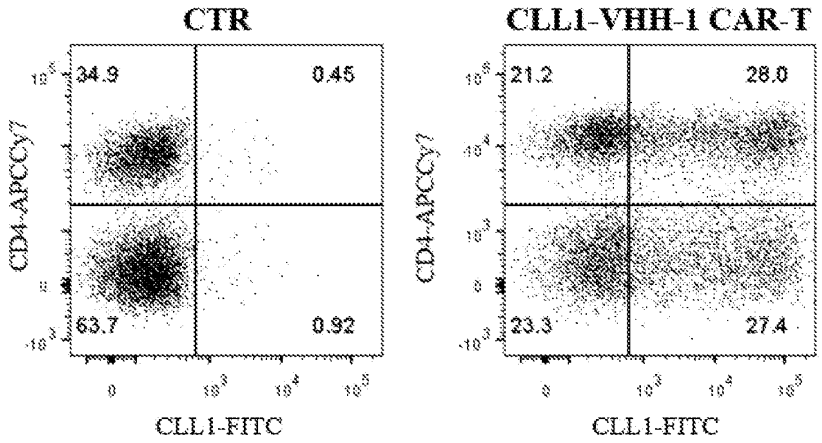
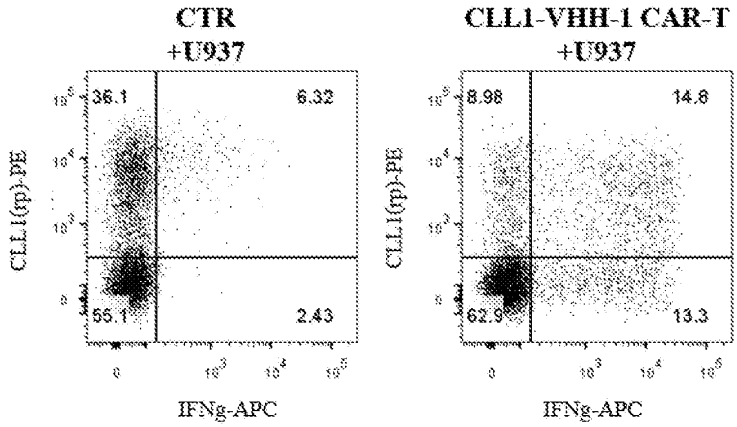
[图1]


5'
3'
Signal
CLL1-VHH-1
Hinge
CD8a
4-1BB
CD3ζ

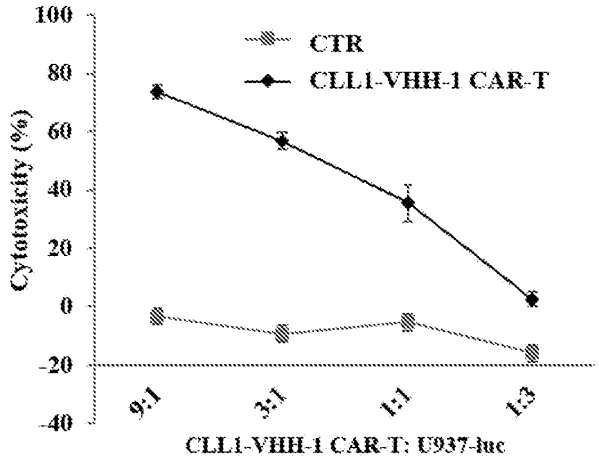
[图2]


CTR
CLL1-VHH-1 CAR-T
CD4-APCCy7
CLL1-FITC
34.9
0.45
63.7
0.92
21.2
28.0
23.3
27.4

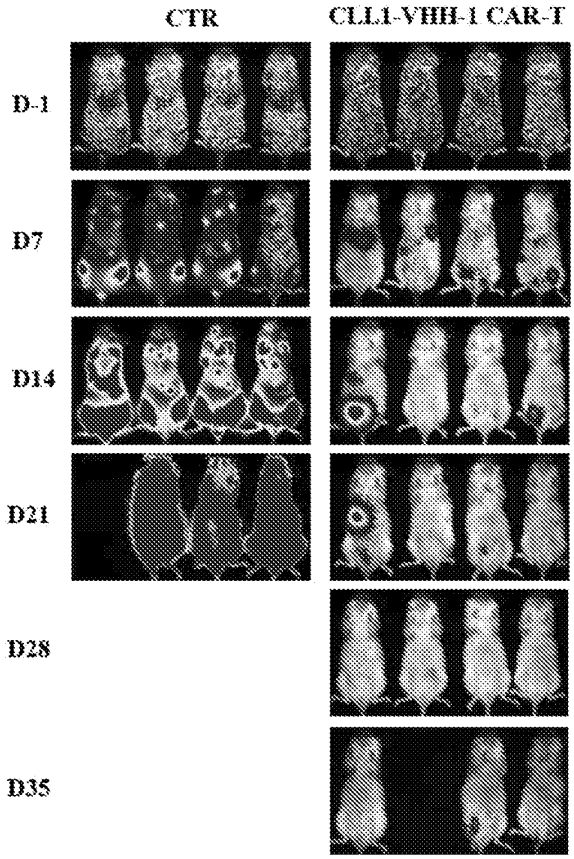
[图3]


CTR
+U937
CLL1-VHH-1 CAR-T
+U937
CLL1(rp)-PE
IFNg-APC
36.1
6.32
55.1
2.43
8.98
14.8
62.9
13.3

[图4]


100
80
60
40
20
0
-20
-40
Cytotoxicity (%)
CTR
CLL1-VHH-1 CAR-T
9:1
3:1
1:1
1:3
CLL1-VHH-1 CAR-T: U937-luc

[图5]


CTR
CLL1-VHH-1 CAR-T
D-1
D7
D14
D21
D28
D35