

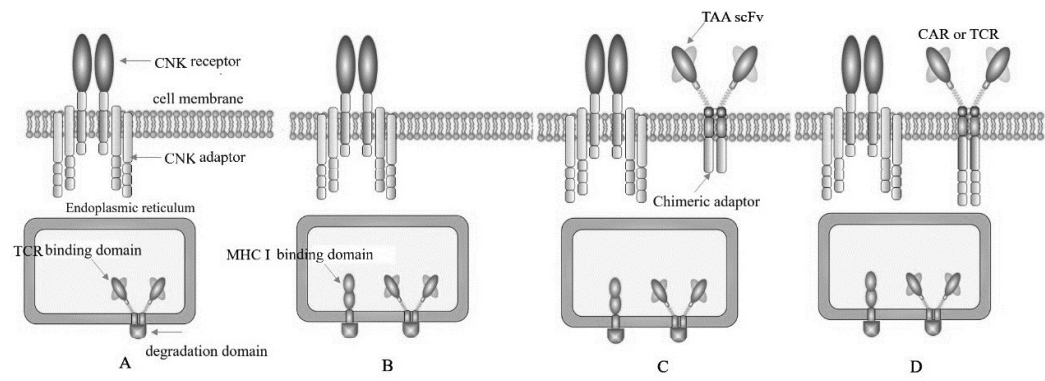


Fig. 1

A Single vector

EF1alpha promoter	DAP10	DAP12 ICD	T2A	NKG2D	p2A	Anti-TCR	Ad E3 ERAD
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B Single vector

EF1alpha promoter	DAP10	DAP12 ICD	T2A	NKG2D	p2A	Anti-TCR	US2 ERAD	IRES	ICP47	E2A	US11
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C Vector 1

EF1alpha promoter	DAP10	DAP12 ICD	CD3Z	T2A	NKG2D	p2A	TAA scFv	DAP10
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Vector 2

CMV promoter	Anti-TCR	AdE3 ERAD	T2A	ICP47
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D Vector 1

EF1alpha promoter	TAA scFv	CD28 or 4-1BB	CD3Z	T2A	DAP10	CD3Z	T2A	NKG2D
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Vector 2

CMV promoter	Anti-TCR	AdE3 ERAD	T2A	ICP47	p2A	UL16
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Fig. 2

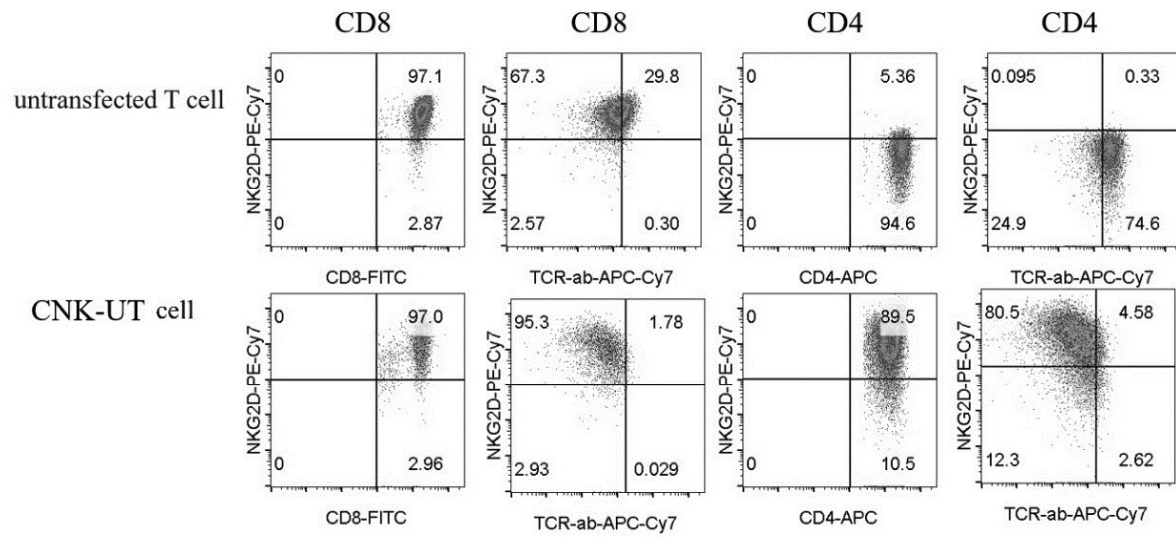


Fig. 3

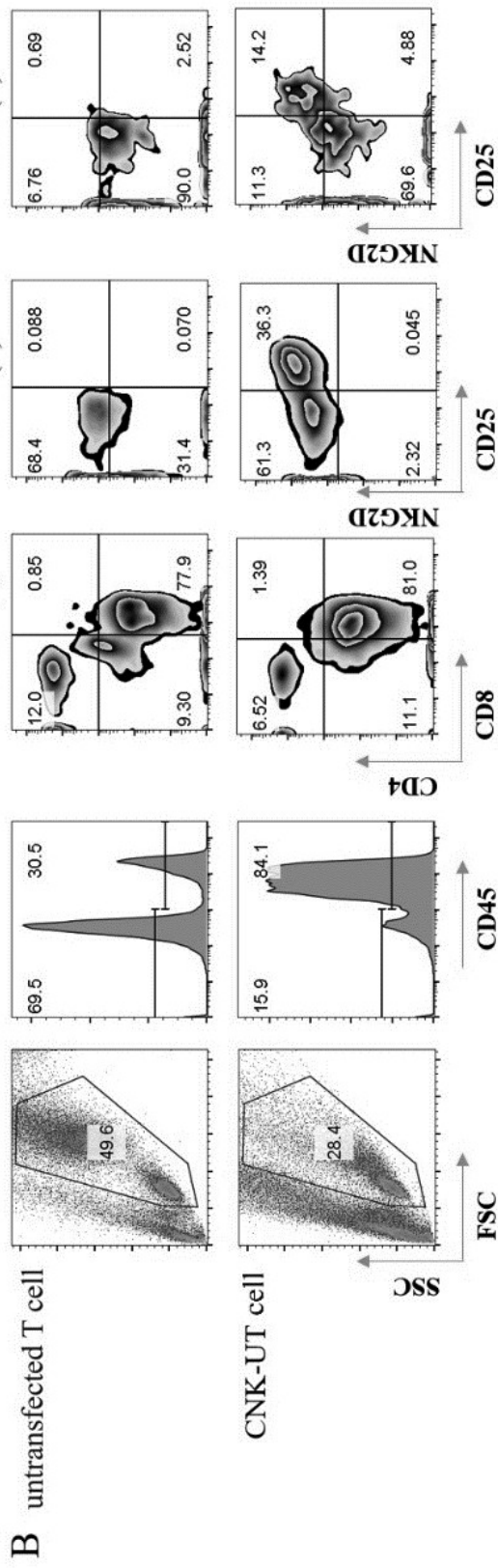
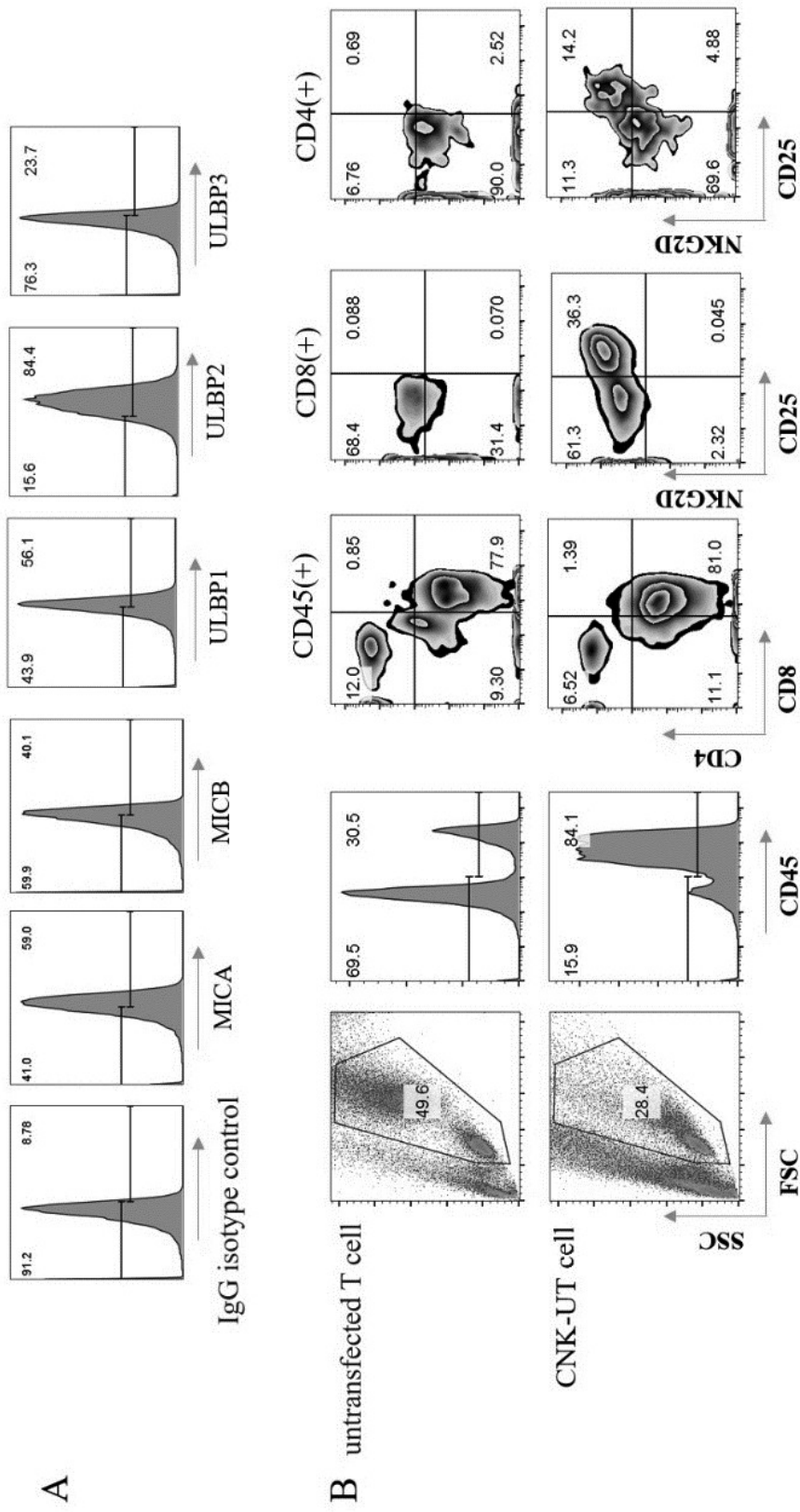
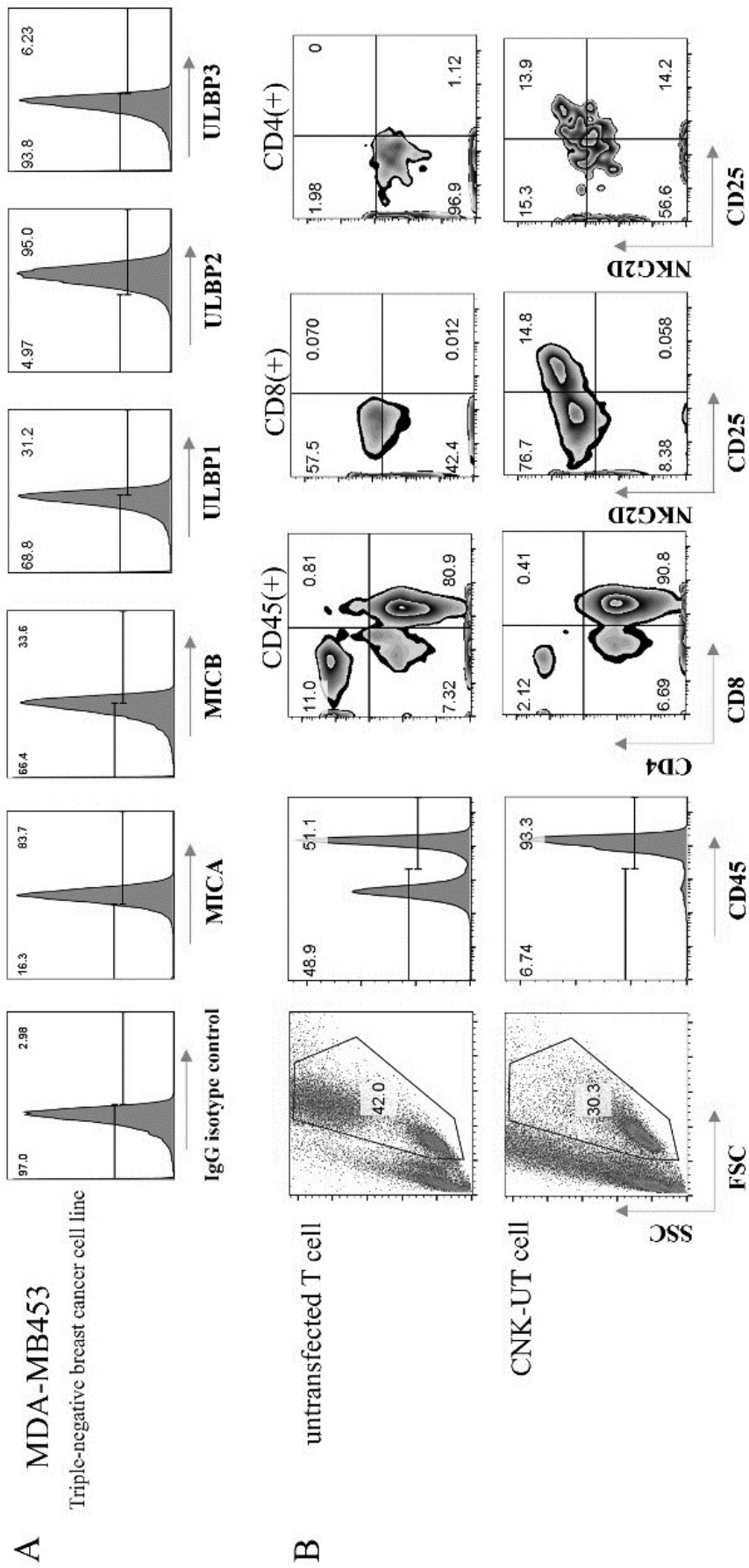


Fig. 4



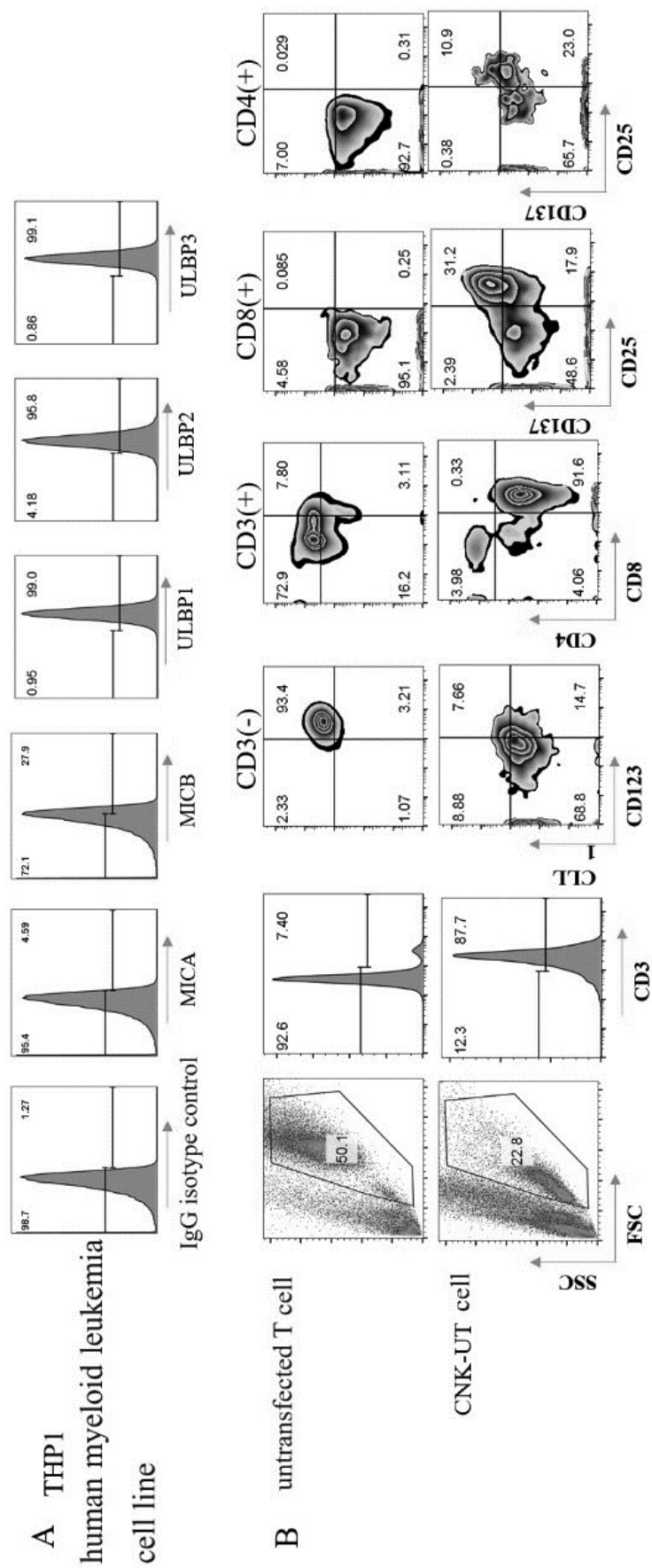


Fig. 6

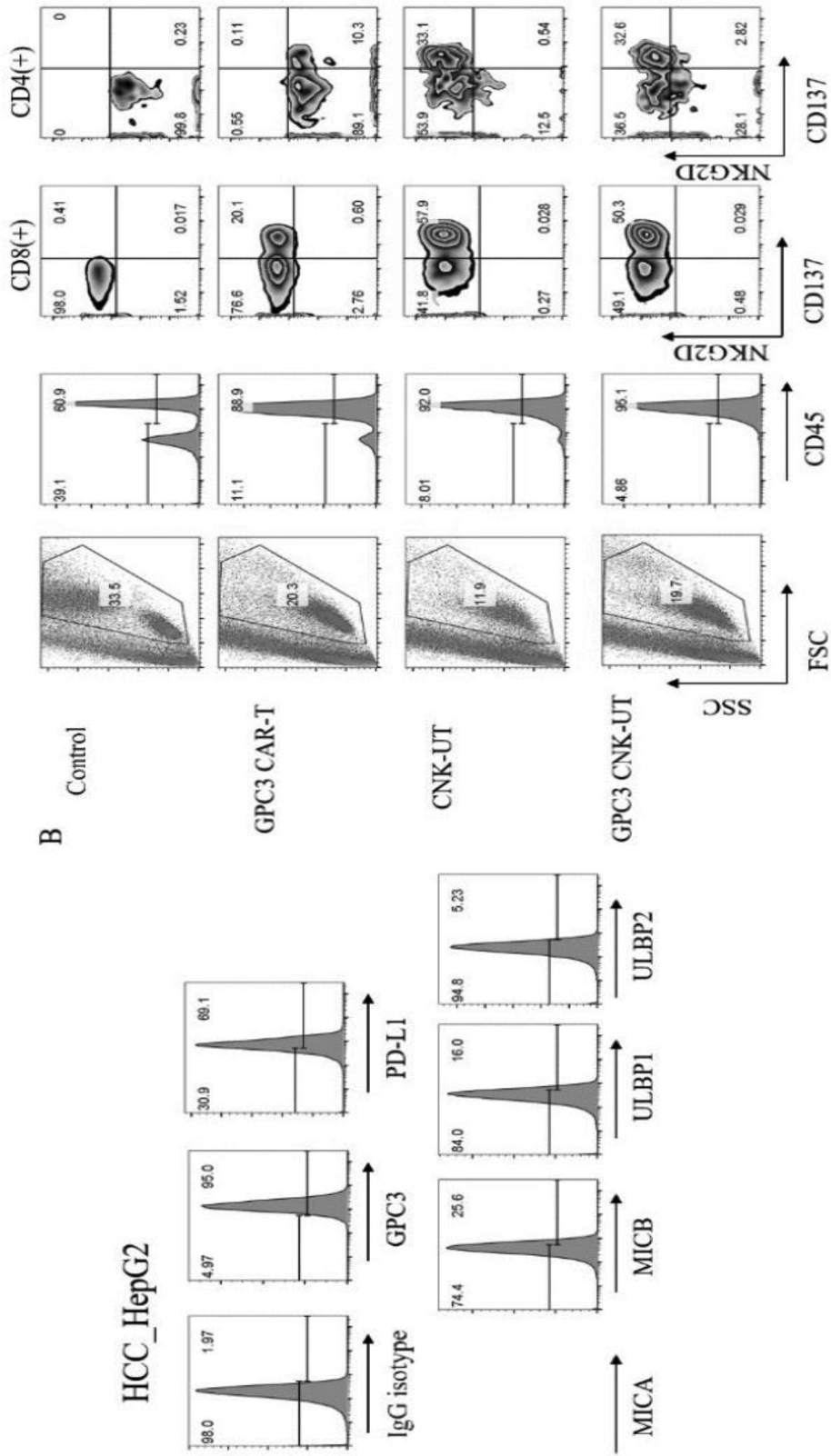


Fig. 7

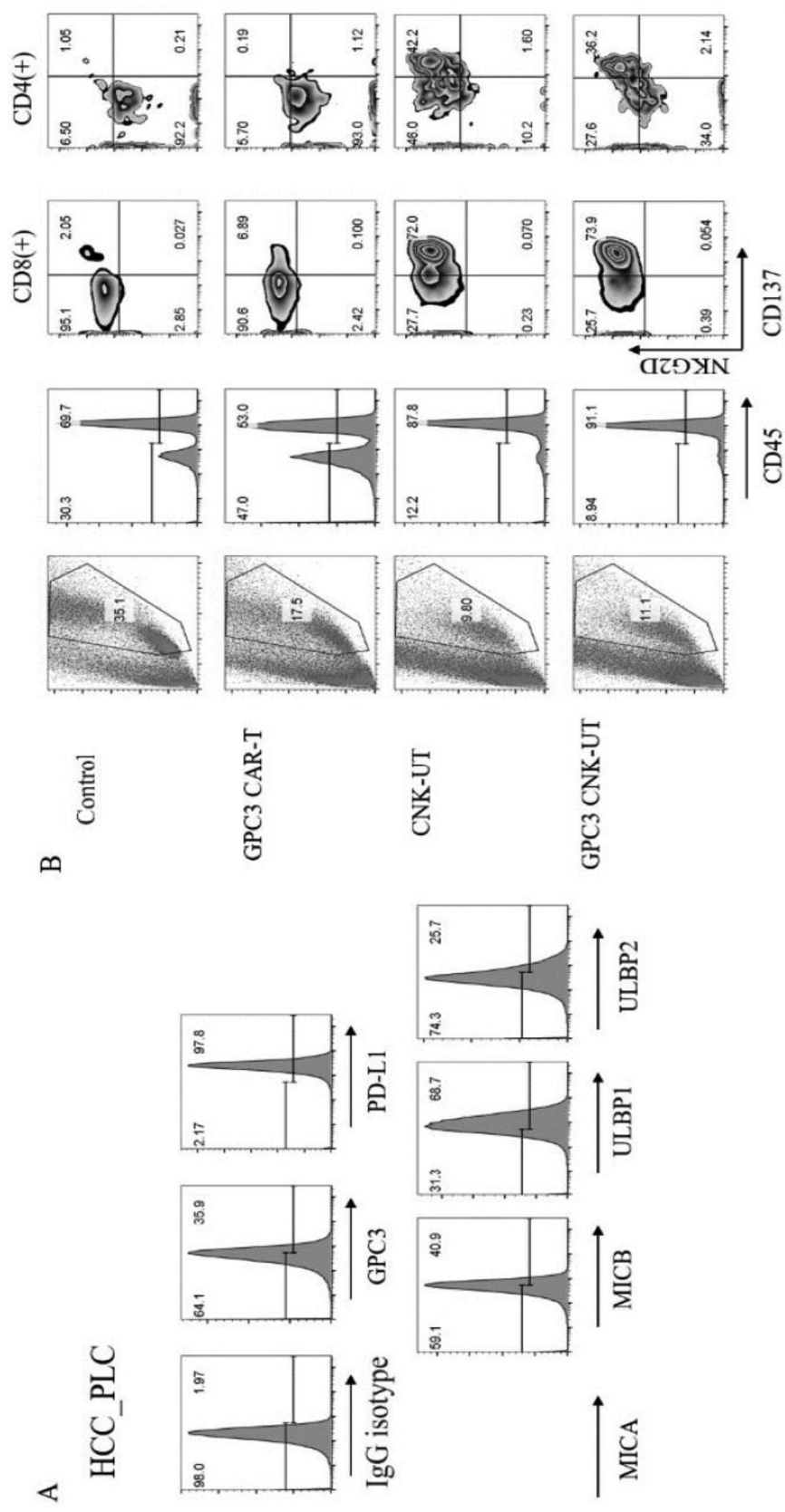


Fig. 8

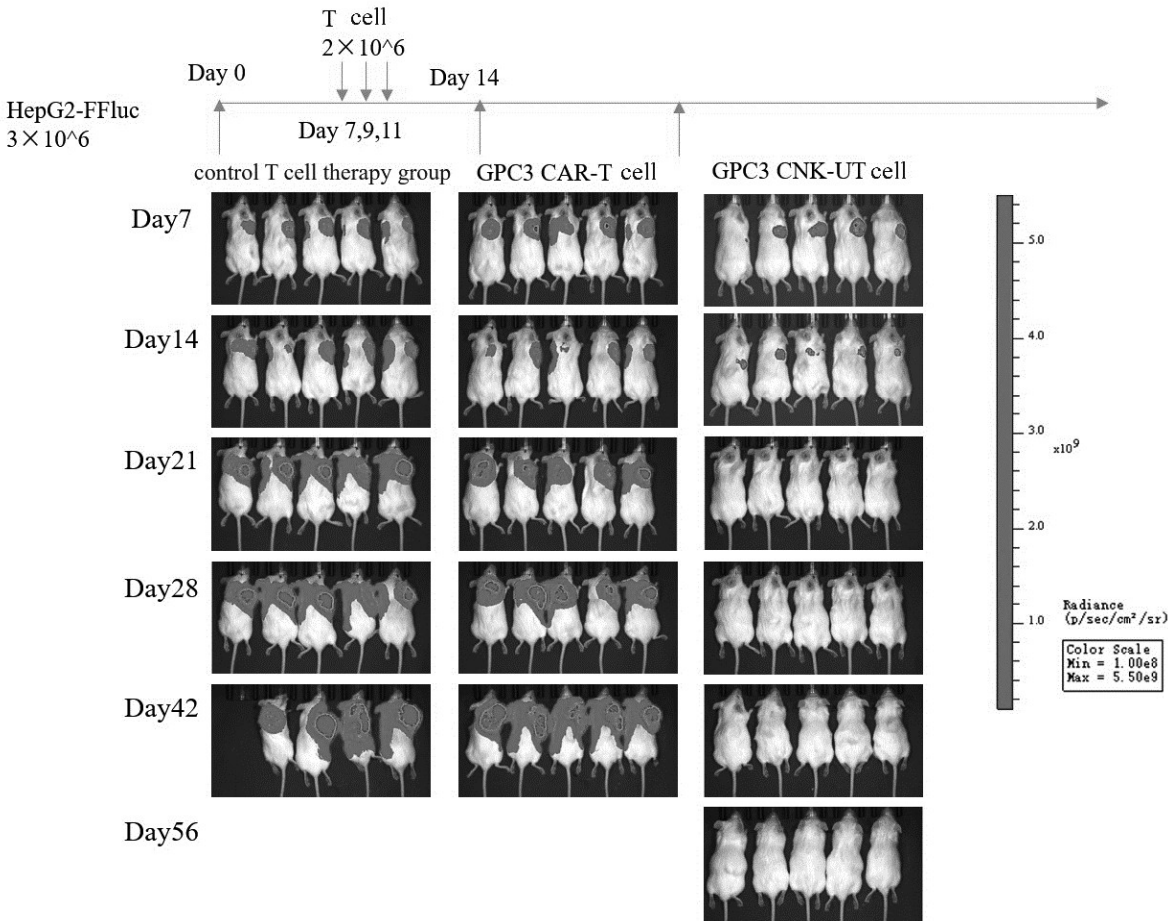


Fig. 9

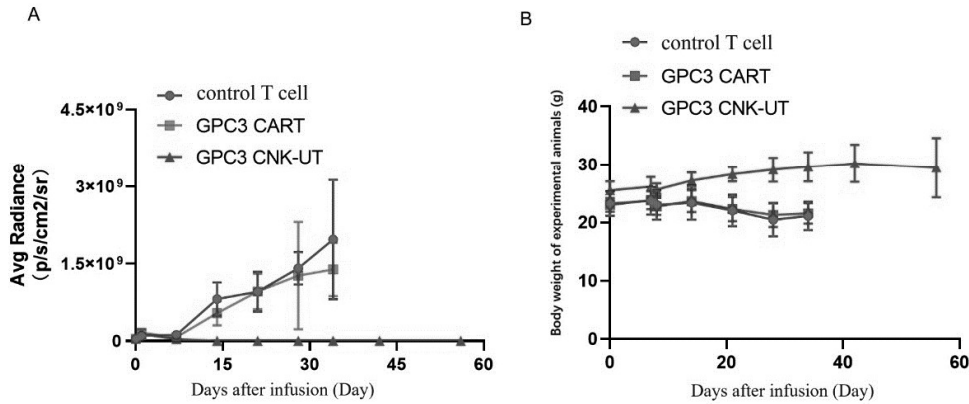


Fig. 10

VS MDA-MB453

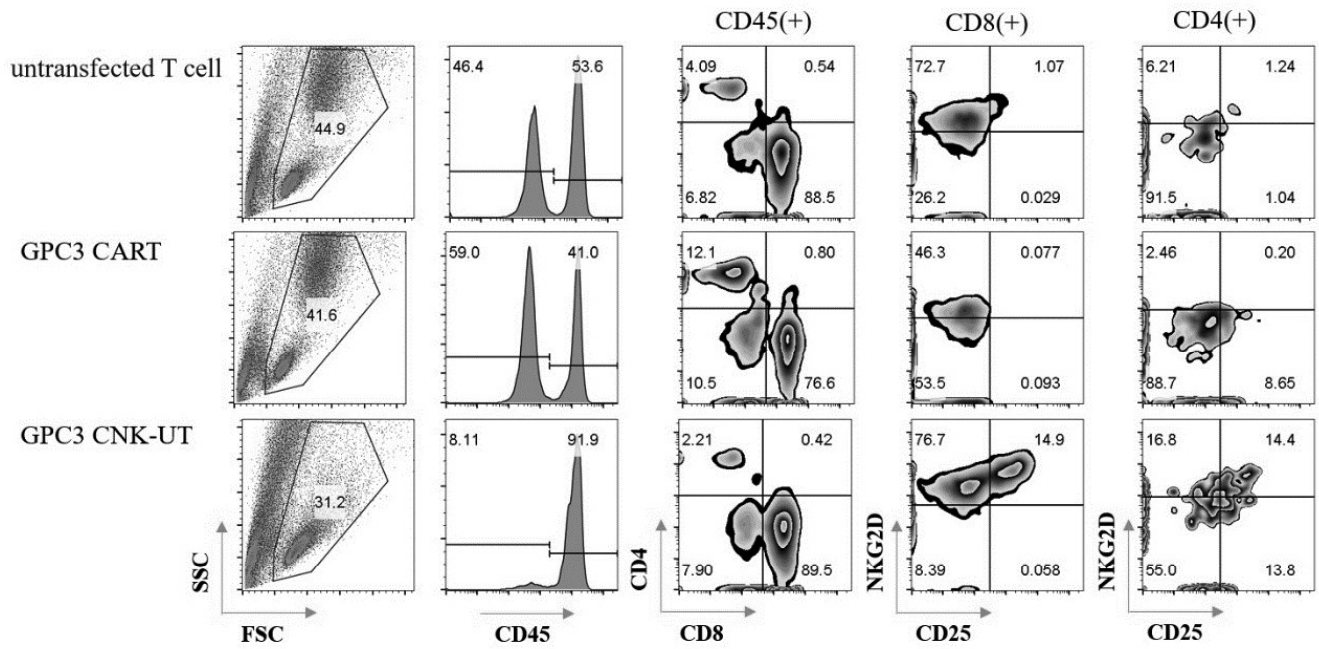


Fig. 11

vs THP1

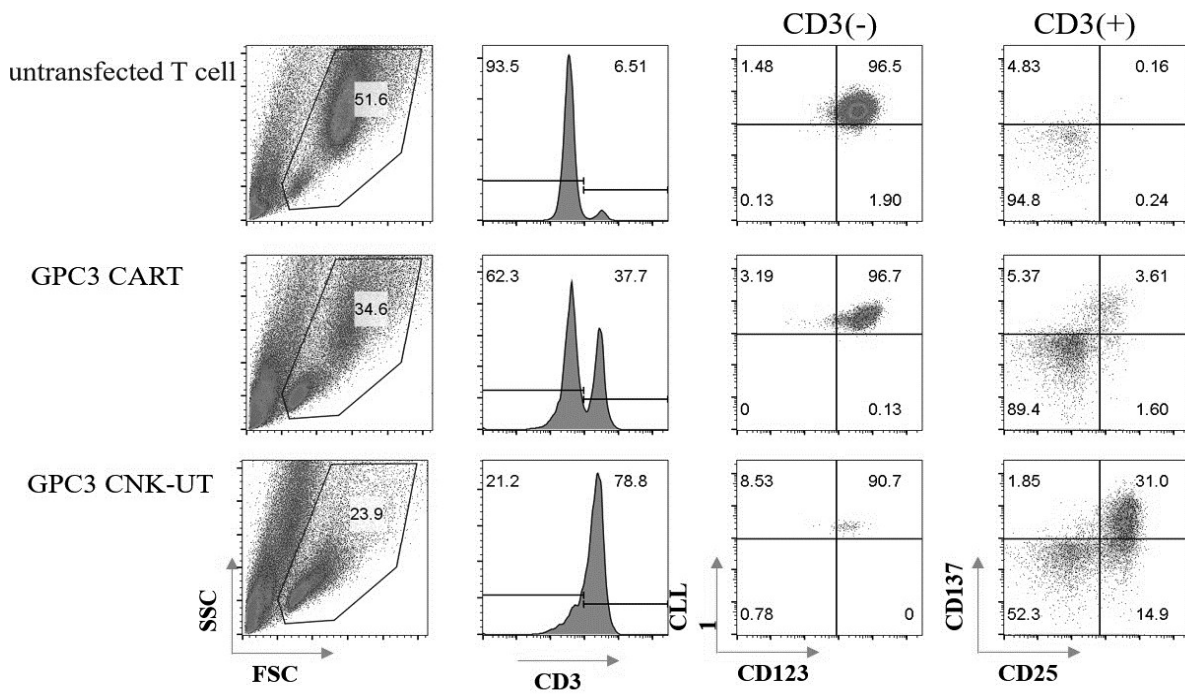
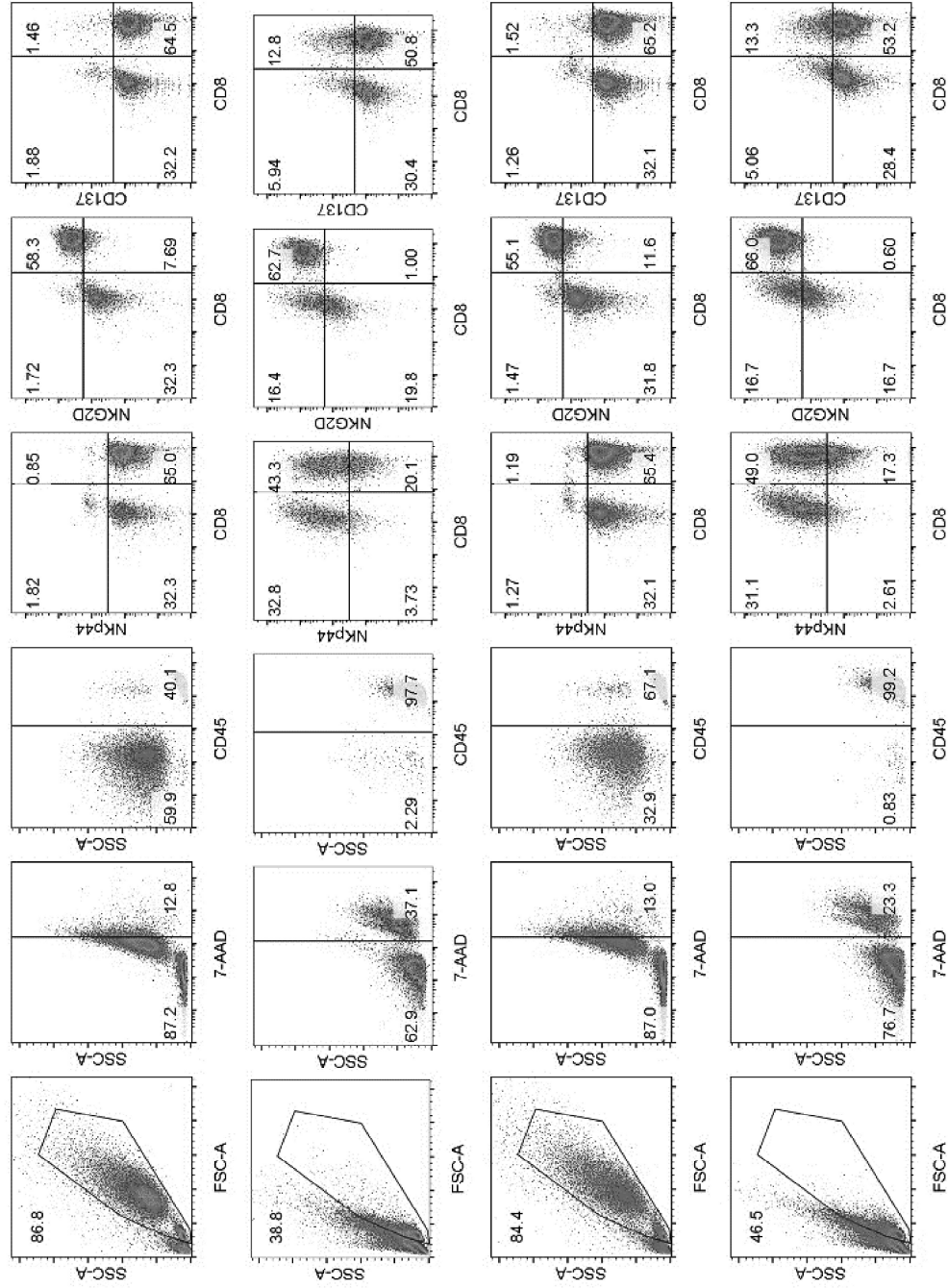


Fig. 12

VS 786-O
Renal cell carcinoma (RCC) cell line

untransfected T cell
E:T=1:1



NCR2 CAR/CNK-UT
E:T=1:1

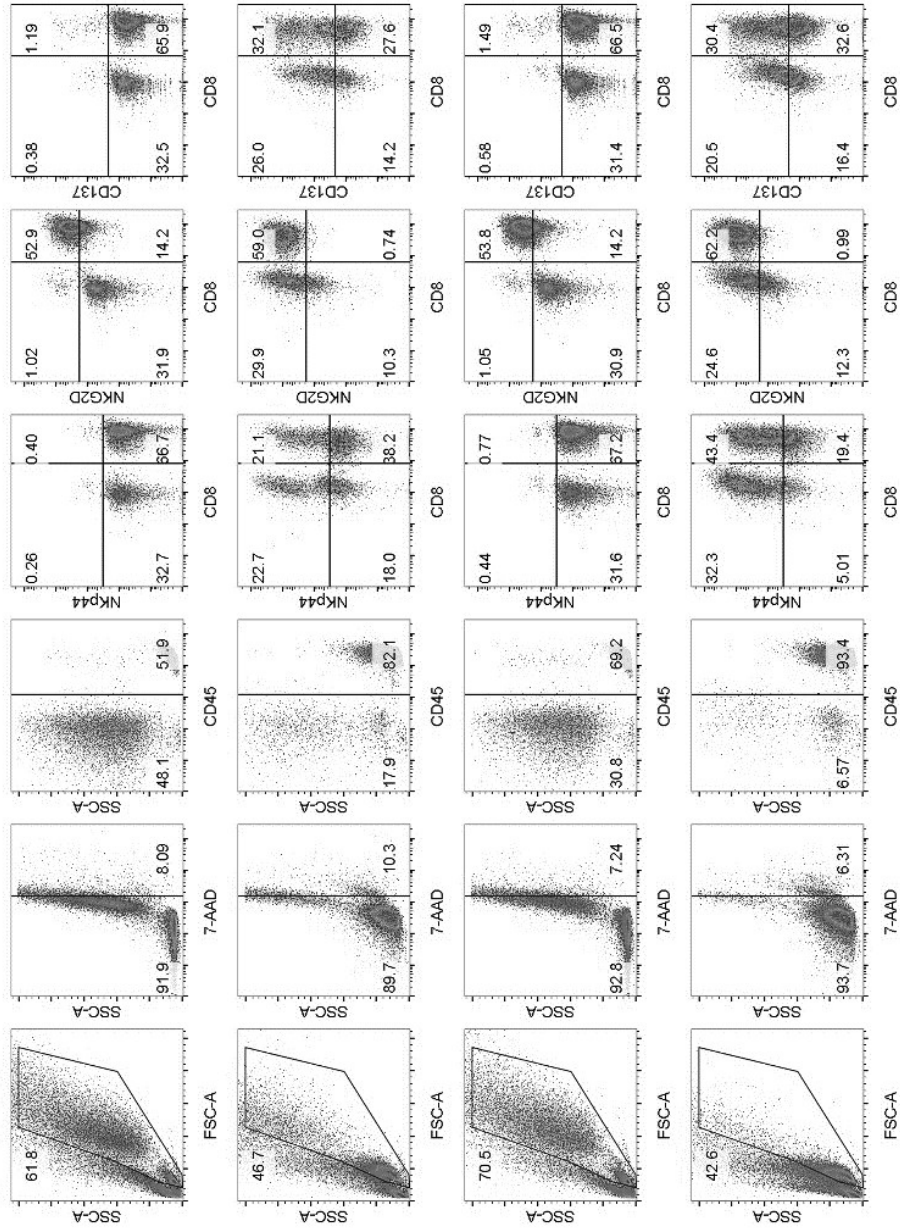
untransfected T cell
E:T=2:1

NCR2 CAR/CNK-UT
E:T=2:1

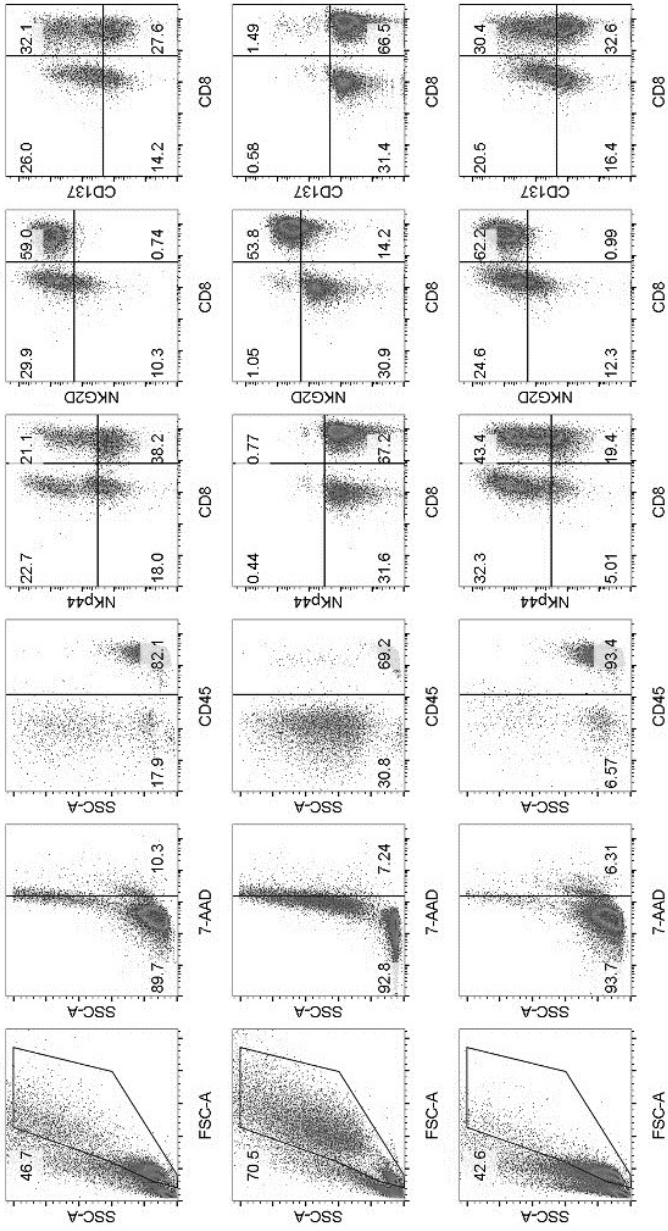
Fig. 13

vs ACHN
Renal cell carcinoma (RCC) cell line

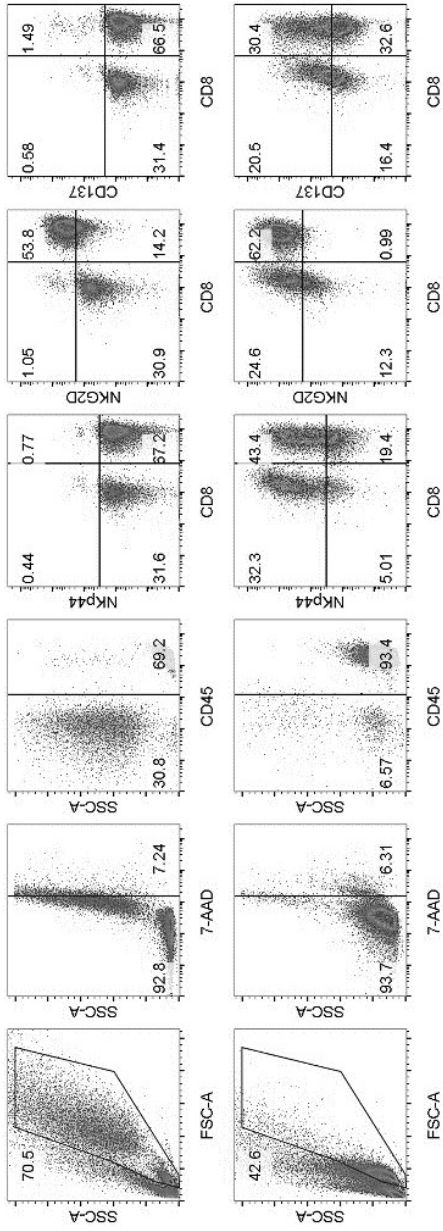
untransfected T cell
E:T=1:1



NCR2 CAR/CNK-UT
E:T=1:1



untransfected T cell
E:T=2:1



NCR2 CAR/CNK-UT
E:T=2:1

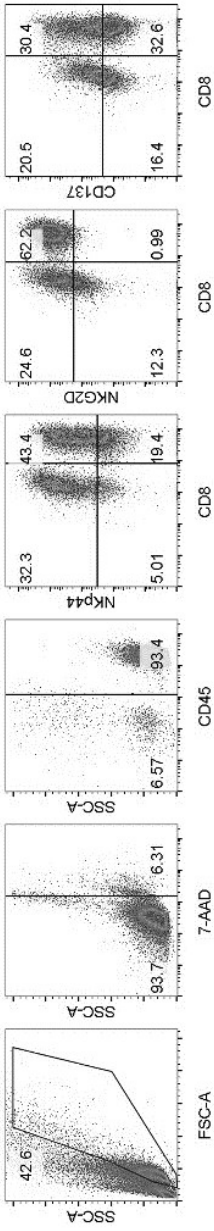
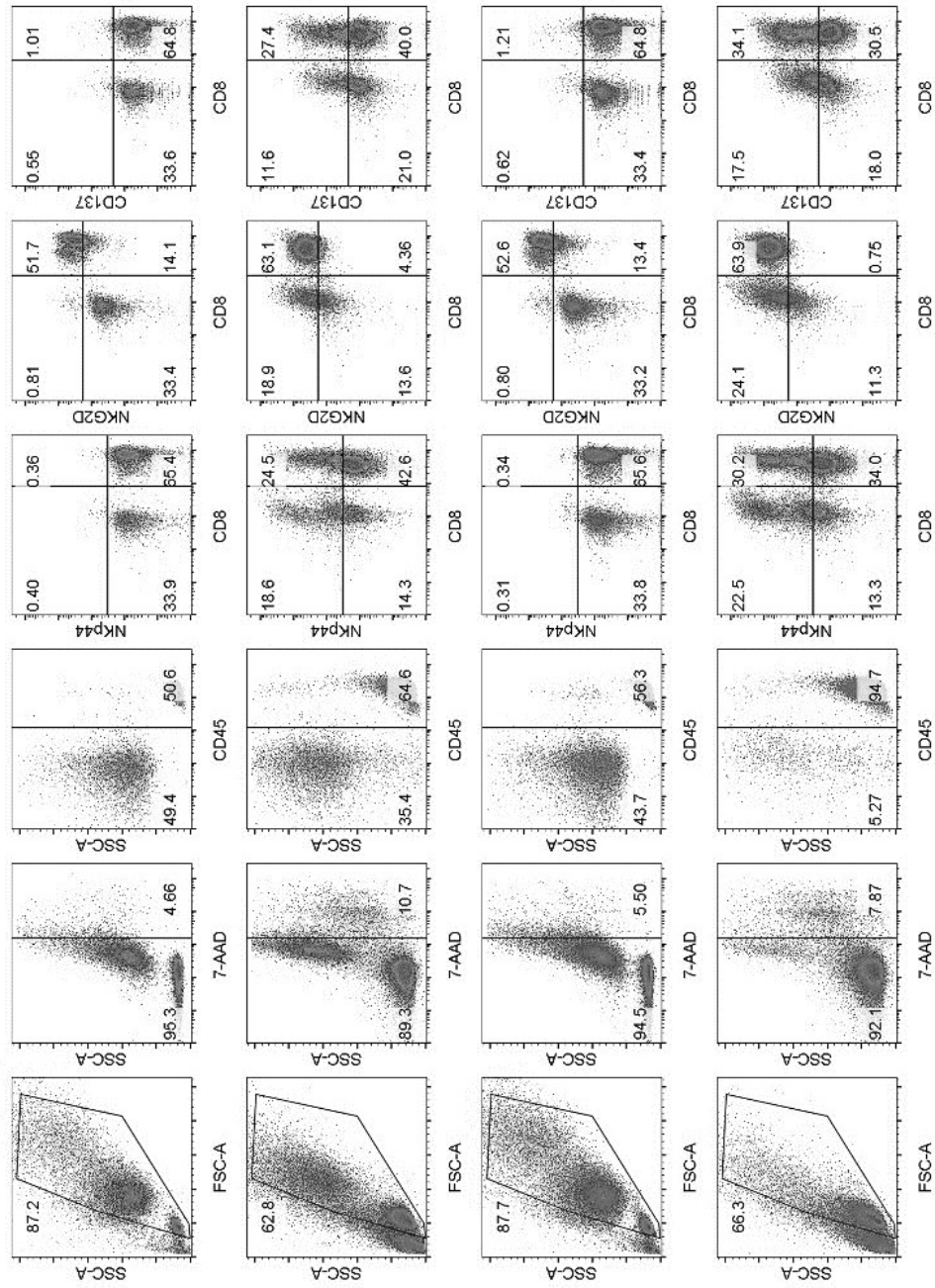


Fig. 14

vs A-549
Lung epithelial carcinoma cell line

untransfected T cell
E:T=1:1



NCR2 CAR/CNK-UT
E:T=1:1

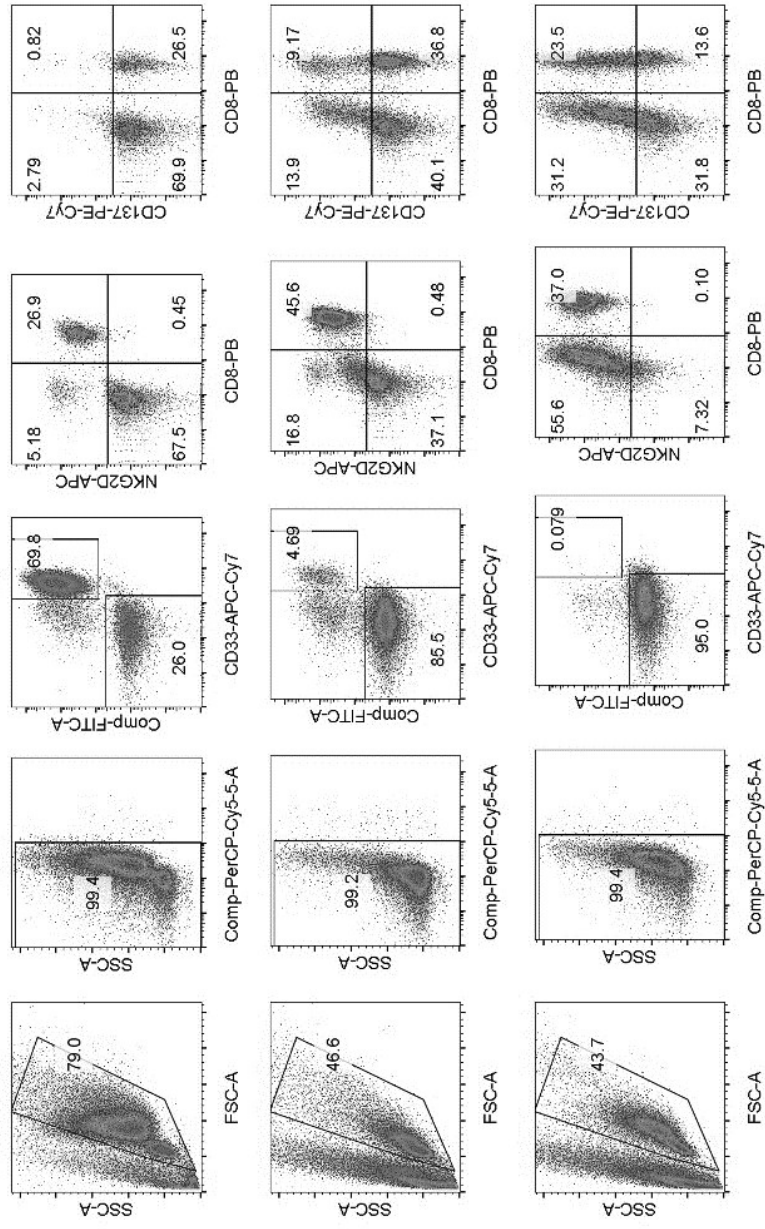
untransfected T cell
E:T=2:1

NCR2 CAR/CNK-UT
E:T=2:1

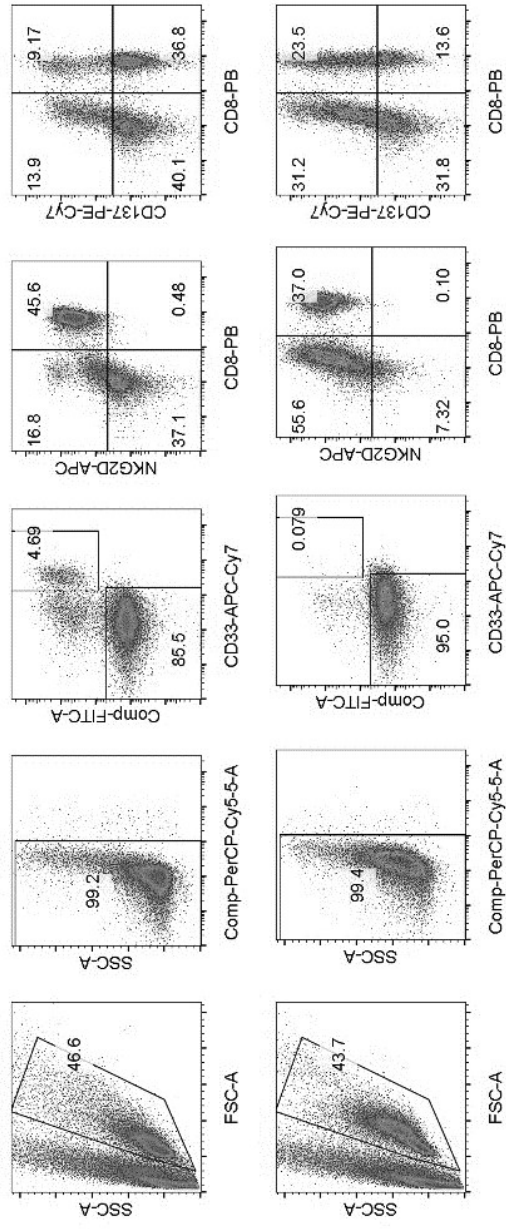
Fig. 15

vs U937-GFP
AML cell line

untransfected T cell
E:T=1:1



CNK-UT(UL16)
E:T=1:1



CNK-UT (UL16/E3-19K)
E:T=1:1

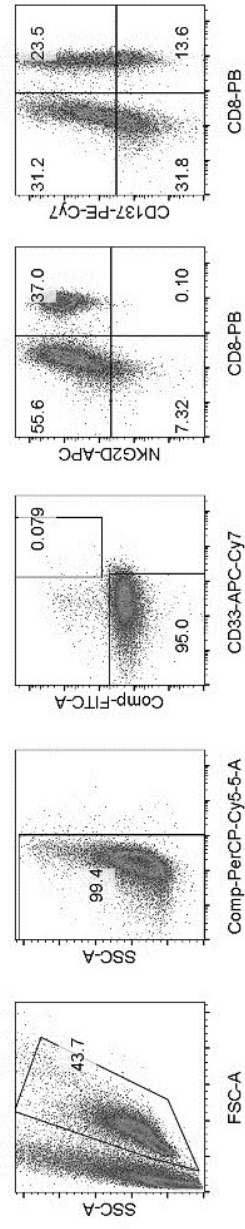


Fig. 17

vs PANC-1-GFP

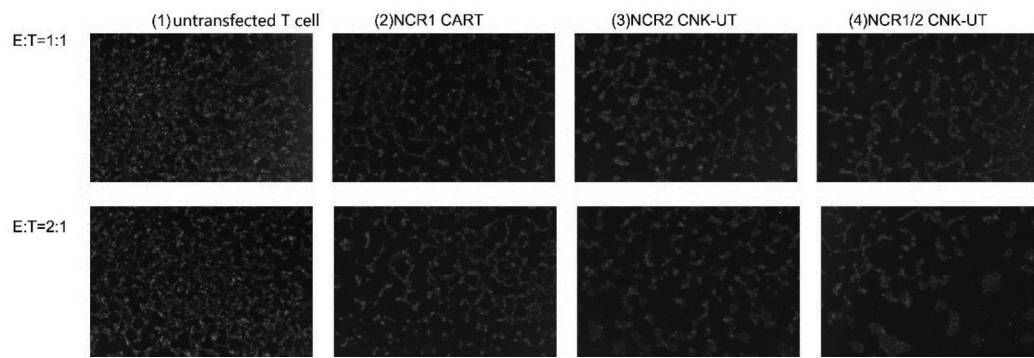
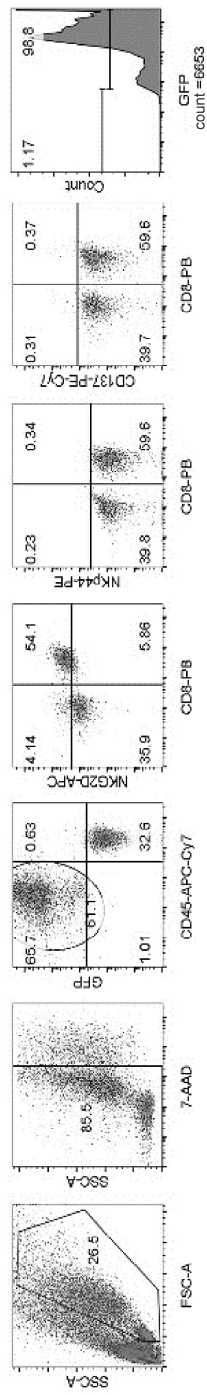


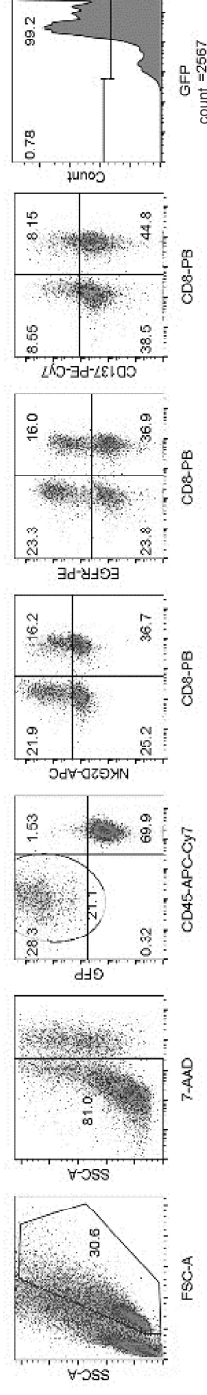
Fig. 18

vs PANC-1-GFP E:T=1:1

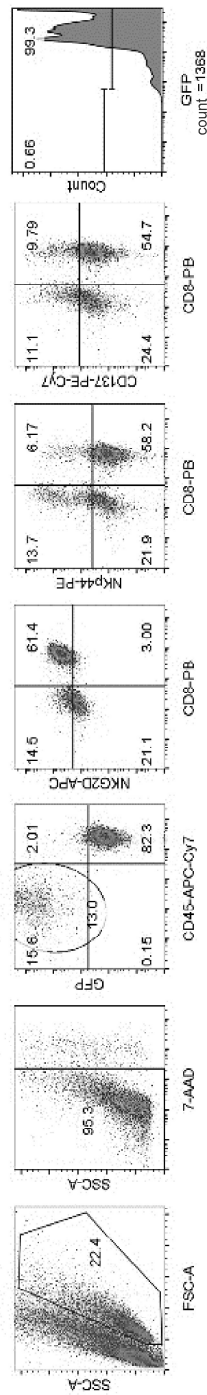
(1) untransfected T cell



(2) NCR1 CART



(3) NCR2 CNK-UT



(4) NCR1/2 CNK-UT

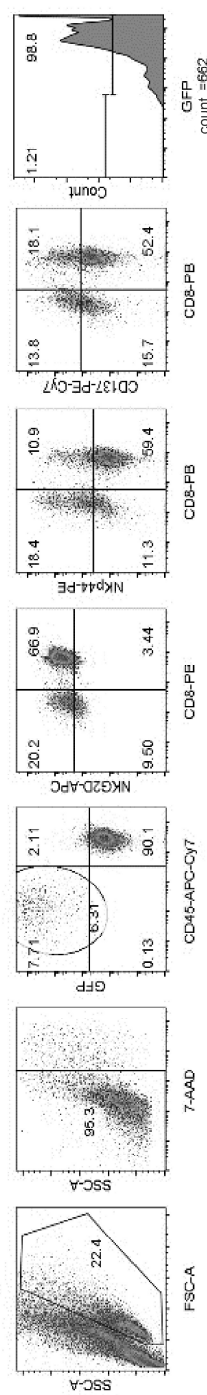


Fig. 19