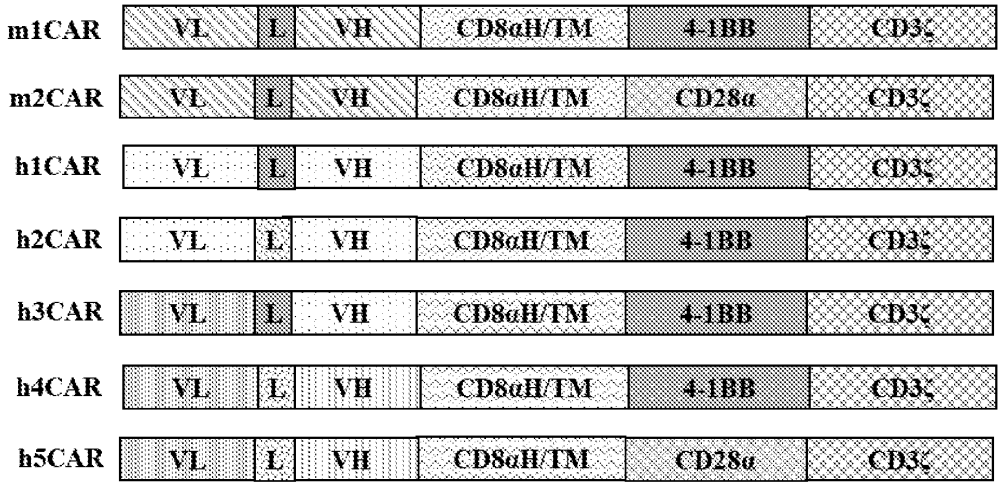


Figure 1

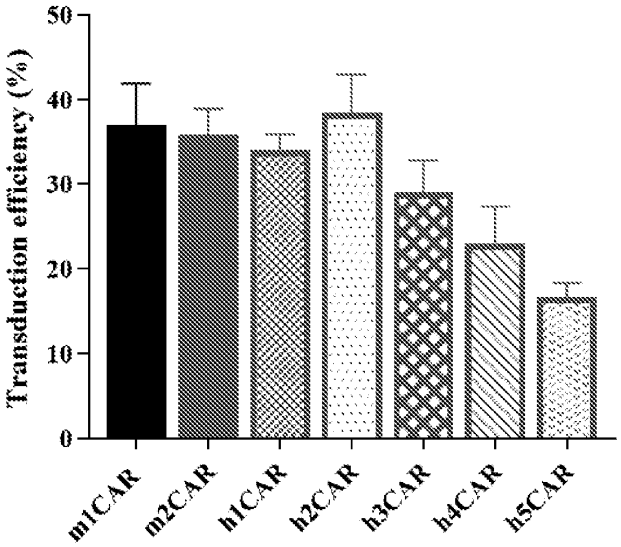


Figure 2

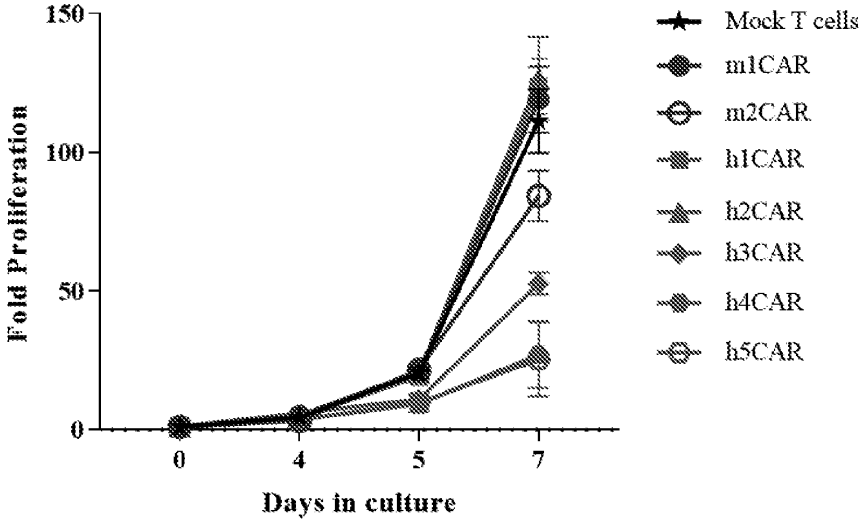


Figure 3

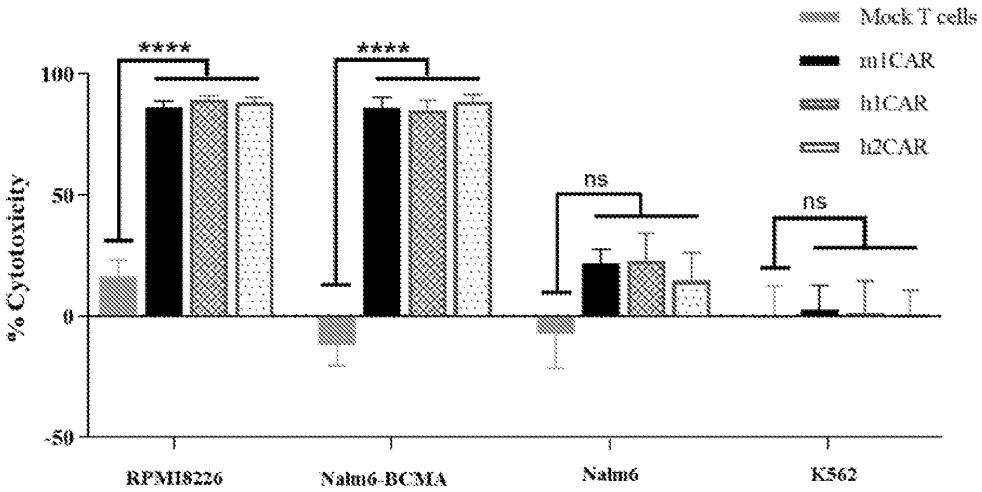
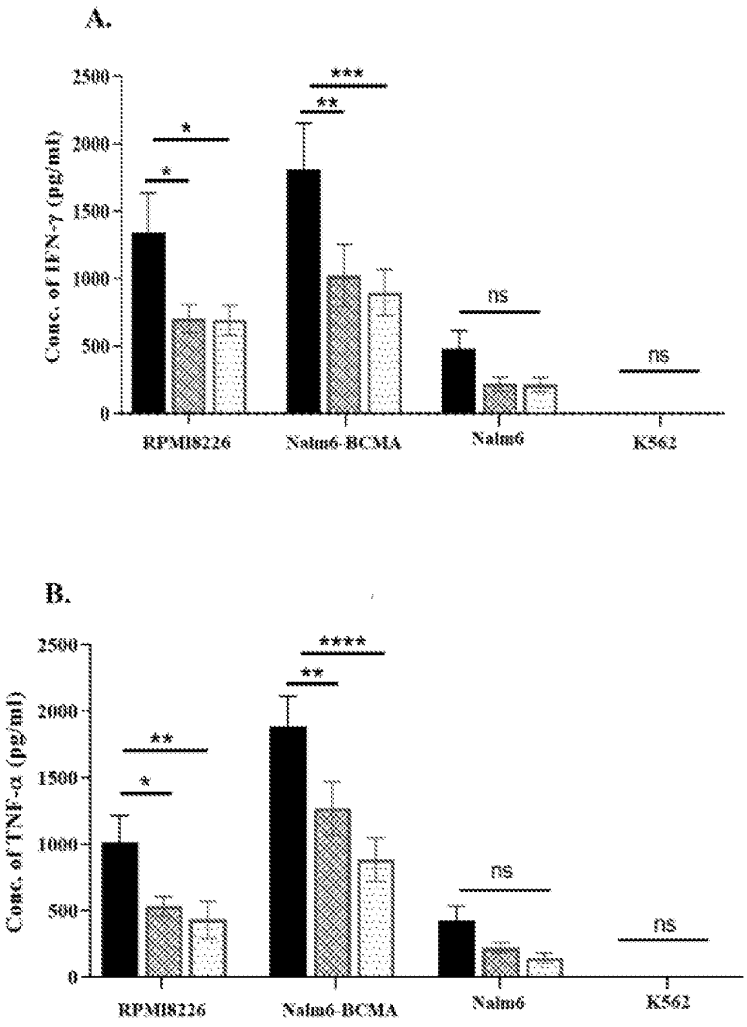


Figure 4


A.
Conc. of IFN-γ (pg/ml)
2500
2000
1500
1000
500
0
*
*
***
**
ns
ns
RPMI8226
Nalm6-BCMA
Nalm6
K562
B.
Conc. of TNF-α (pg/ml)
2500
2000
1500
1000
500
0
**
*
****
**
ns
ns
RPMI8226
Nalm6-BCMA
Nalm6
K562

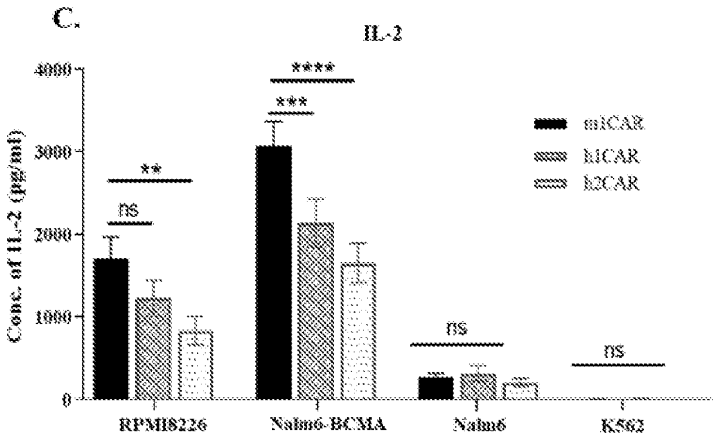


Figure 5

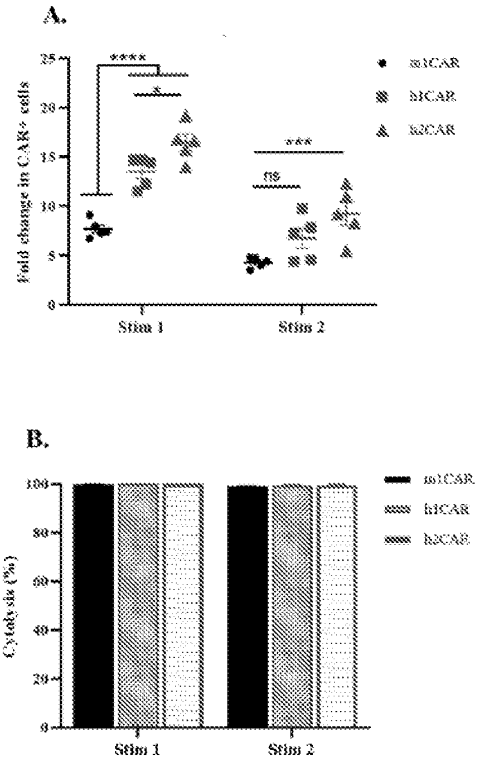


Figure 6

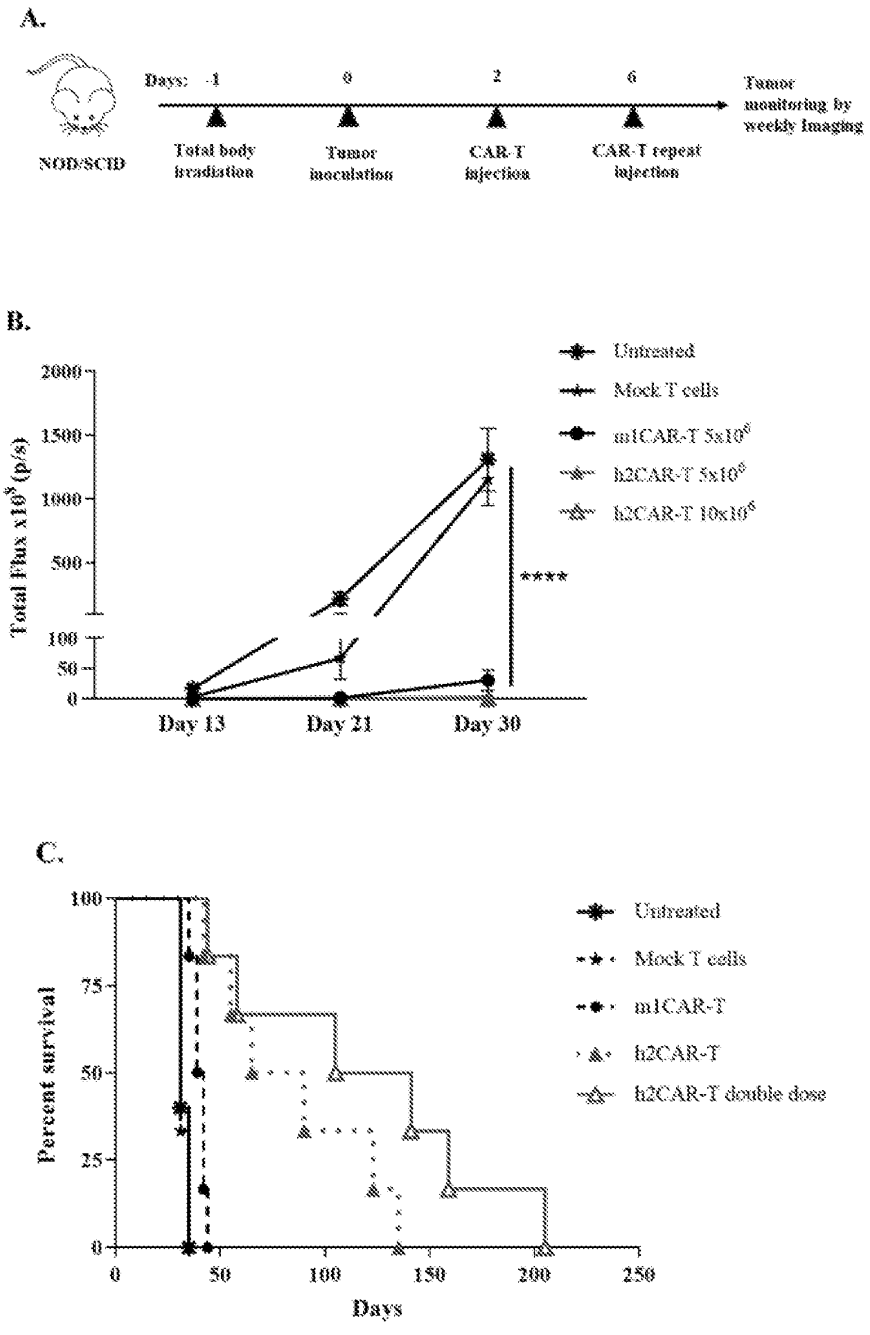

A.
Days: -1
0
2
6
Tumor monitoring by weekly Imaging
NOD/SCID
Total body irradiation
Tumor inoculation
CAR-T injection
CAR-T repeat injection
B.
Untreated
Mock T cells
m1CAR-T 5x10^6
h2CAR-T 5x10^6
h2CAR-T 10x10^6
Total Flux x10^3 (p/s)
2000
1500
1000
500
100
50
0
****
Day 13
Day 21
Day 30
C.
Untreated
Mock T cells
m1CAR-T
h2CAR-T
h2CAR-T double dose
Percent survival
100
75
50
25
0
0
50
100
150
200
250
Days

Figure 7