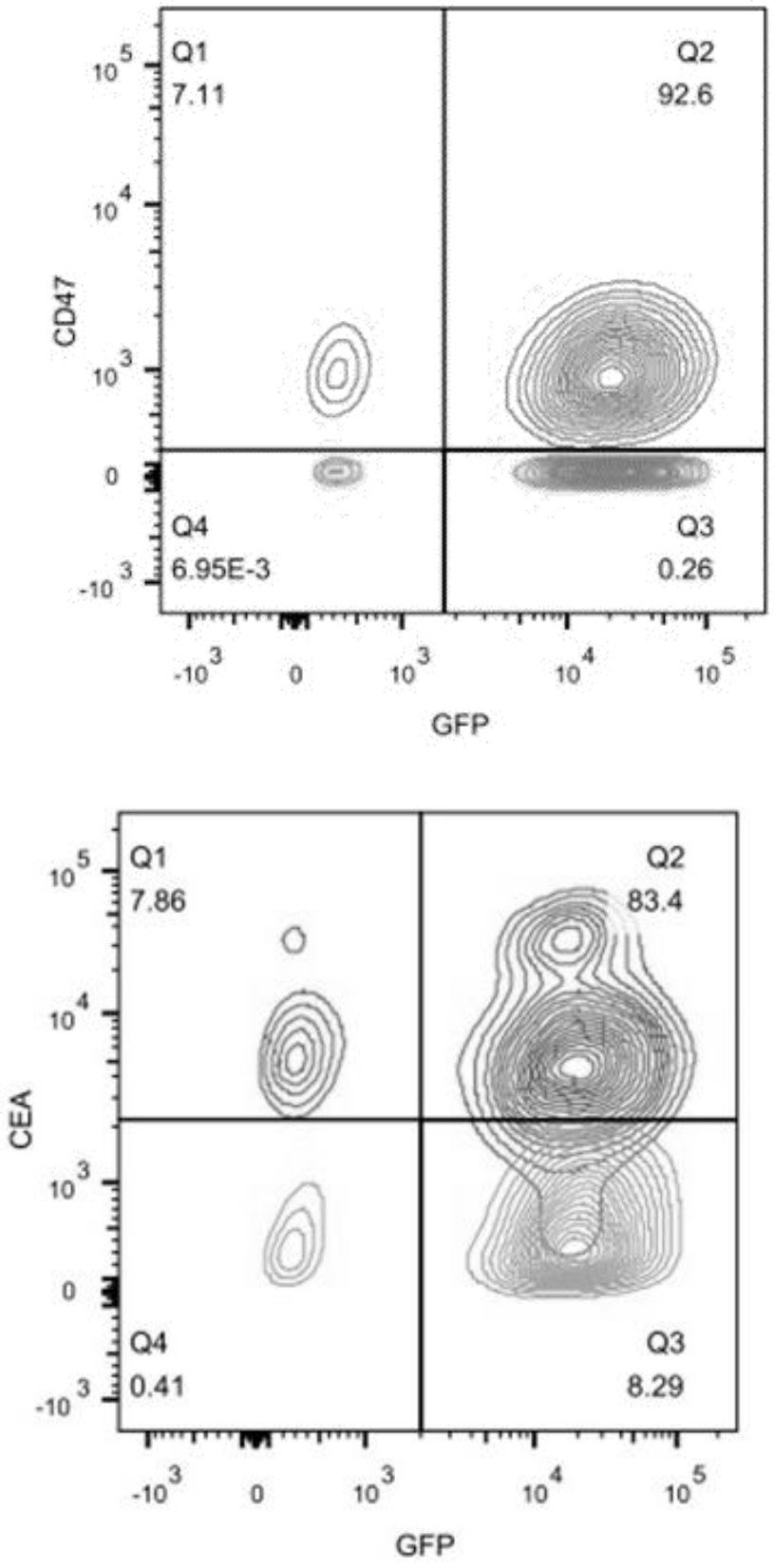

Q1
7.11
Q2
92.6
Q4
6.95E-3
Q3
0.26
CD47
GFP
Q1
7.86
Q2
83.4
Q4
0.41
Q3
8.29
CEA
GFP

Figure 8a

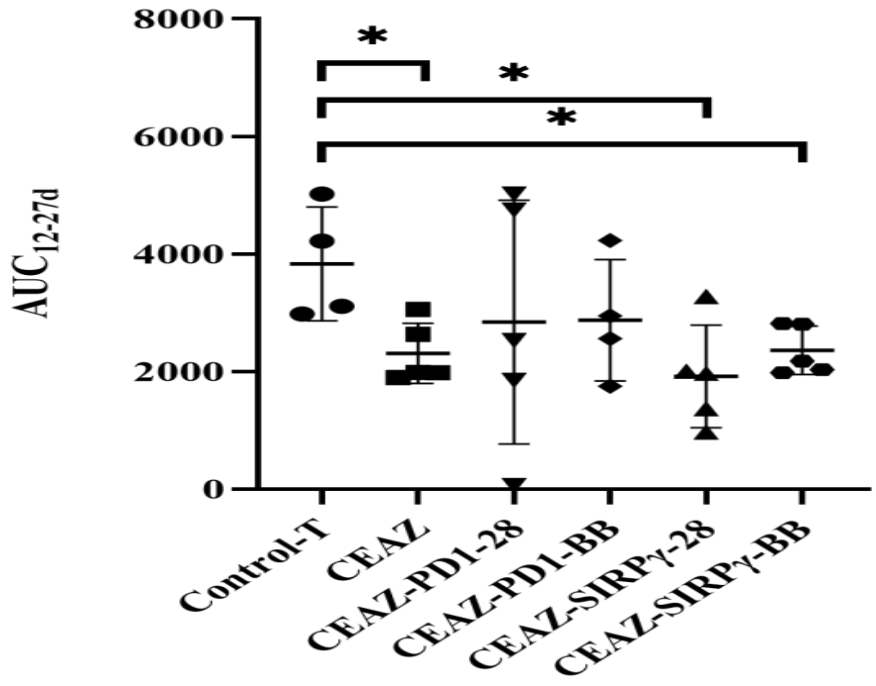


Figure 8b

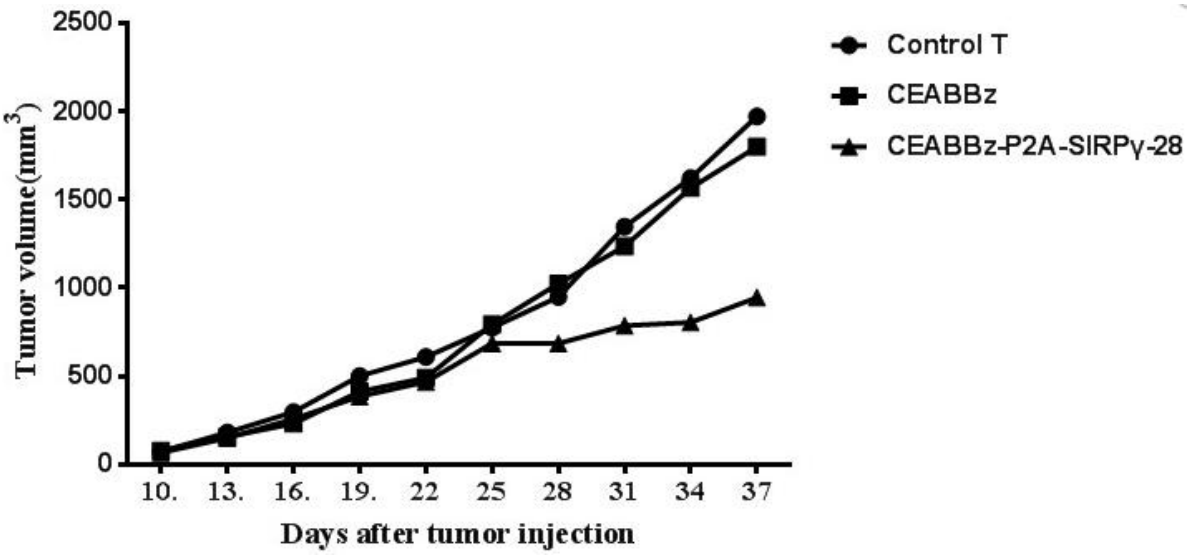


Figure 9

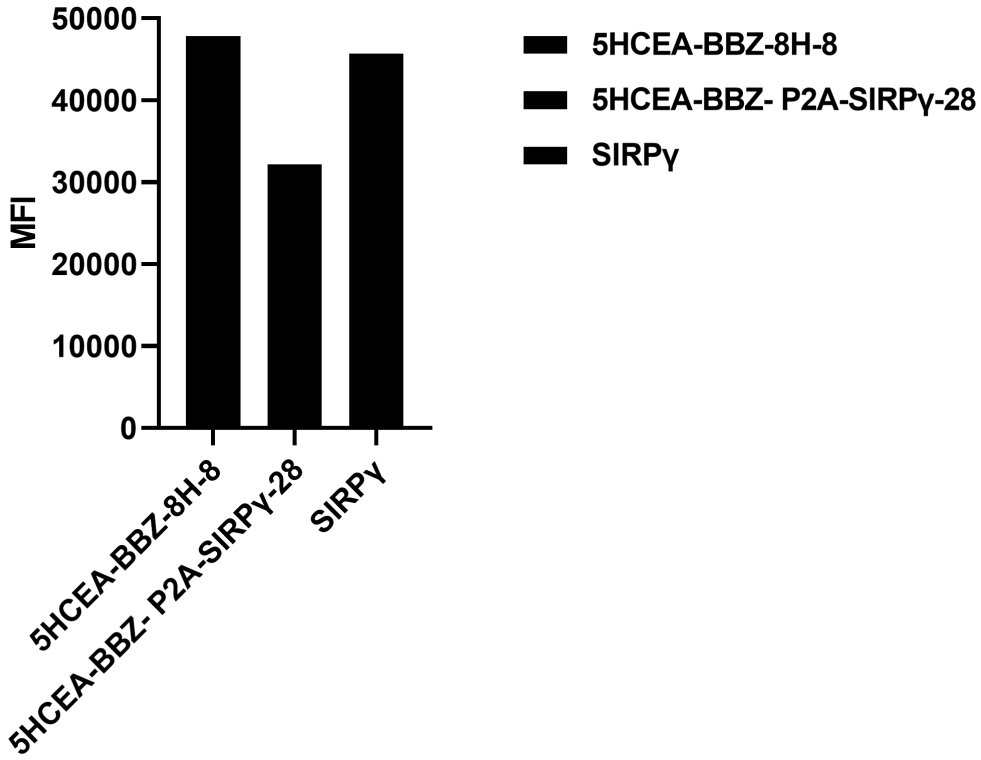


Figure 10

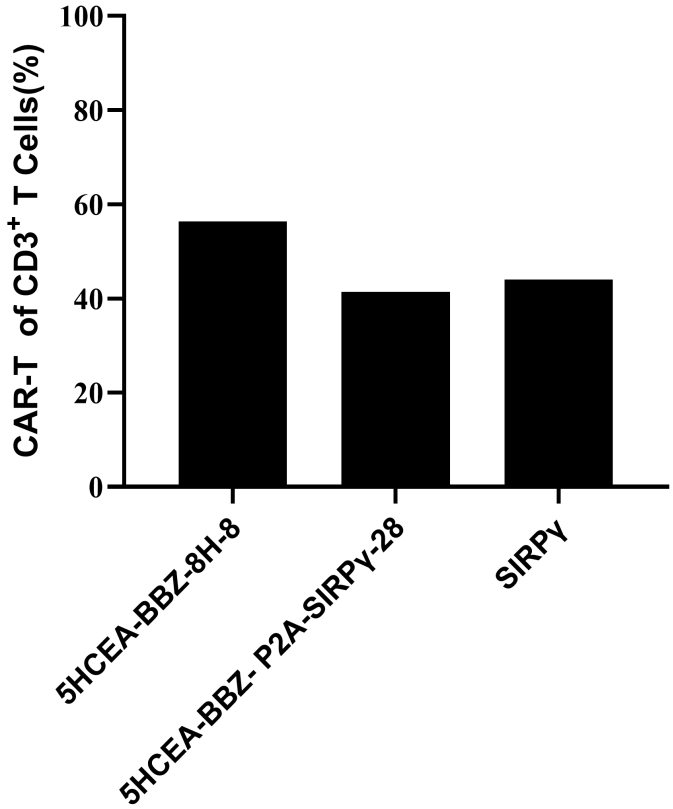


Figure 11

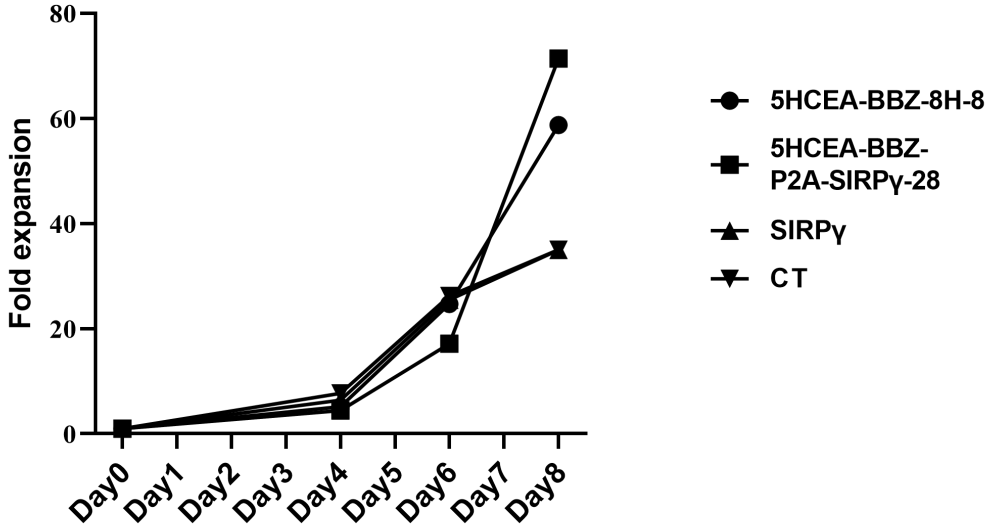


Figure 12

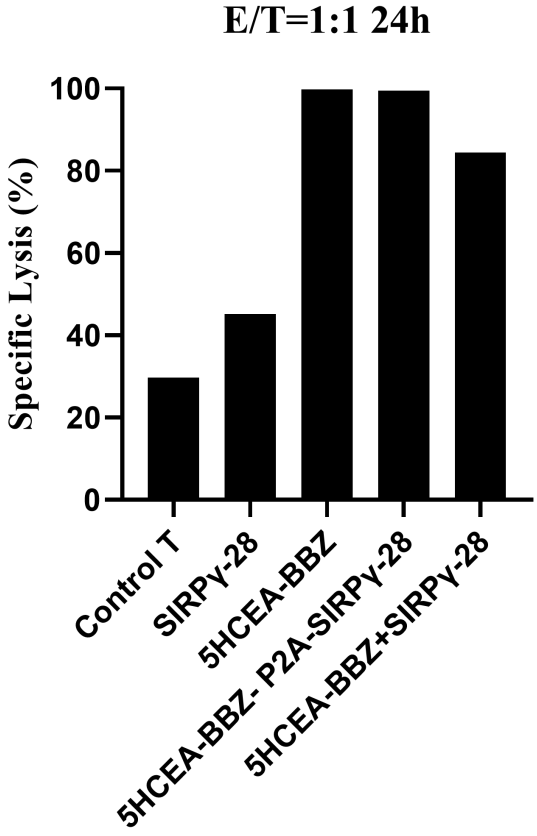


Figure 13

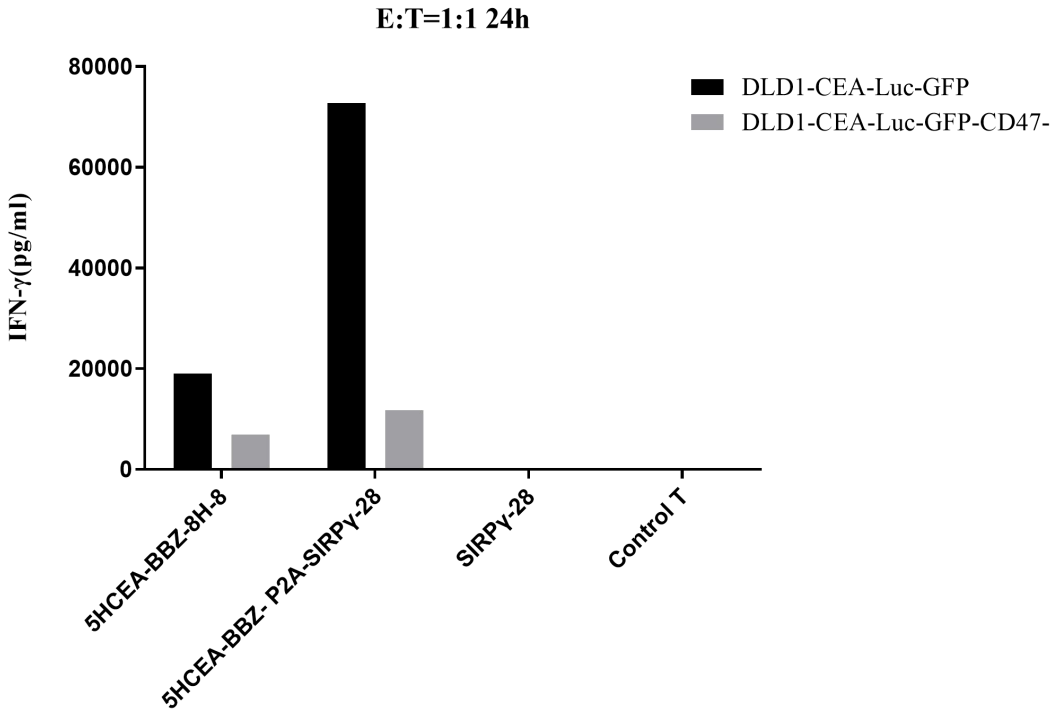


Figure 14

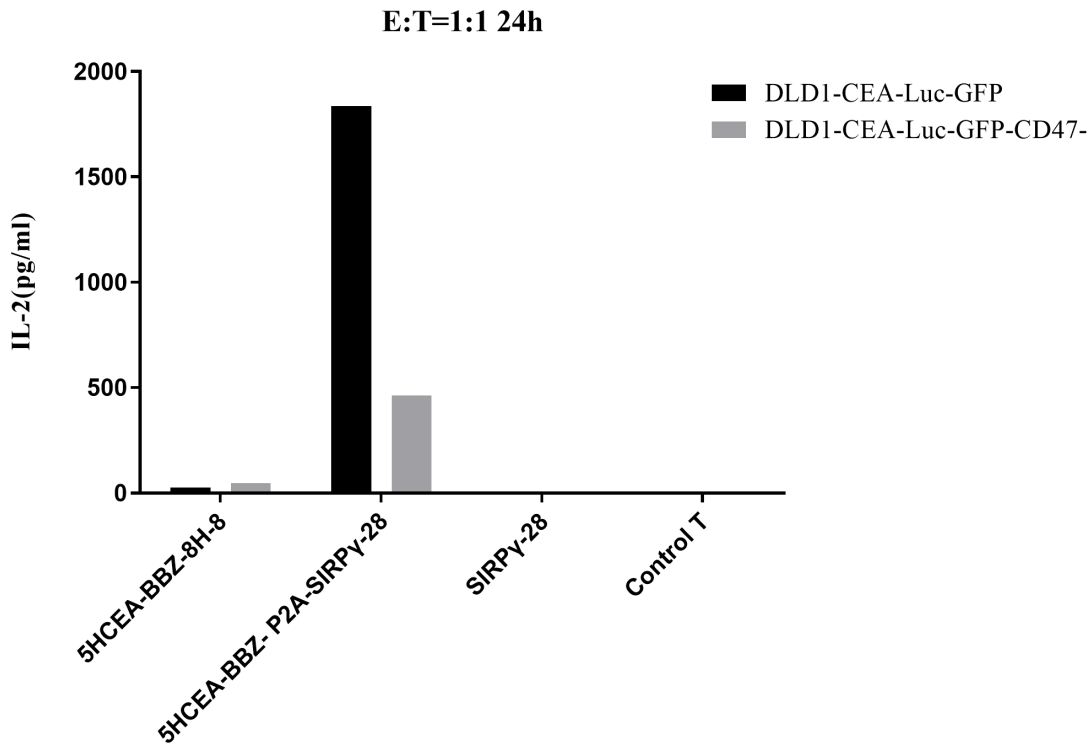


Figure 15

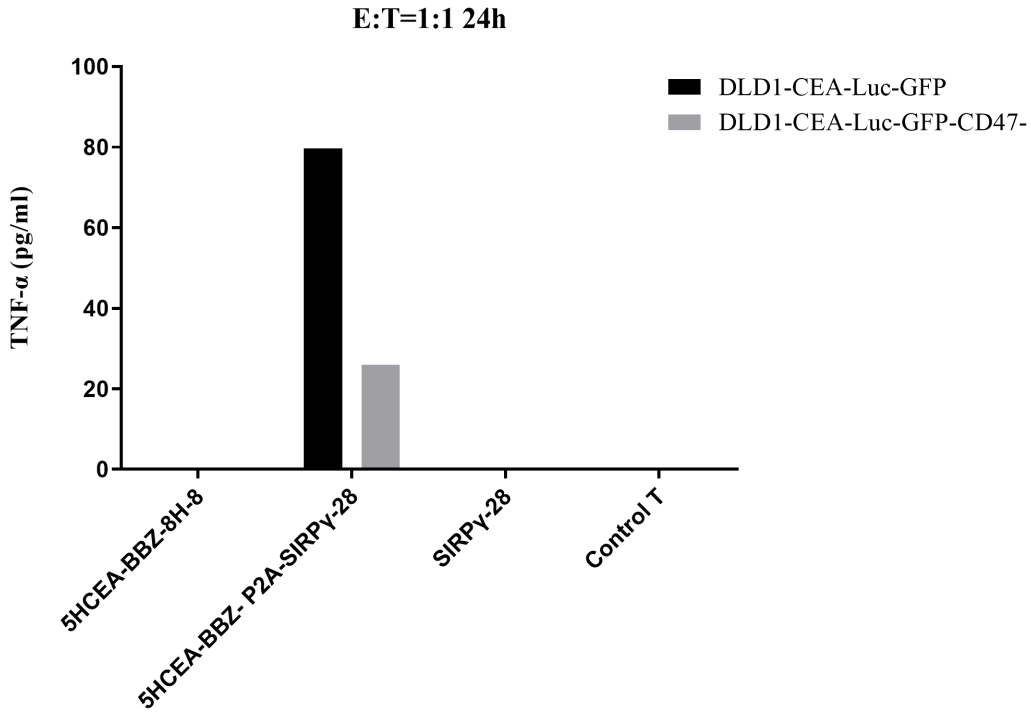

E:T=1:1 24h
DLD1-CEA-Luc-GFP
DLD1-CEA-Luc-GFP-CD47-
TNF-α (pg/ml)
100
80
60
40
20
0
5HCEA-BBZ-8H-8
5HCEA-BBZ- P2A-SIRPγ-28
SIRPγ-28
Control T

Figure 16

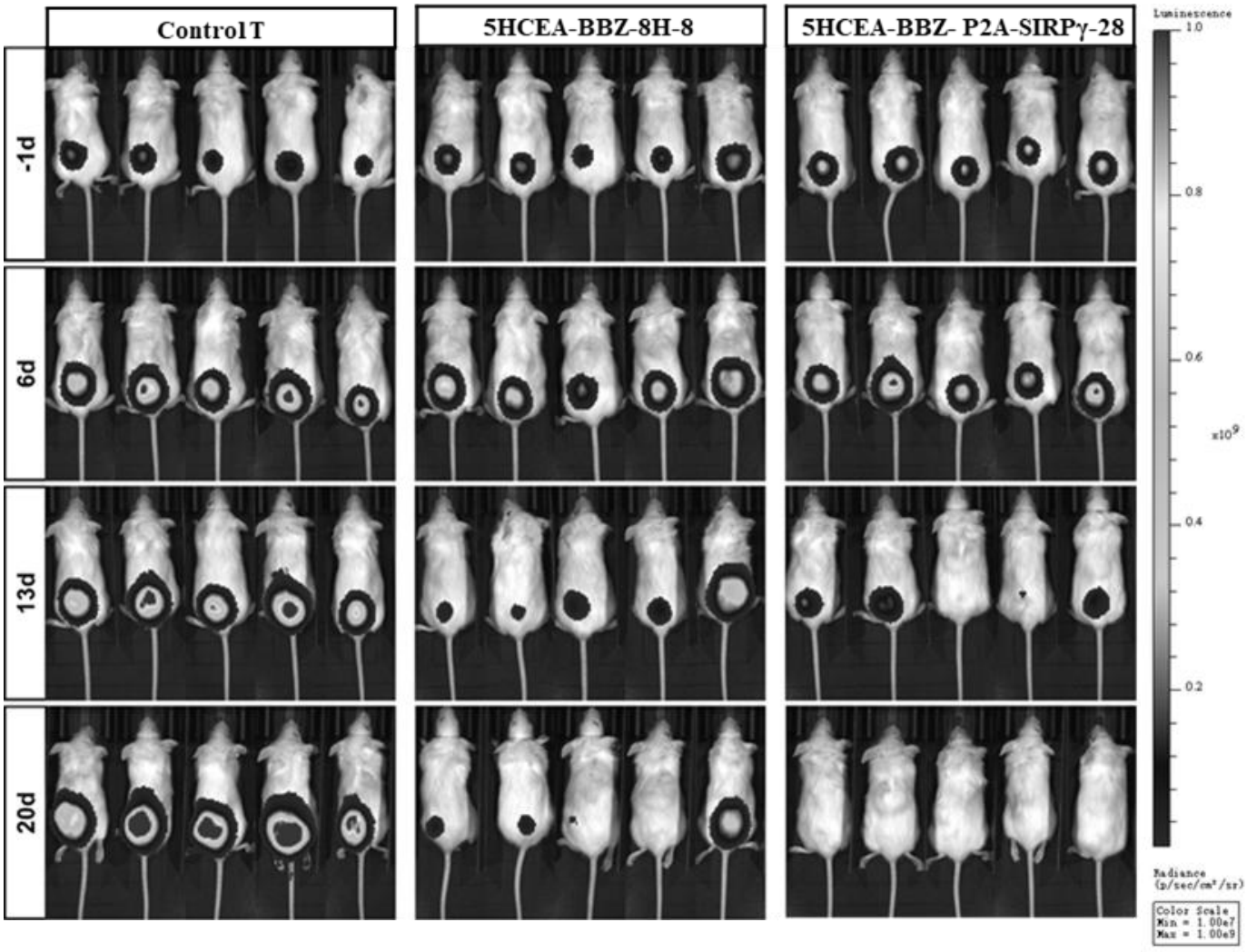


Figure 17

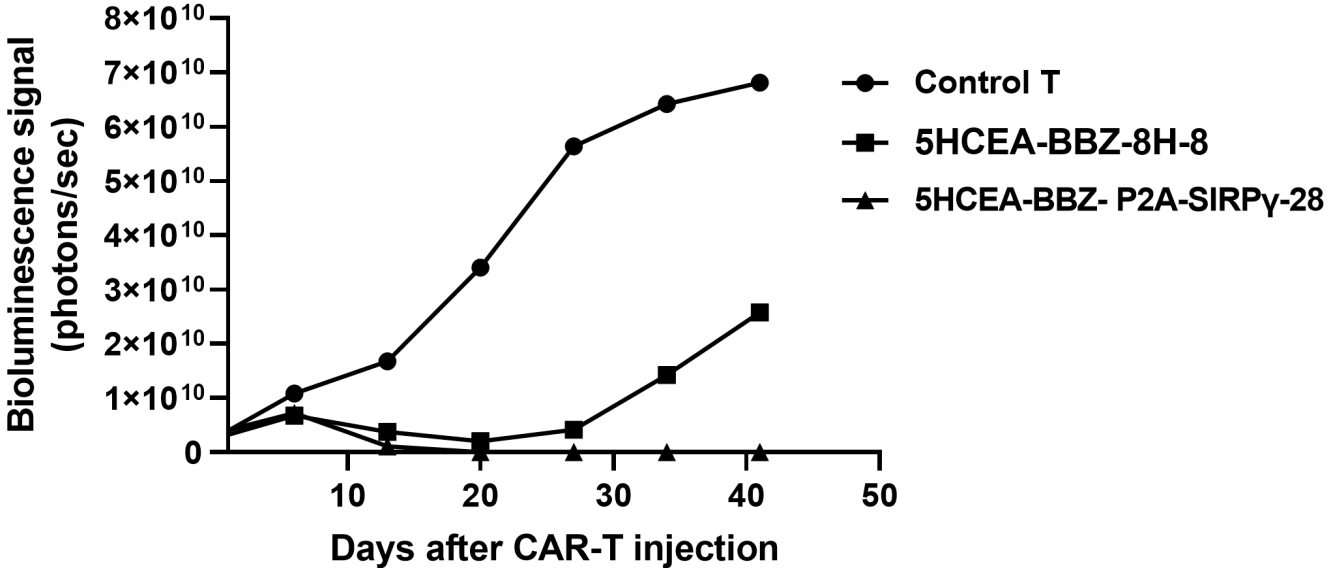


Figure 18

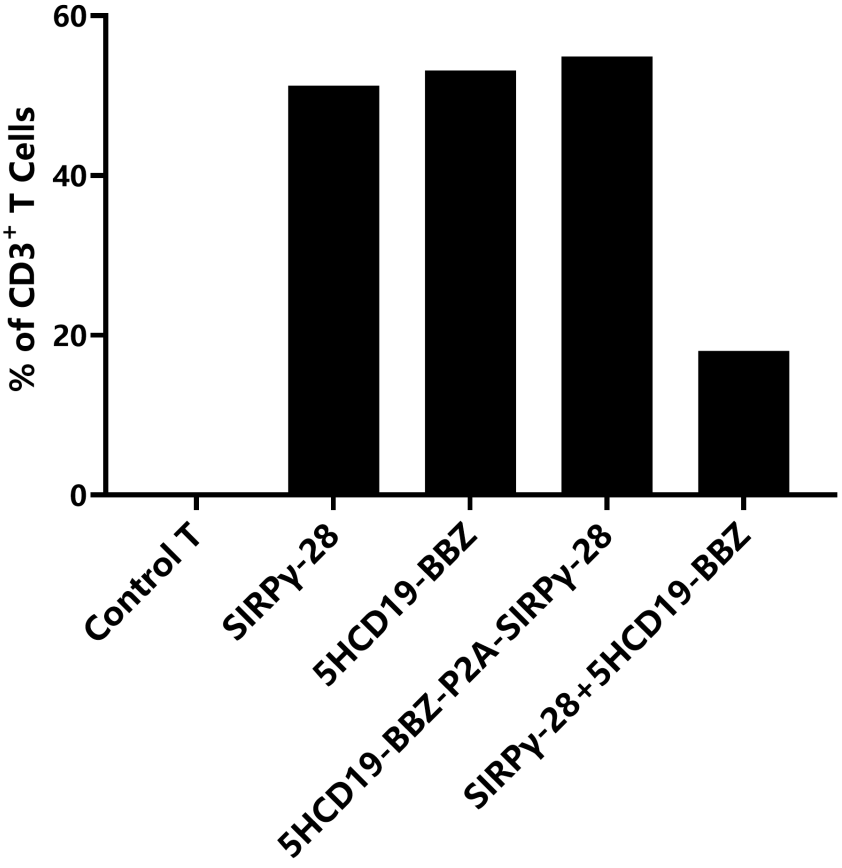


Figure 19

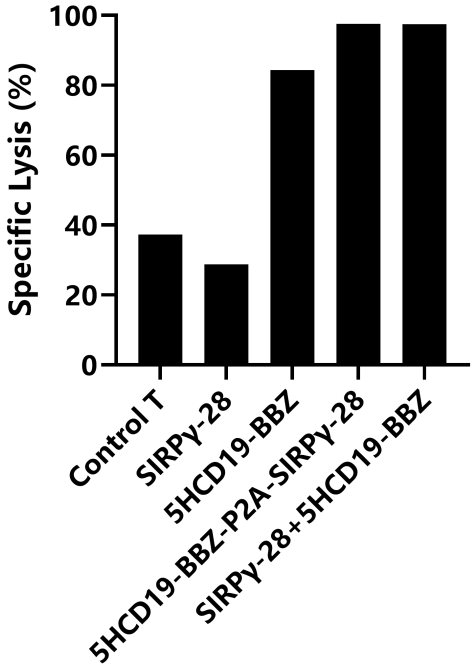


Figure 20

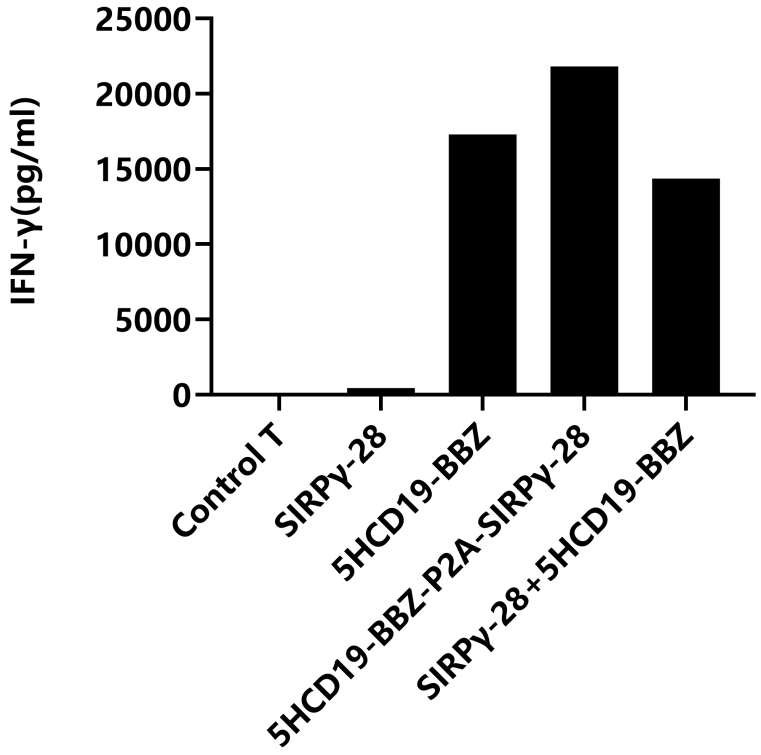


Figure 21

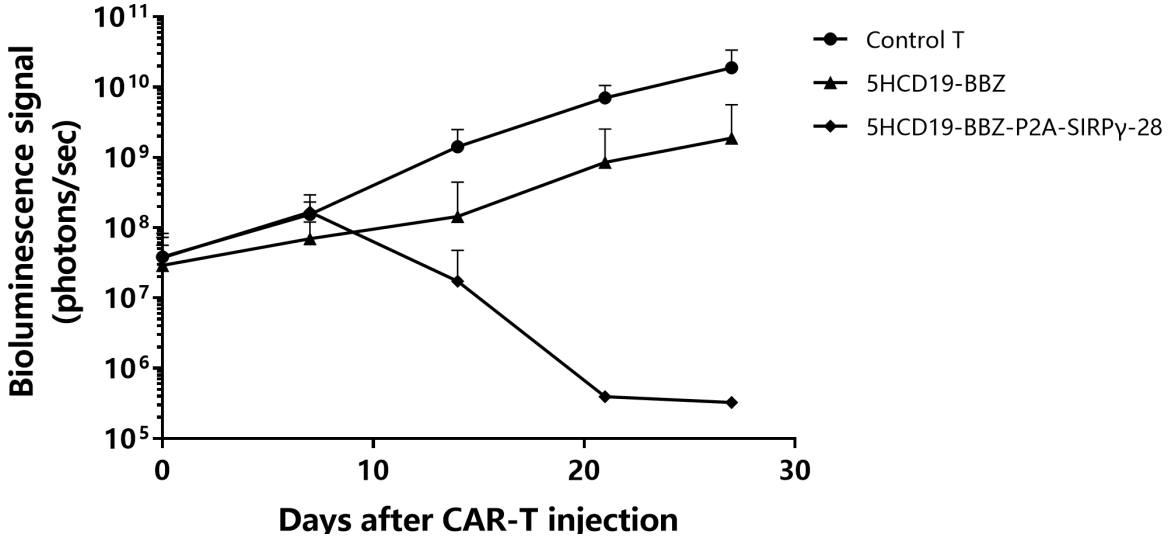


Figure 22

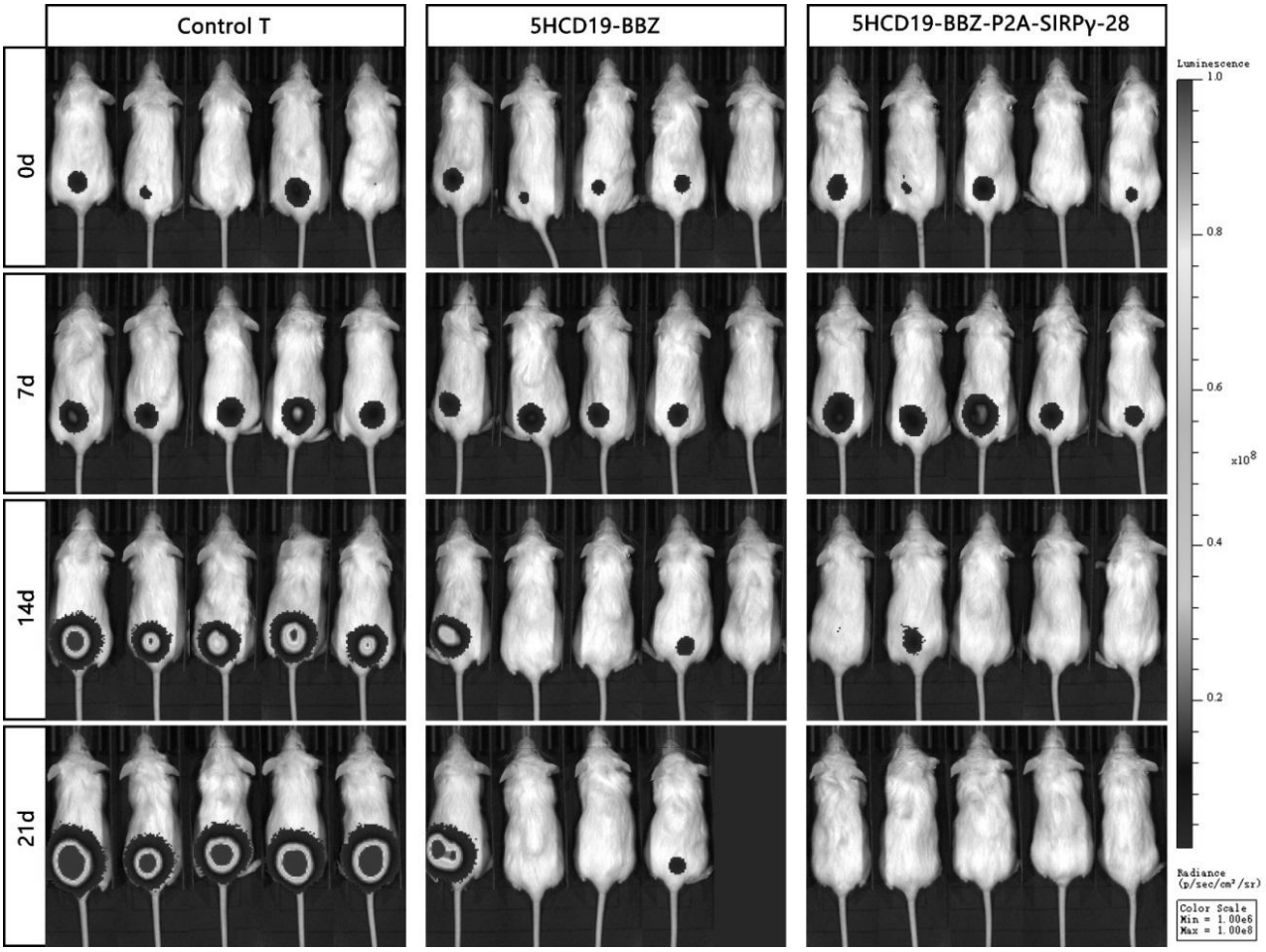


Figure 23

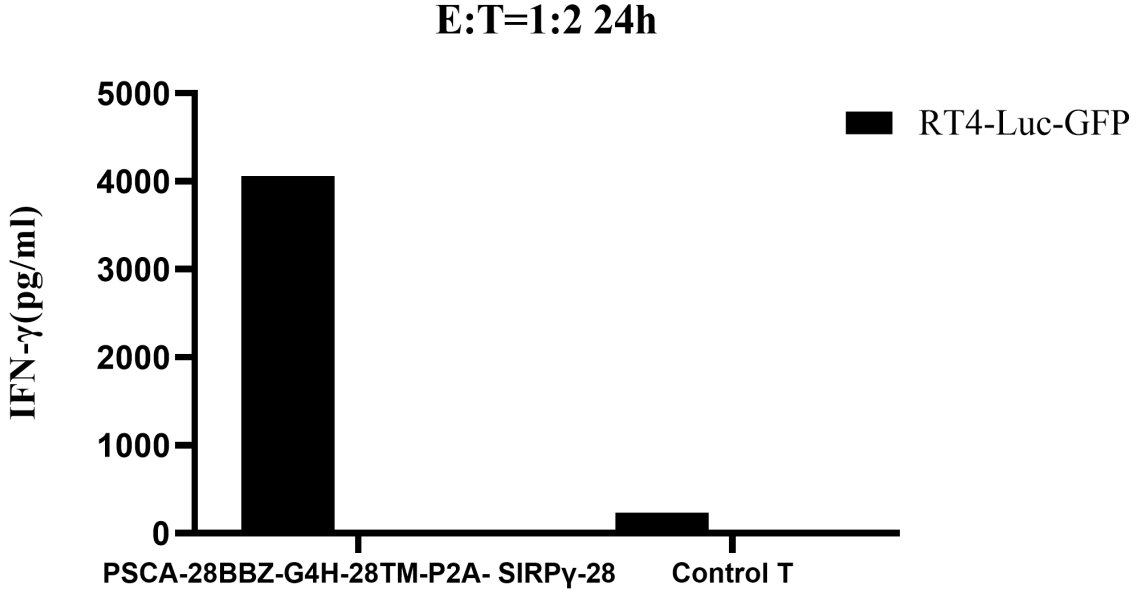


Figure 24

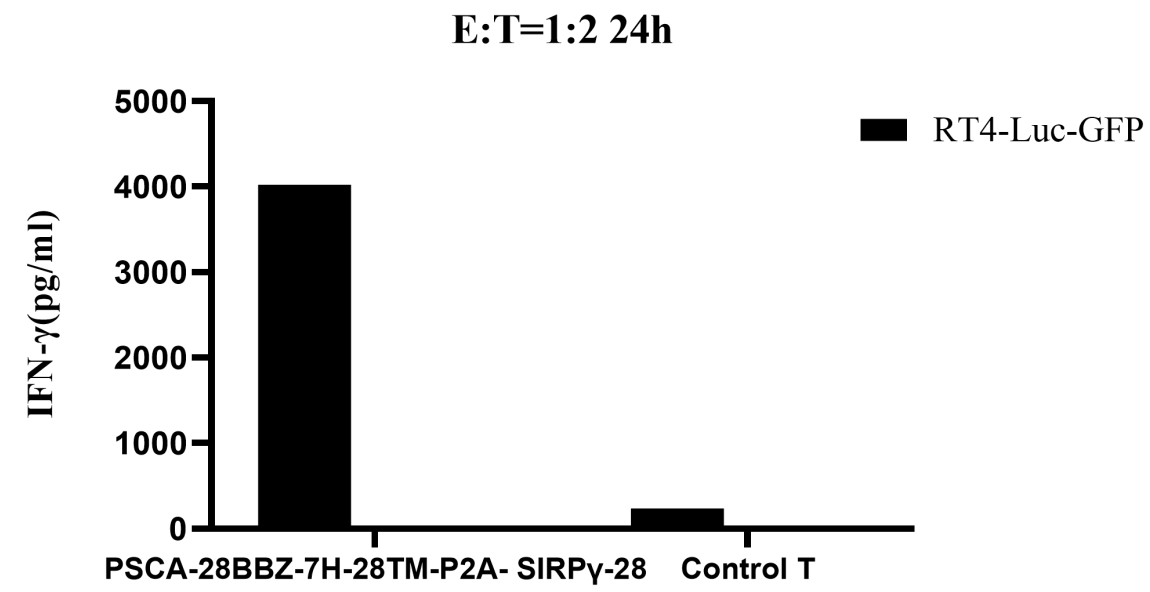


Figure 25

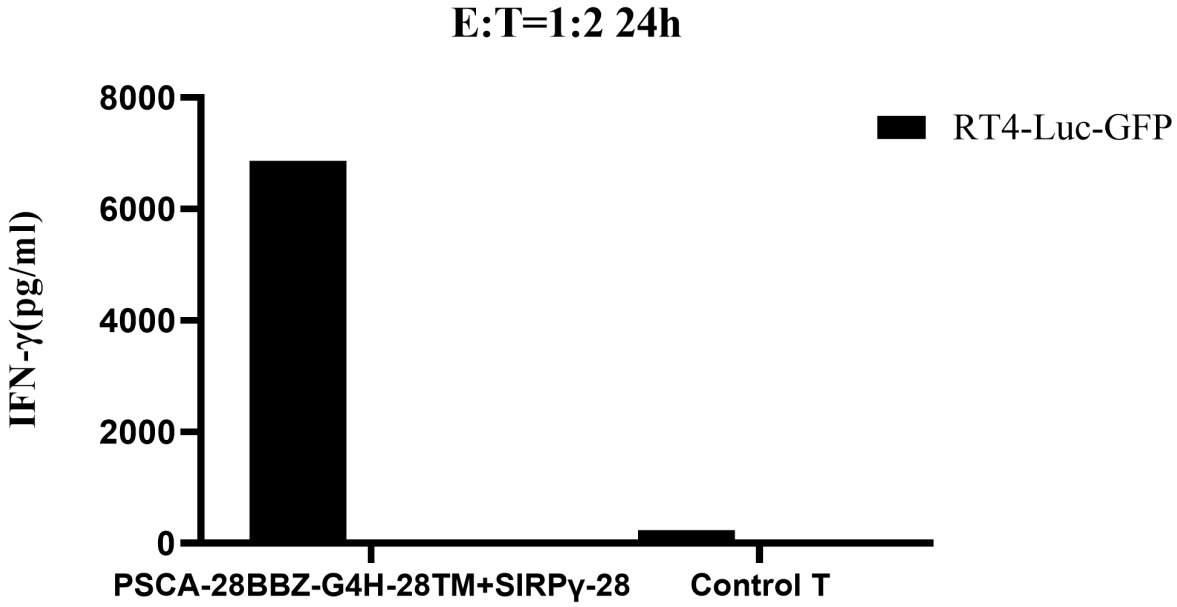


Figure 26

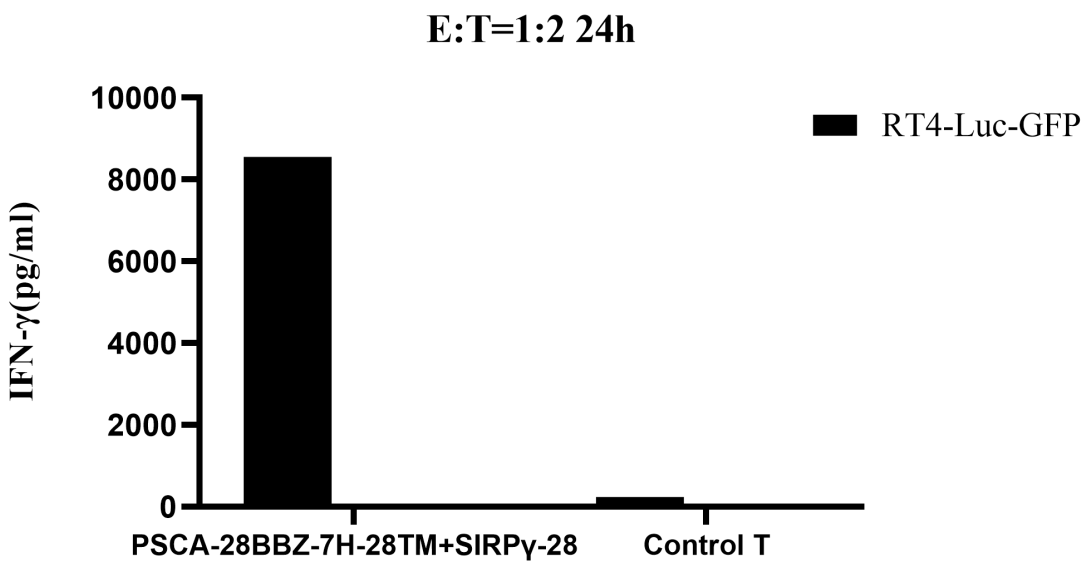


Figure 27

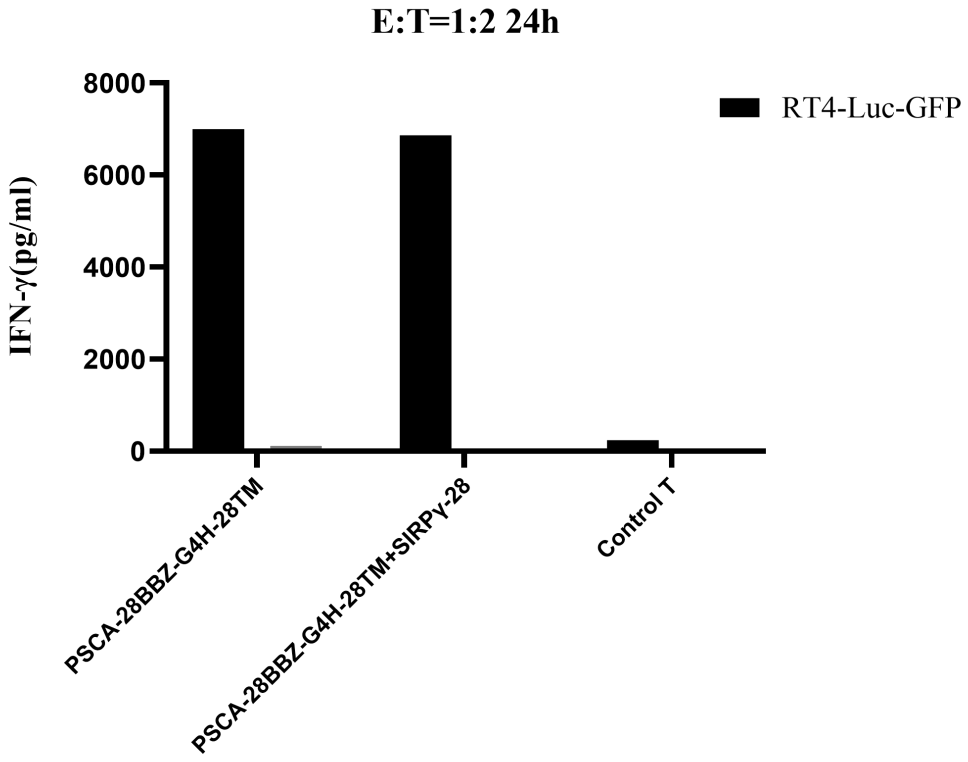


Figure 28

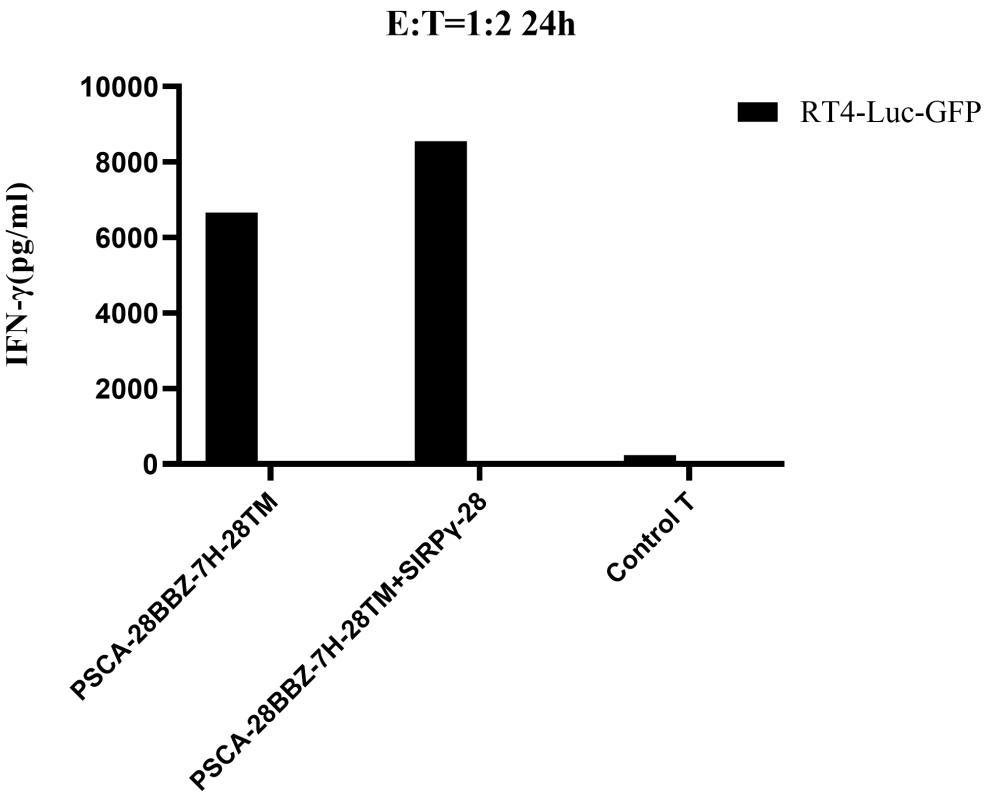


Figure 29

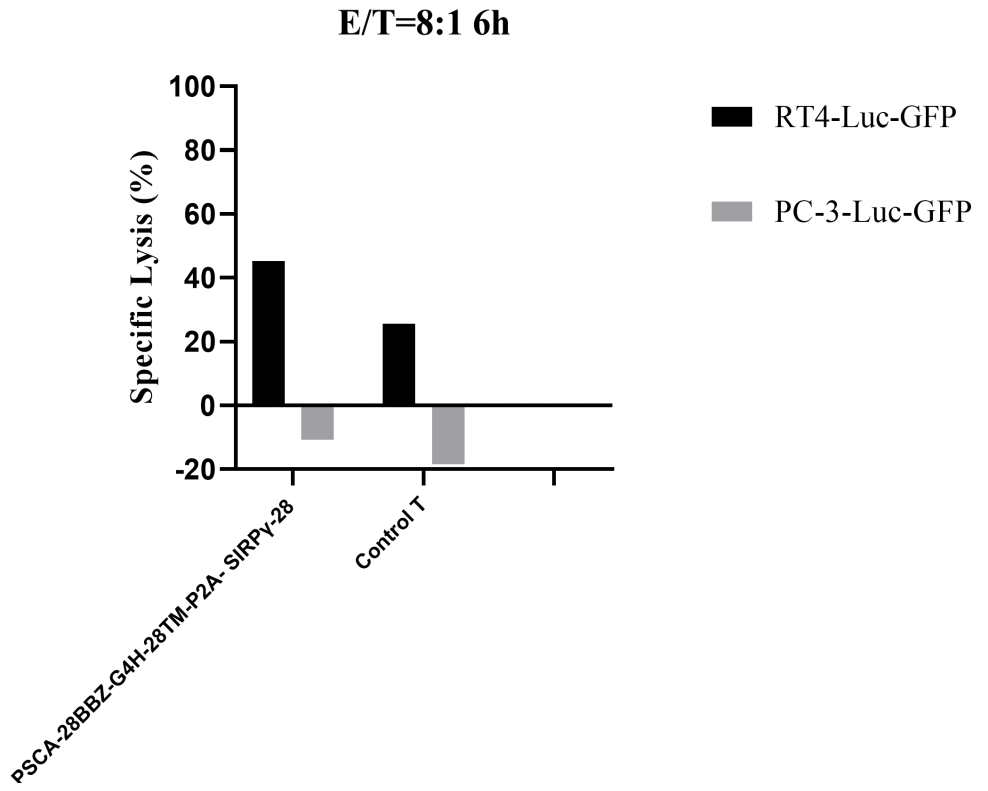


Figure 30

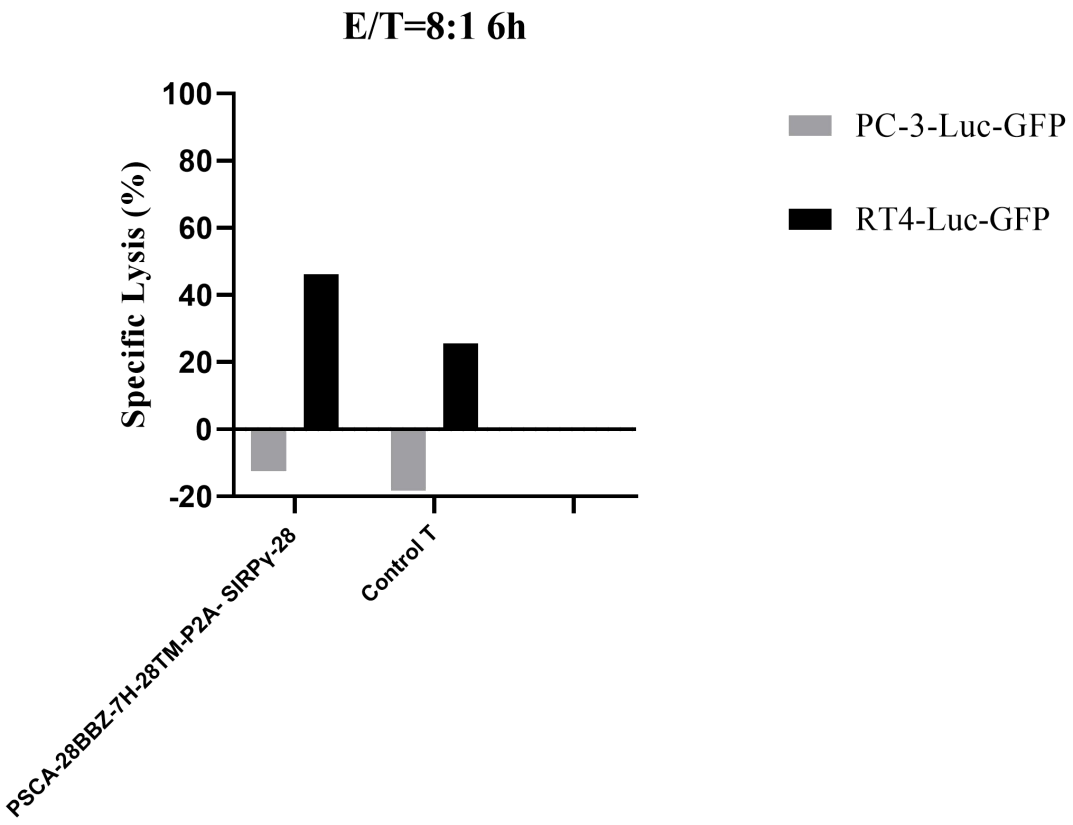


Figure 31

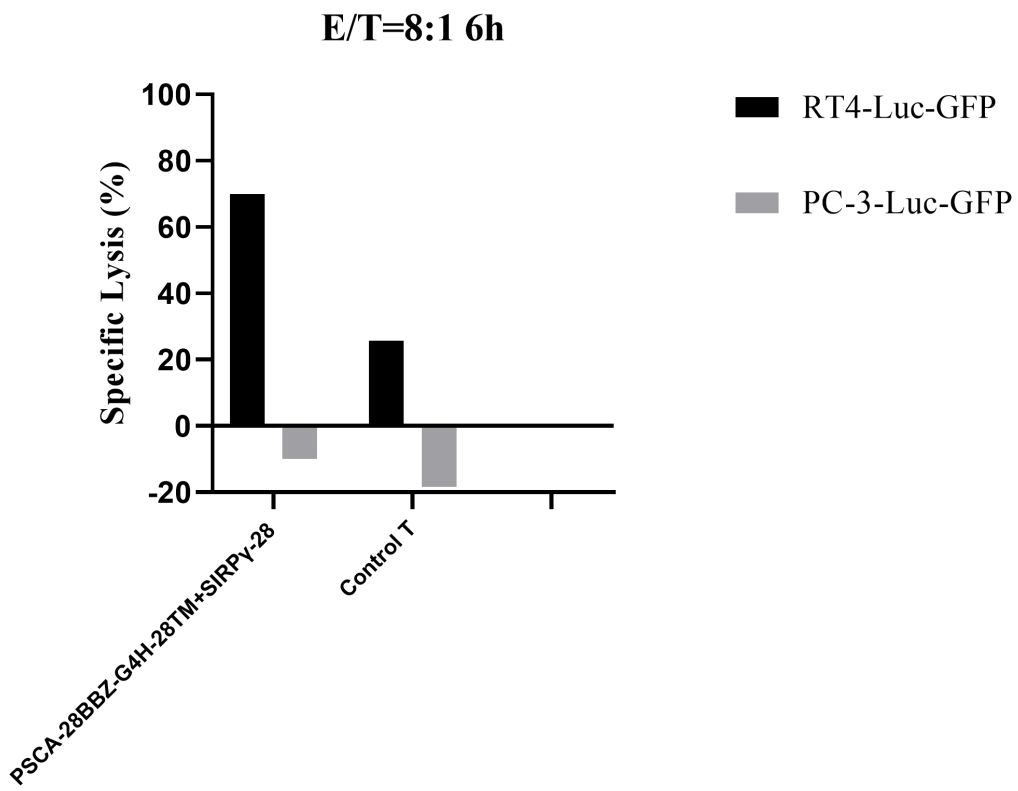


Figure 32

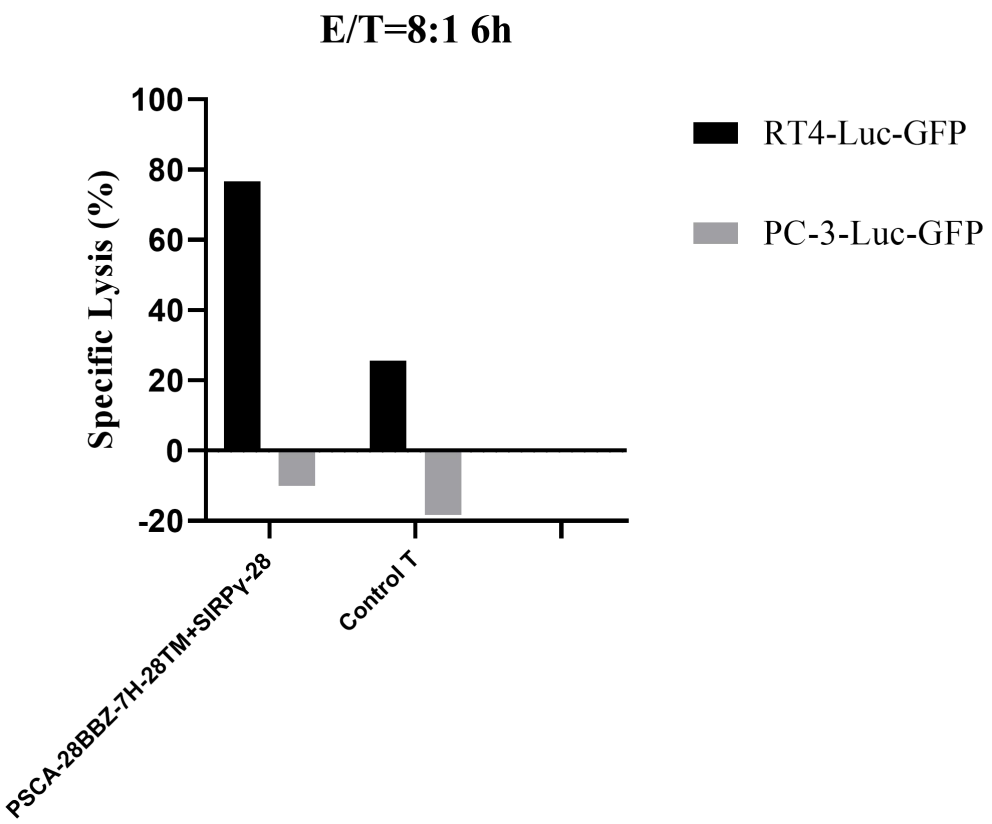


Figure 33

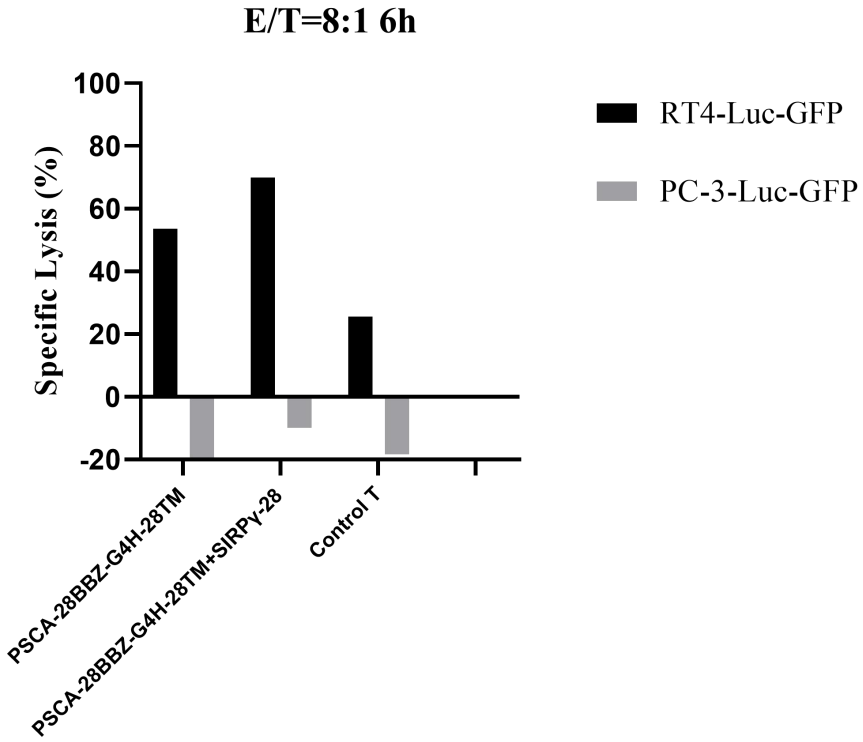


Figure 34

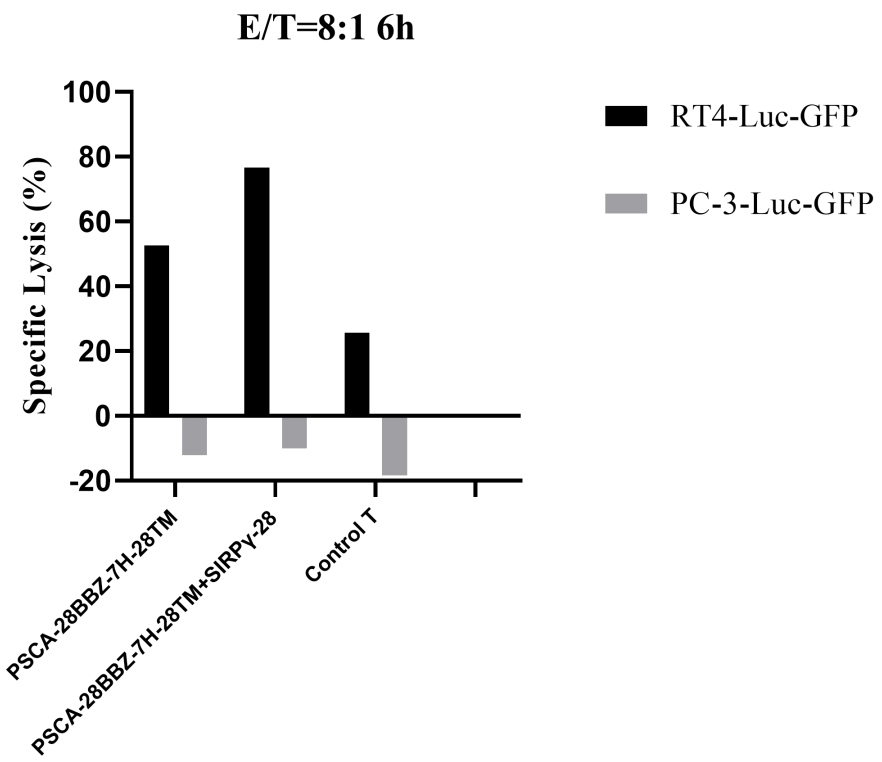

E/T=8:1 6h
Specific Lysis (%)
100
80
60
40
20
0
-20
RT4-Luc-GFP
PC-3-Luc-GFP
PSCA-28BBZ-7H-28TM
PSCA-28BBZ-7H-28TM+SIRPγ-28
Control T

Figure 35