

Figure 1

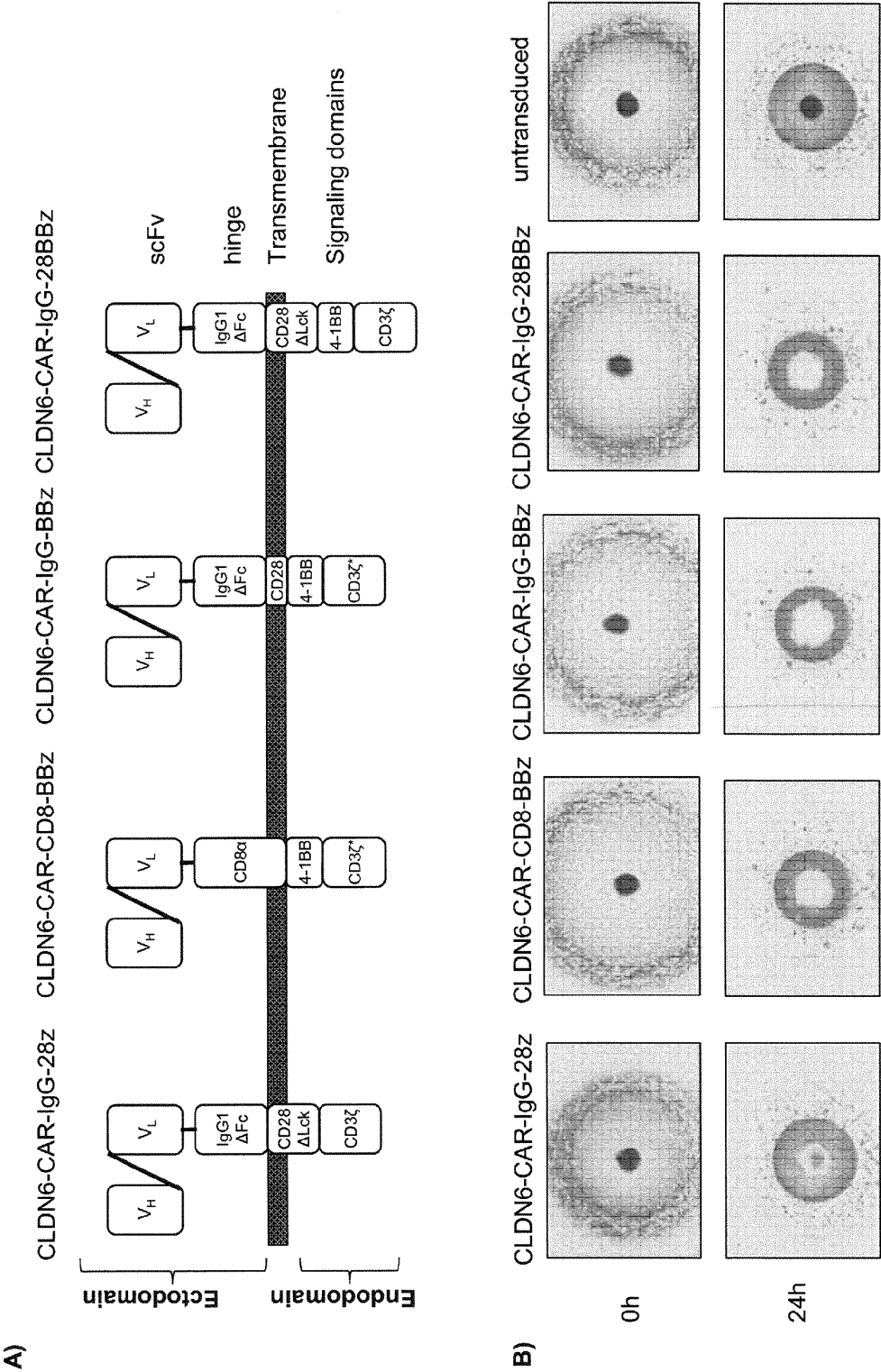


Figure 2

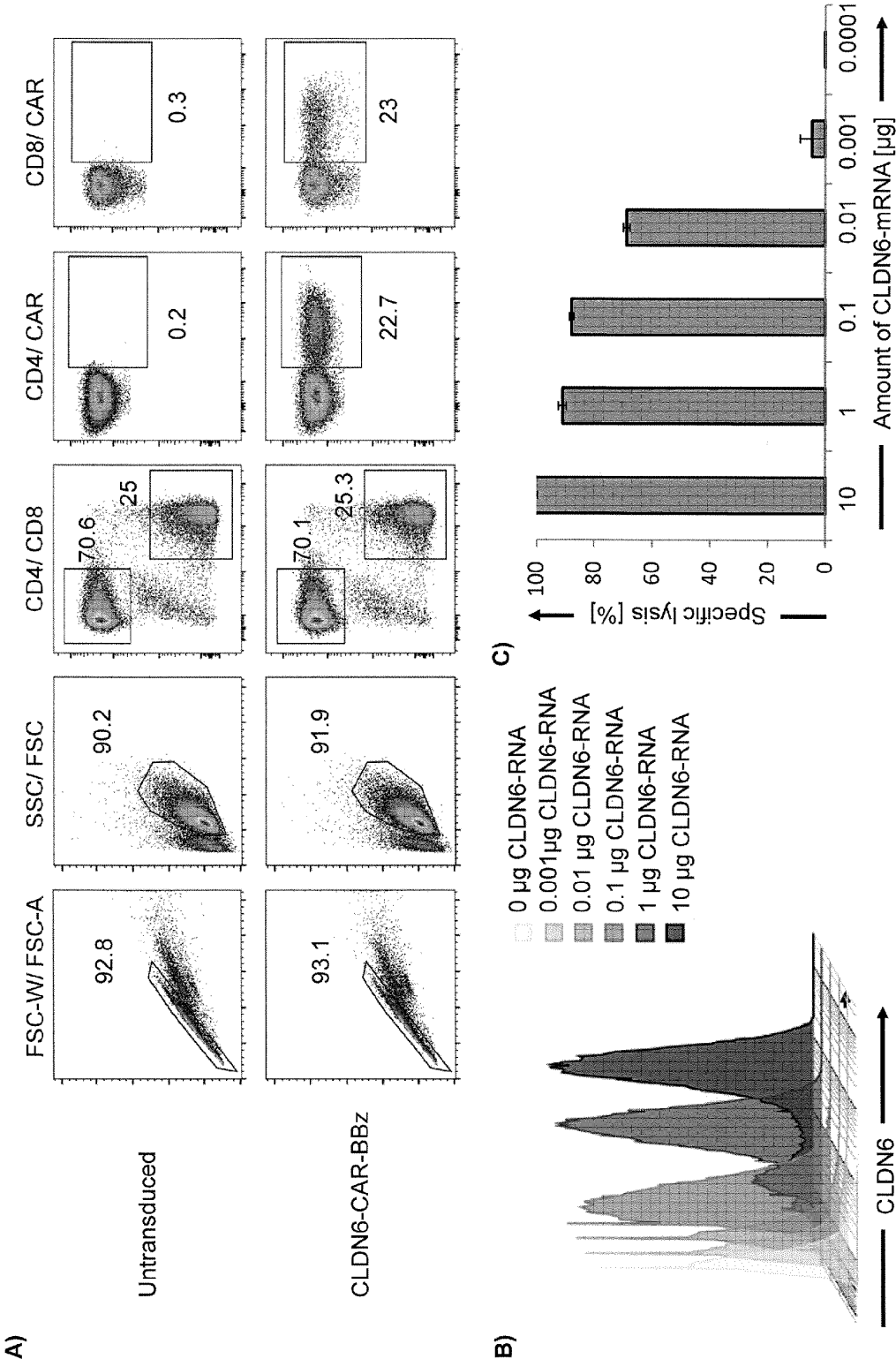
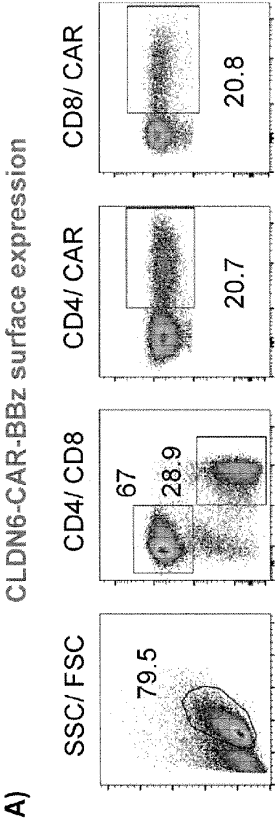


Figure 3



B) CLDN6+ and CLDN6- tumor cell lines

	Name	CLDN6 pos/neg	Origin
1	LCLC-103H	negative	Lung
2	Mel-526	negative	Skin
3	SK-MEL-37	negative	Skin
4	SK-OV-3	negative	Ovary
5	23132-87	negative	Gastic
6	Colo-699-N	negative	Lung
7	HEK-293	negative	Embryonic kidney
8	MDA-MB-231	negative	Breast
9	PA-1-SC12	positive	Ovary
10	NIH-OvCar-3	positive	Ovary
11	JAR	positive	Embryo
12	NEC-8	positive	Embryo

Figure 3

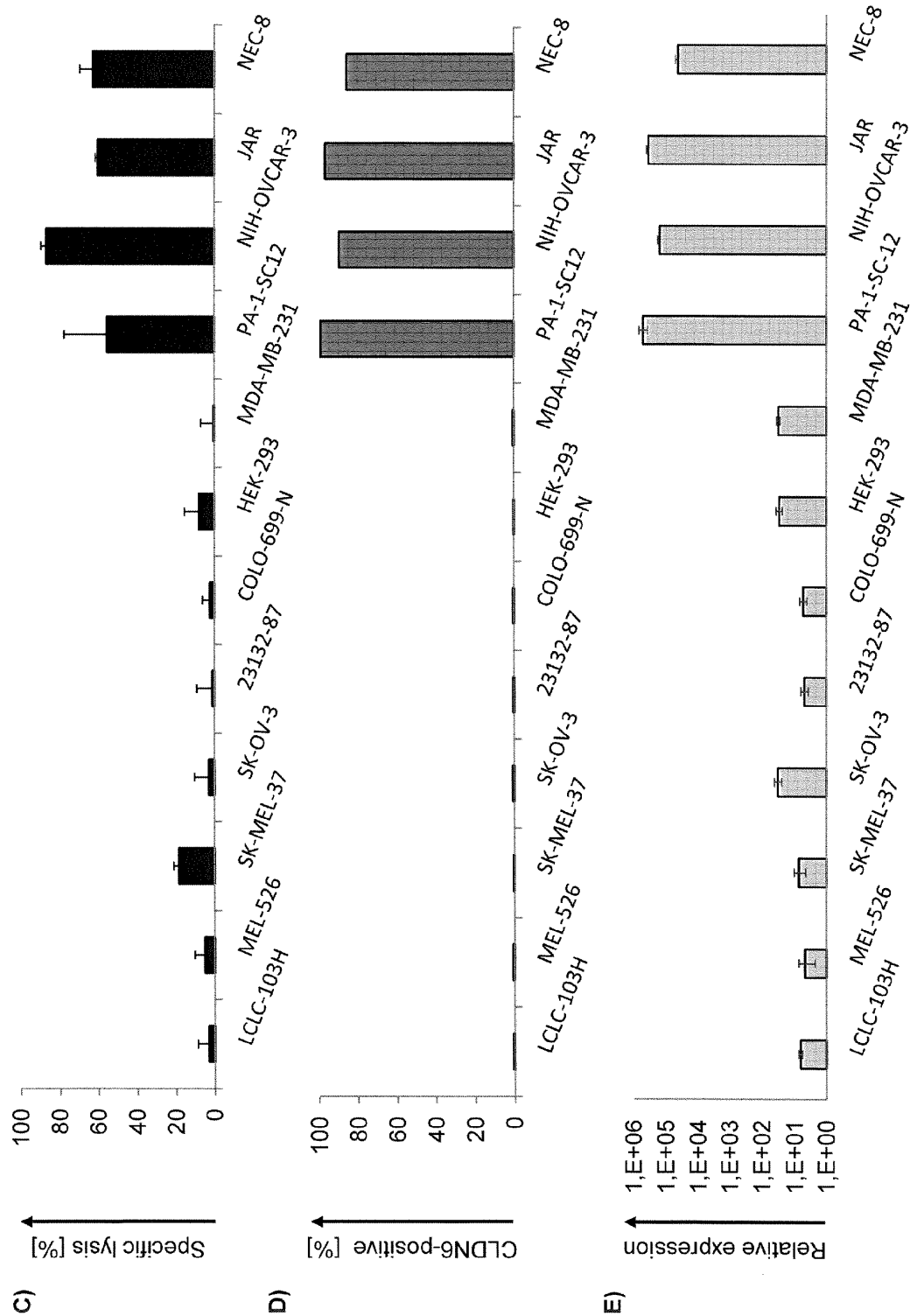


Figure 4

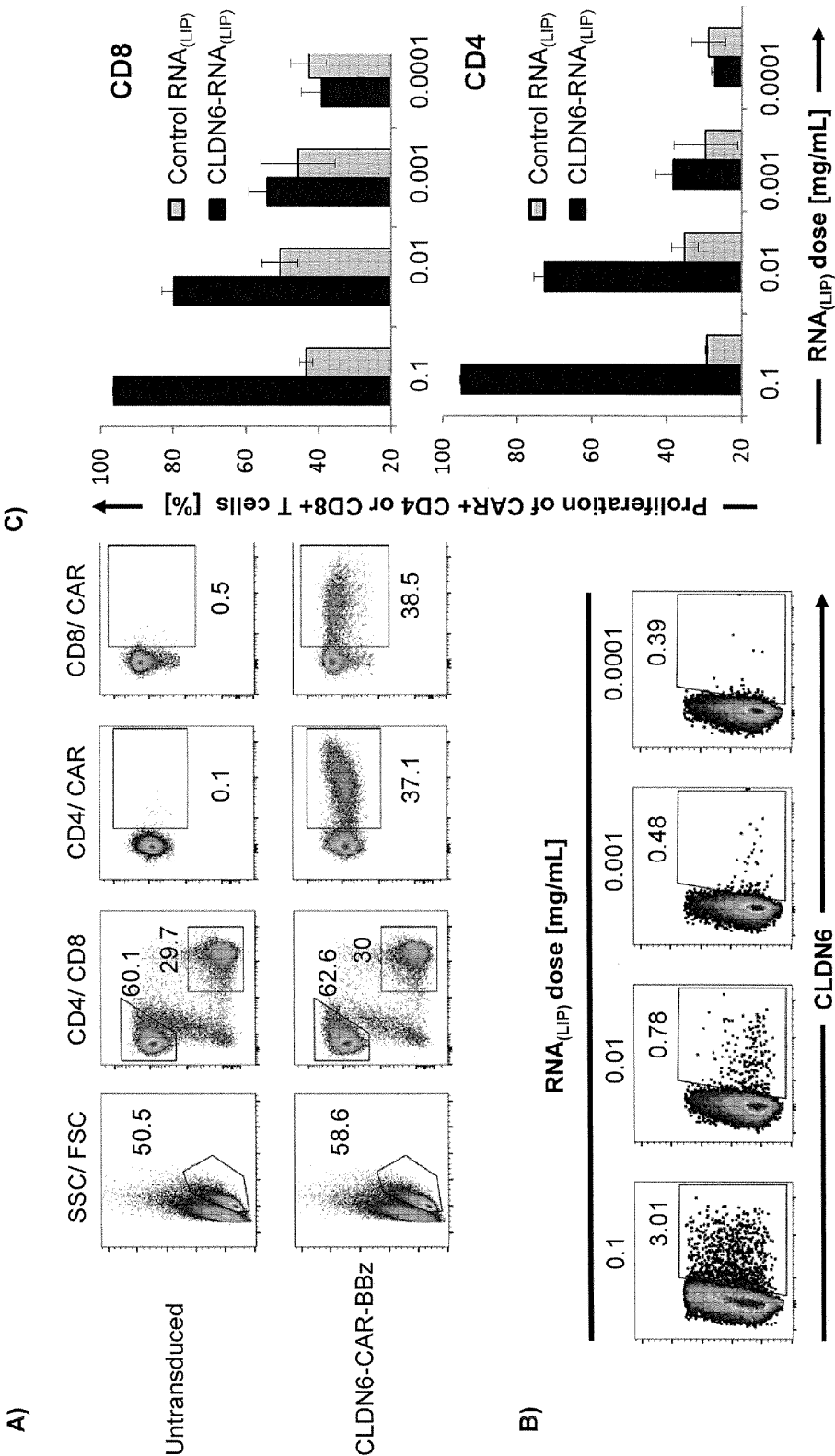


Figure 5

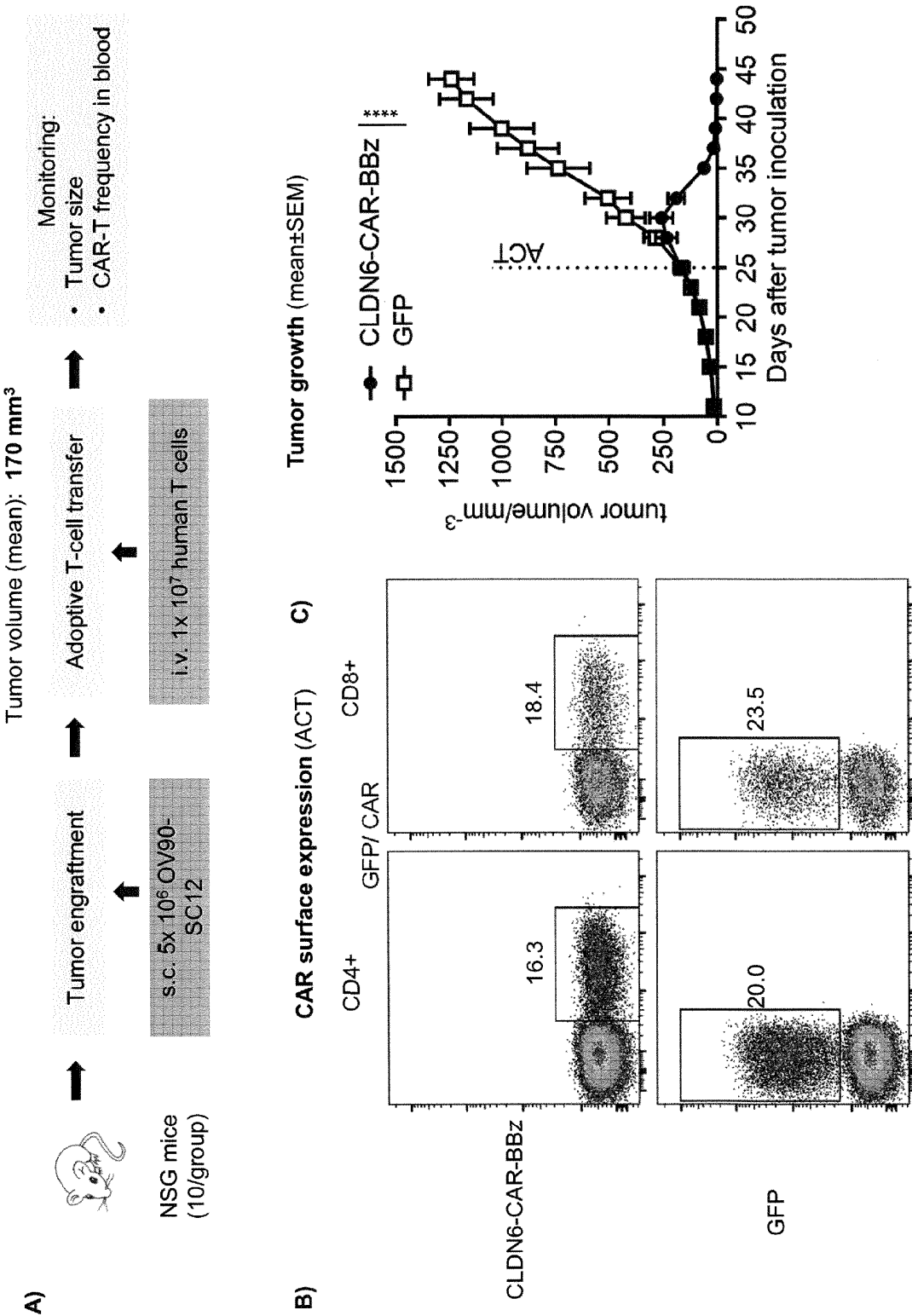


Figure 5

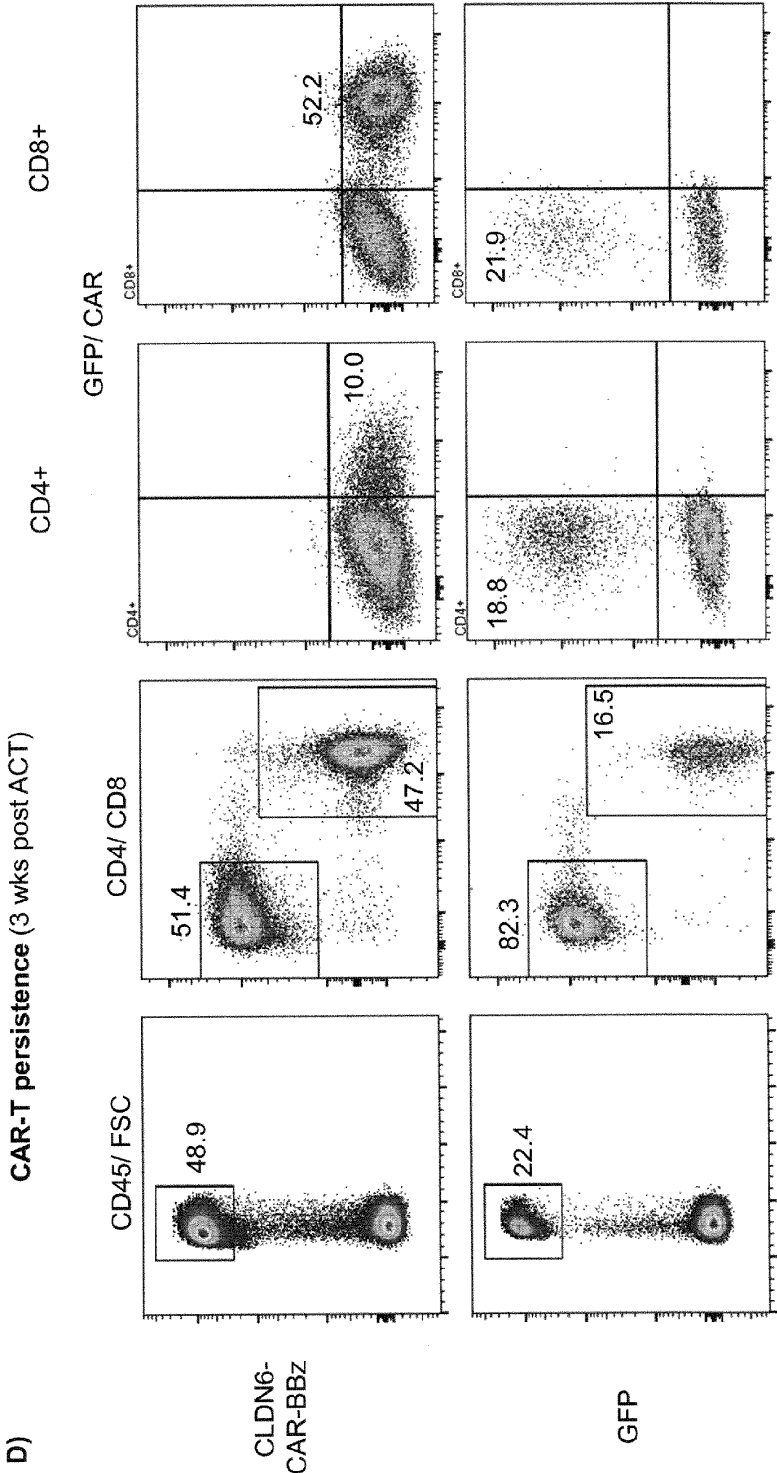


Figure 6

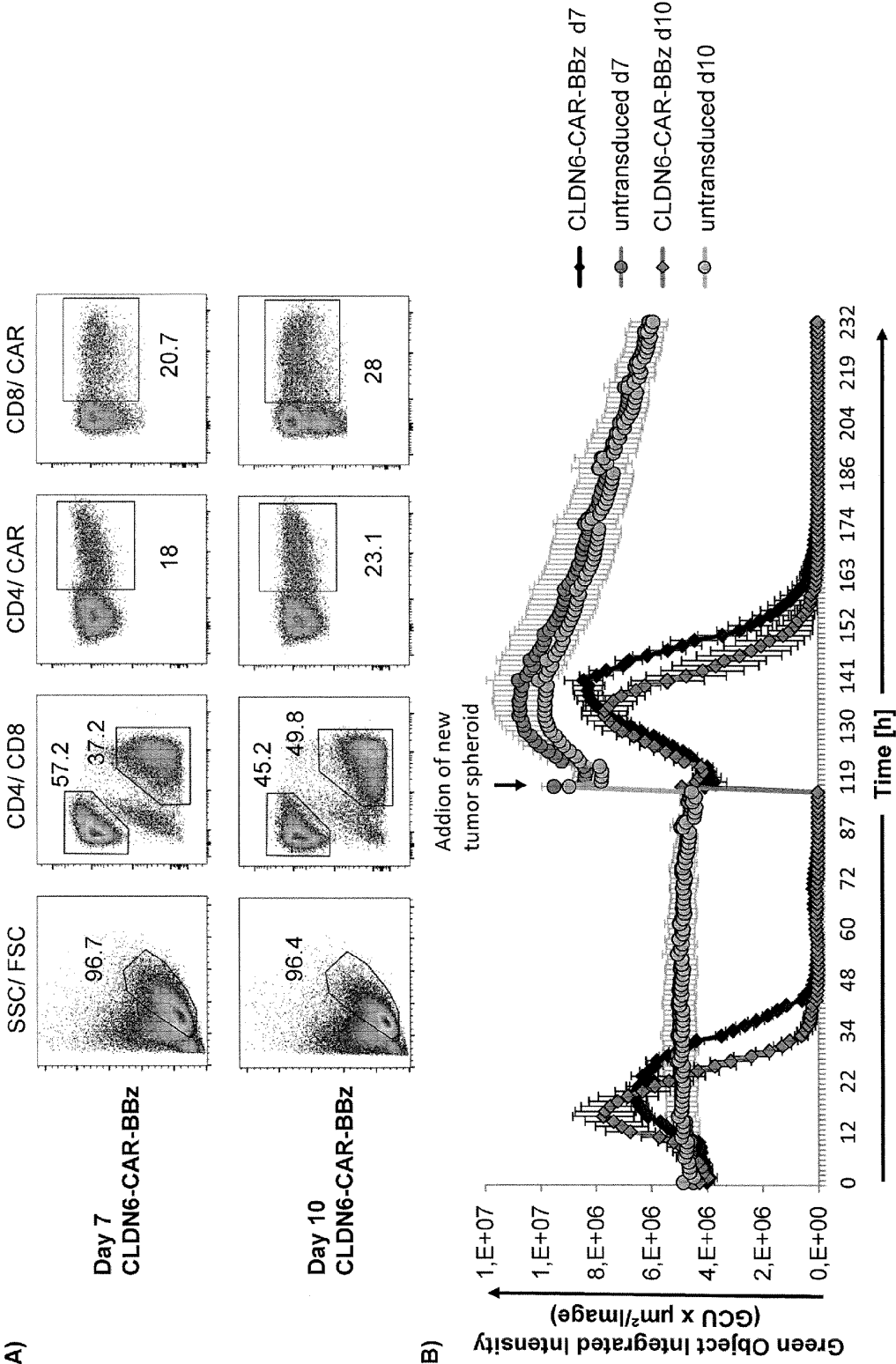


Figure 7

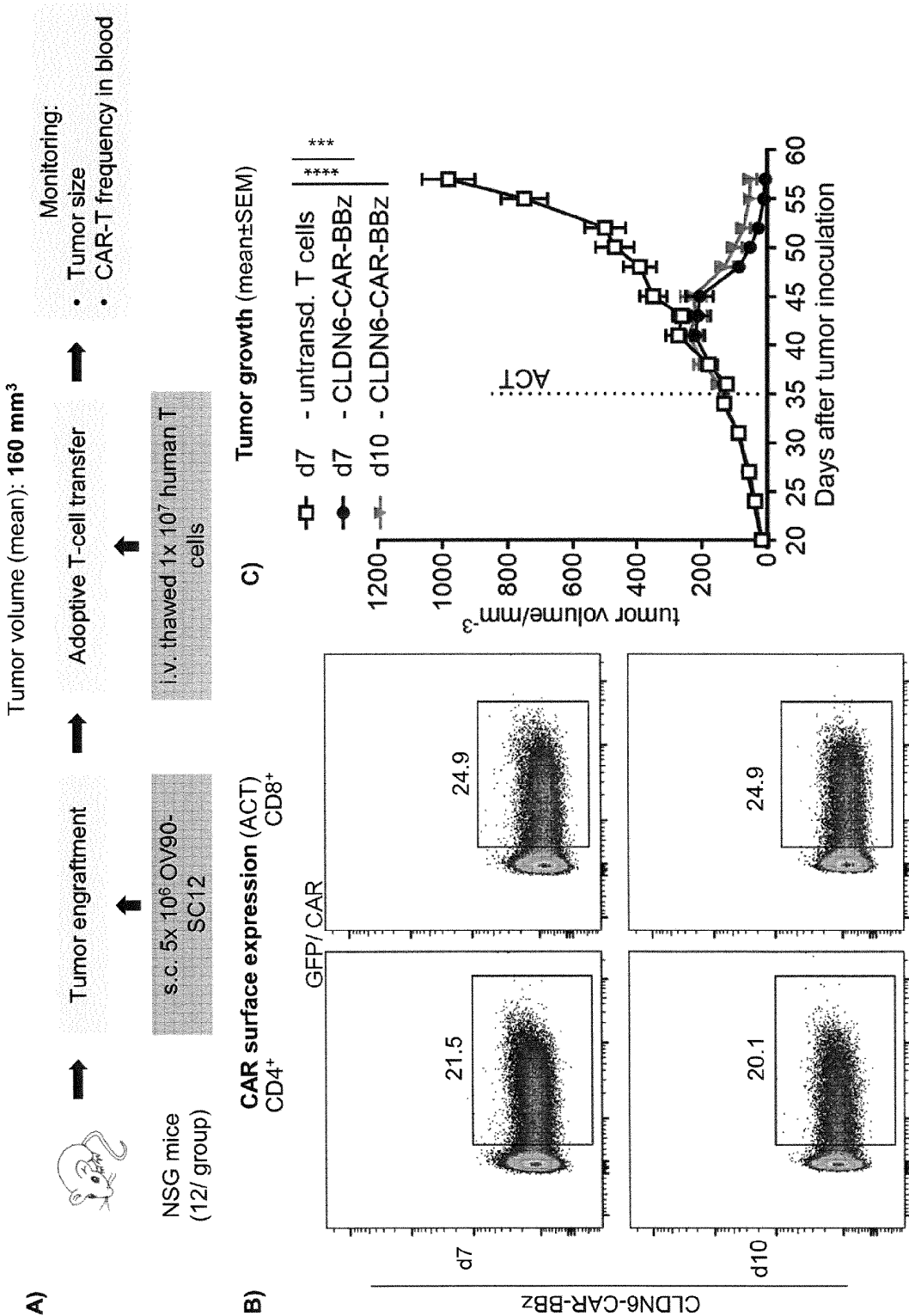


Figure 7

CAR-T persistence (2 wks post ACT)

D)

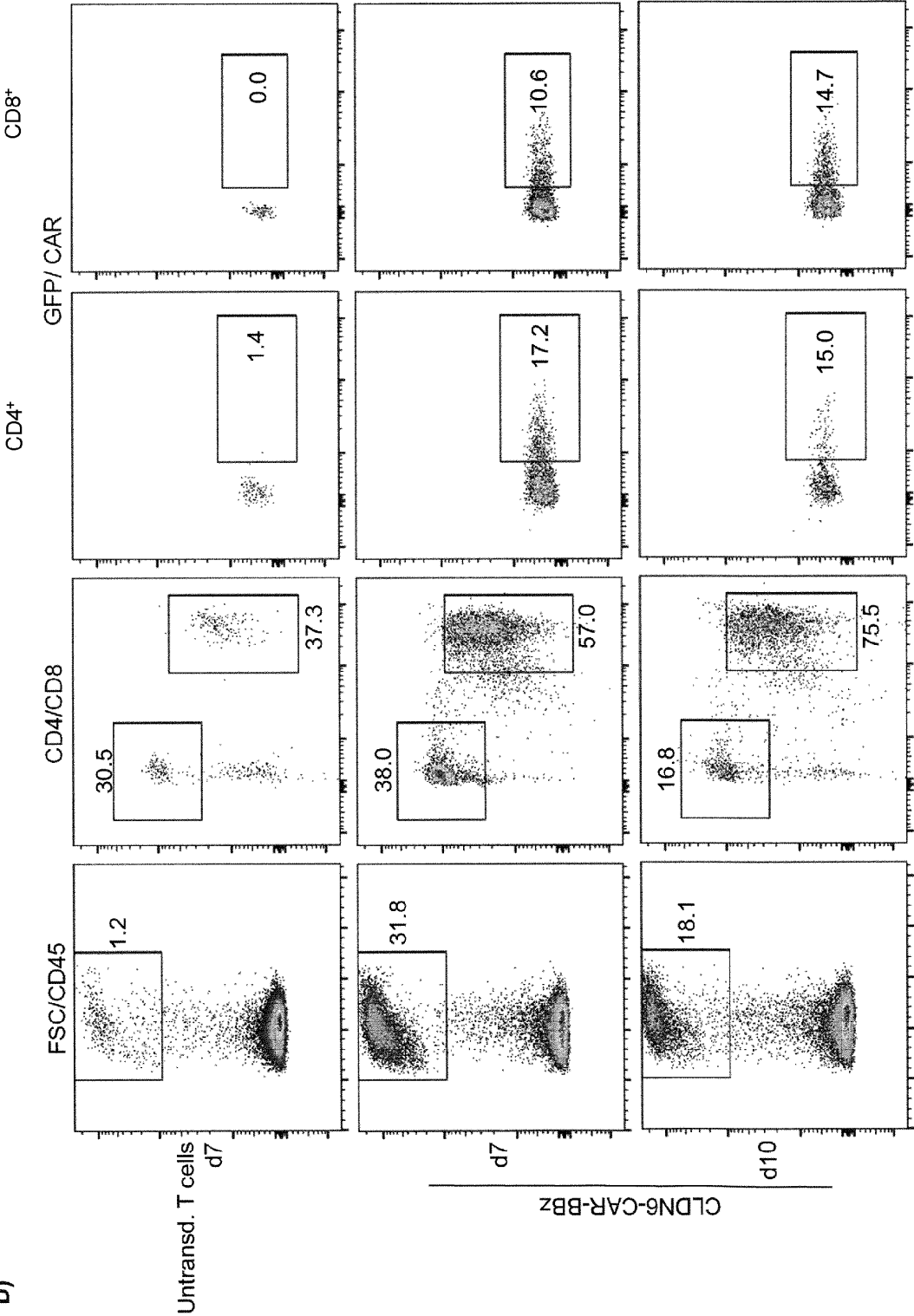


Figure 8

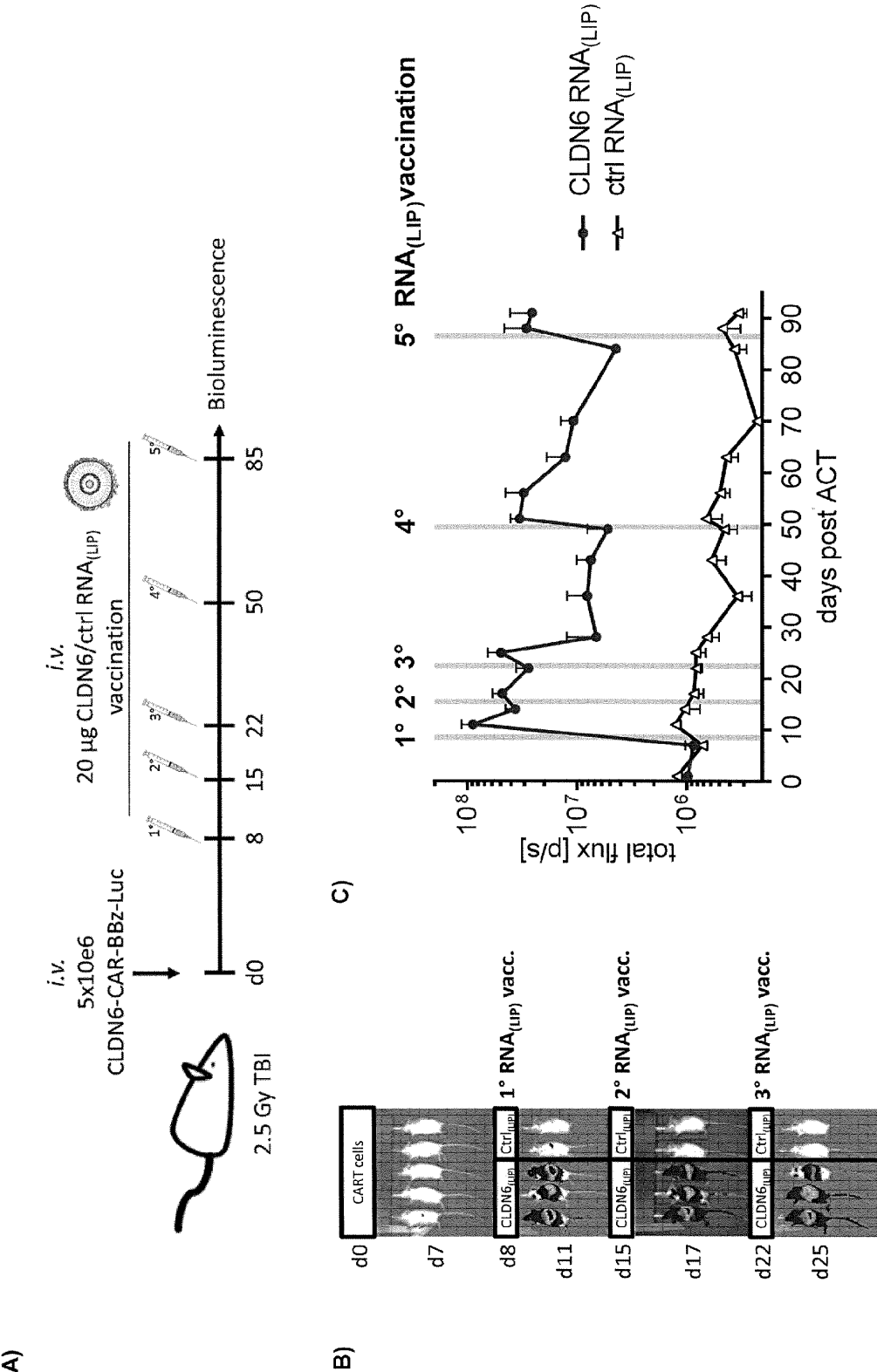


Figure 10

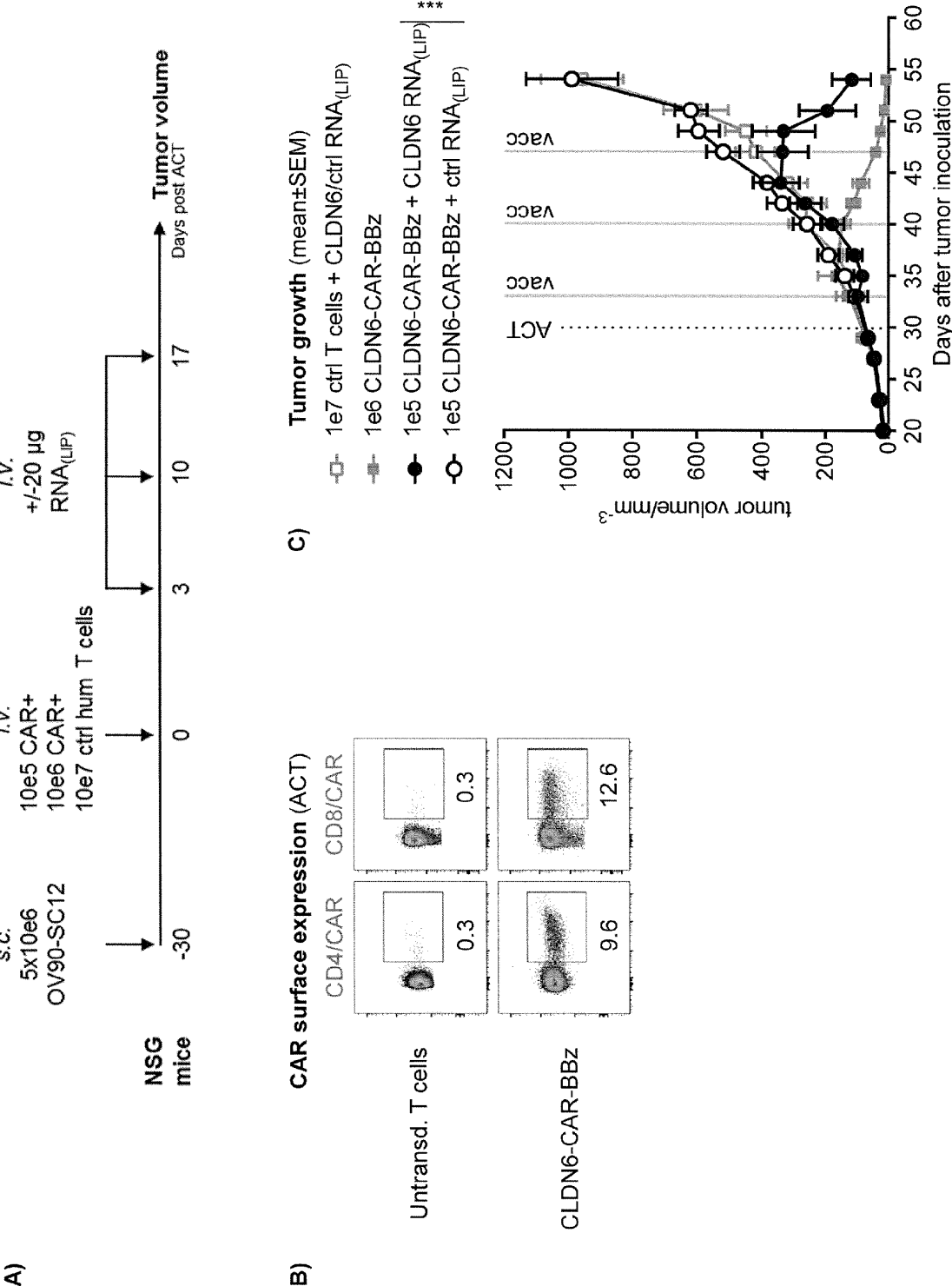


Figure 10

D) CAR-T persistence (2.5 wks post ACT)

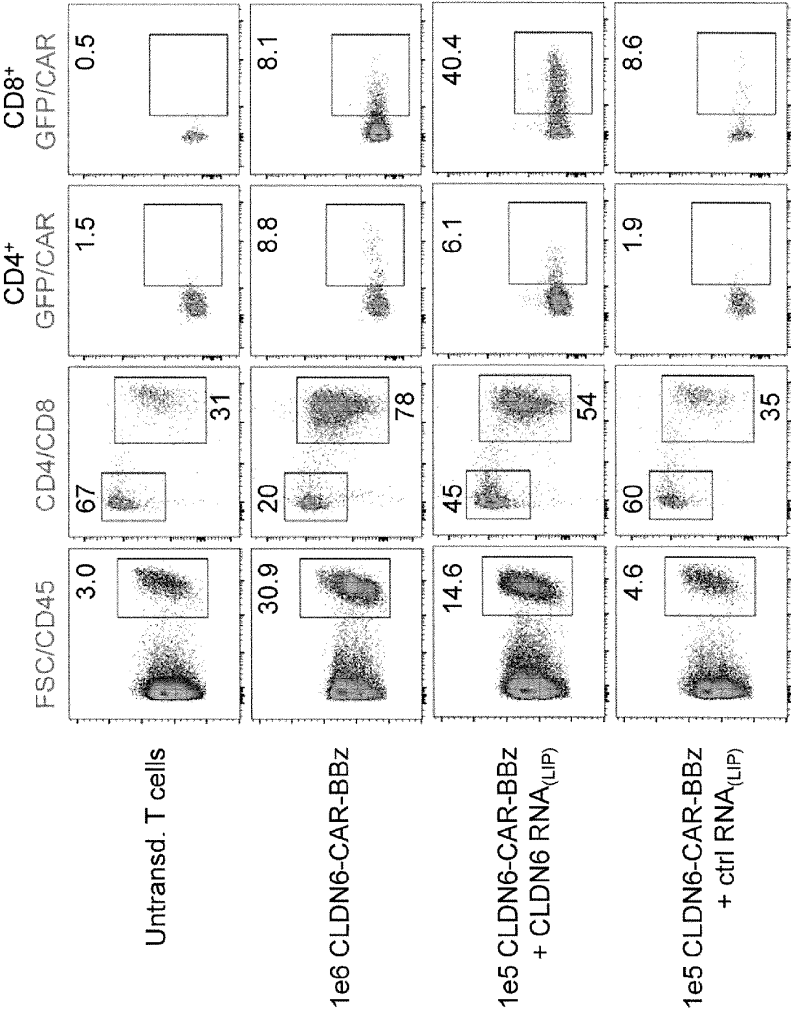


Figure 11

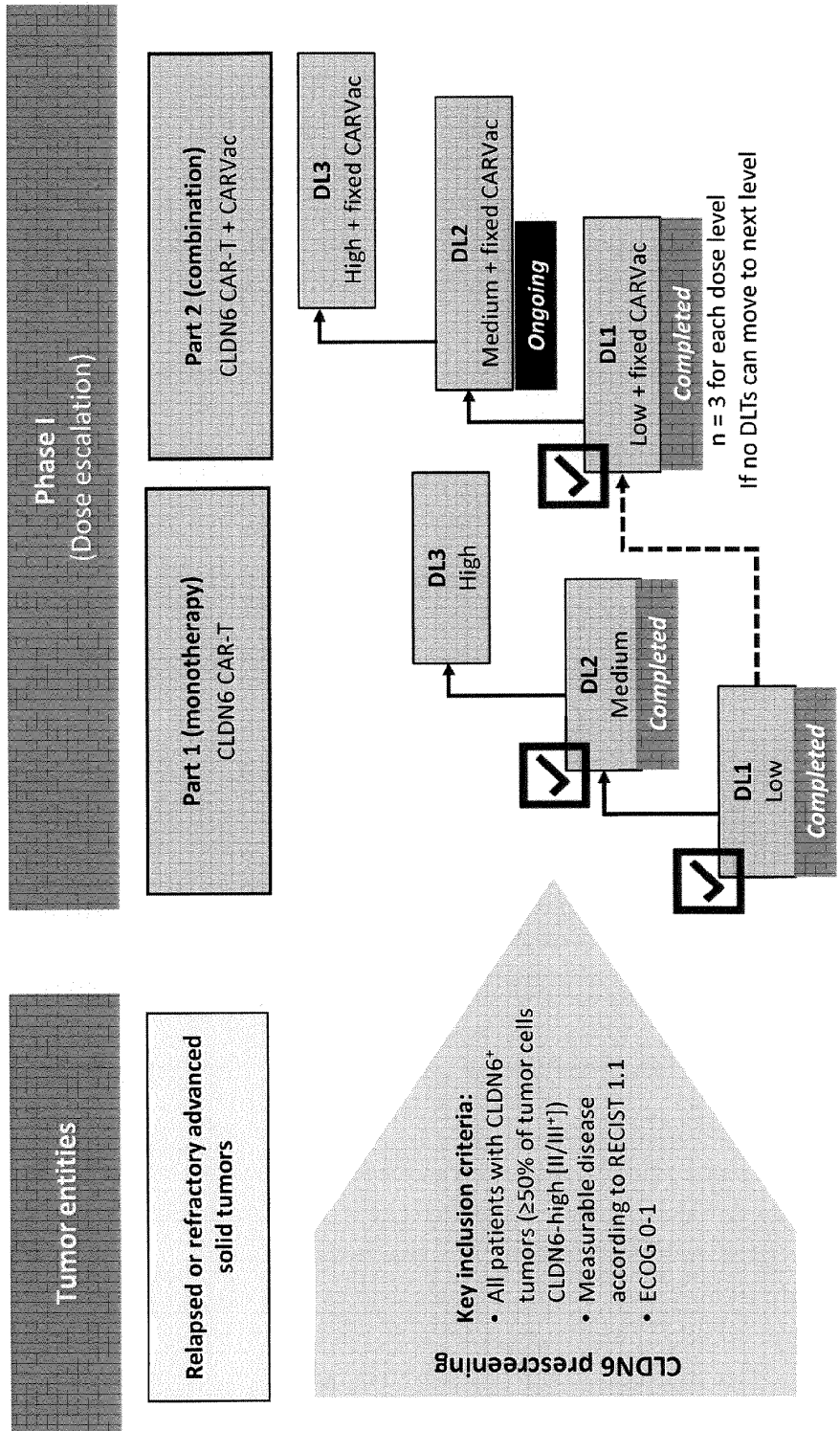


Figure 12

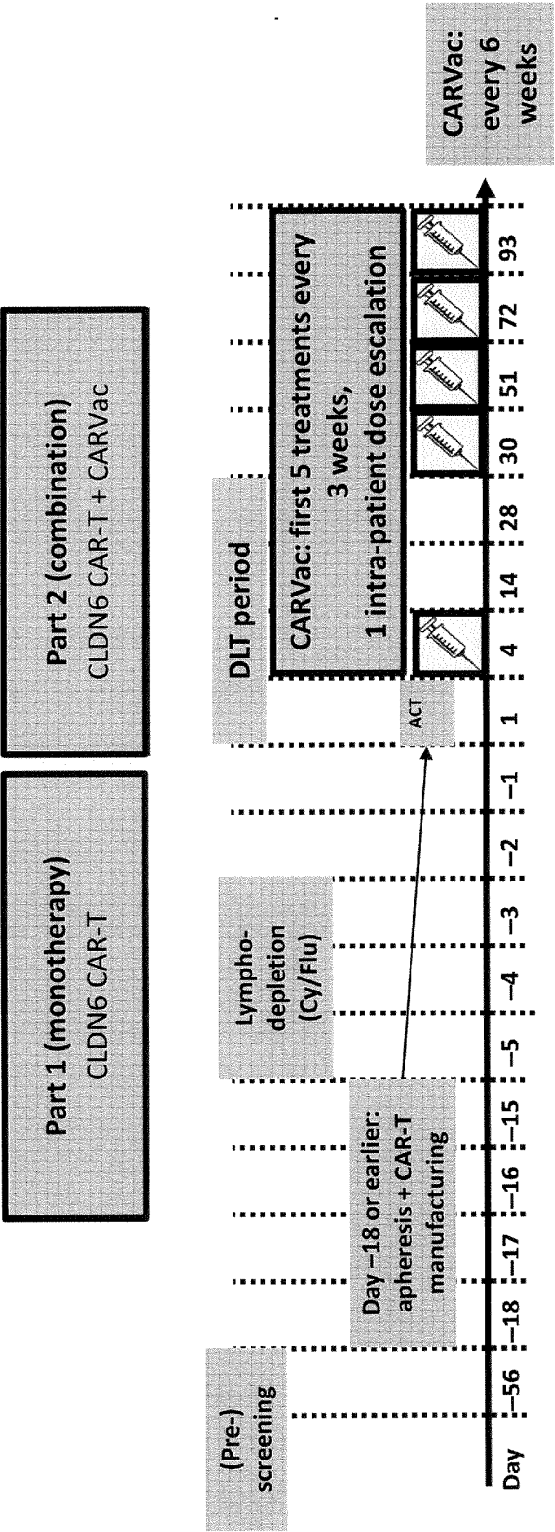
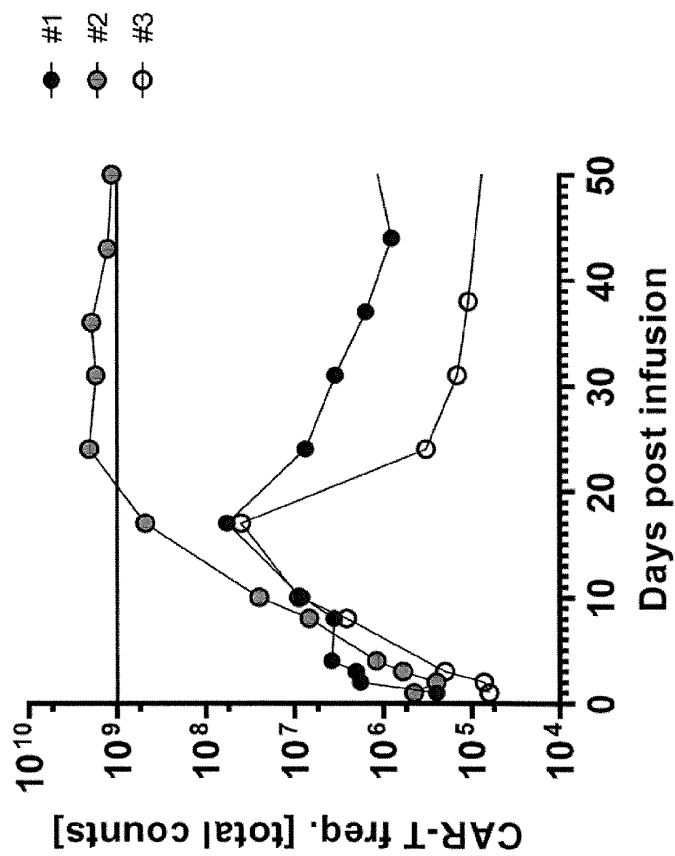


Figure 13A



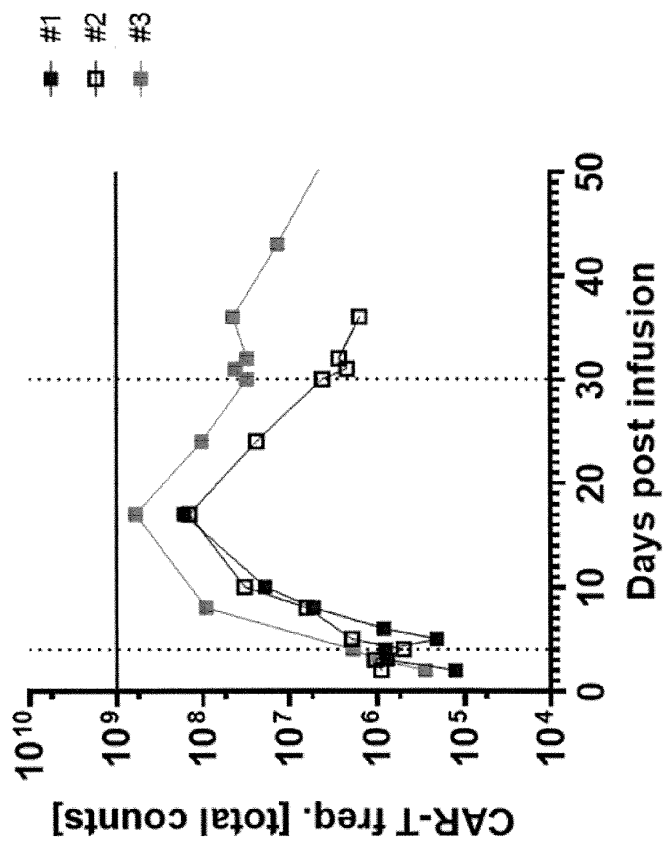


Figure 13B

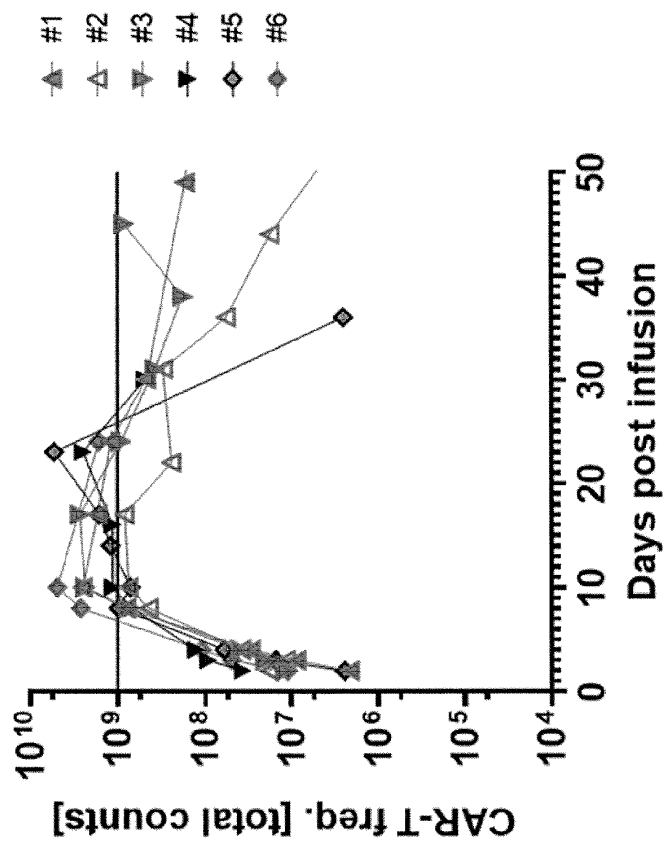


Figure 13C

Figure 14

First tumor assessments indicate clinical activity:
4 PR, 4 SD+, 1 SD at 6 weeks post infusion (ORR 4/10, DCR 9/10)

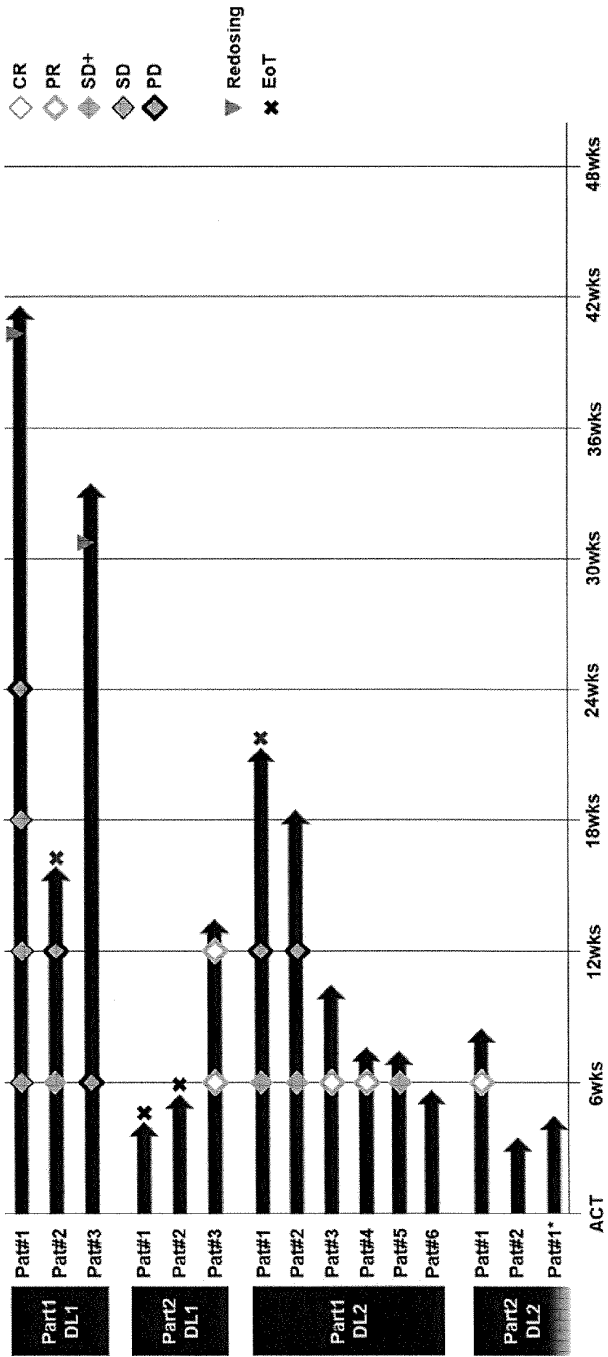


Figure 15

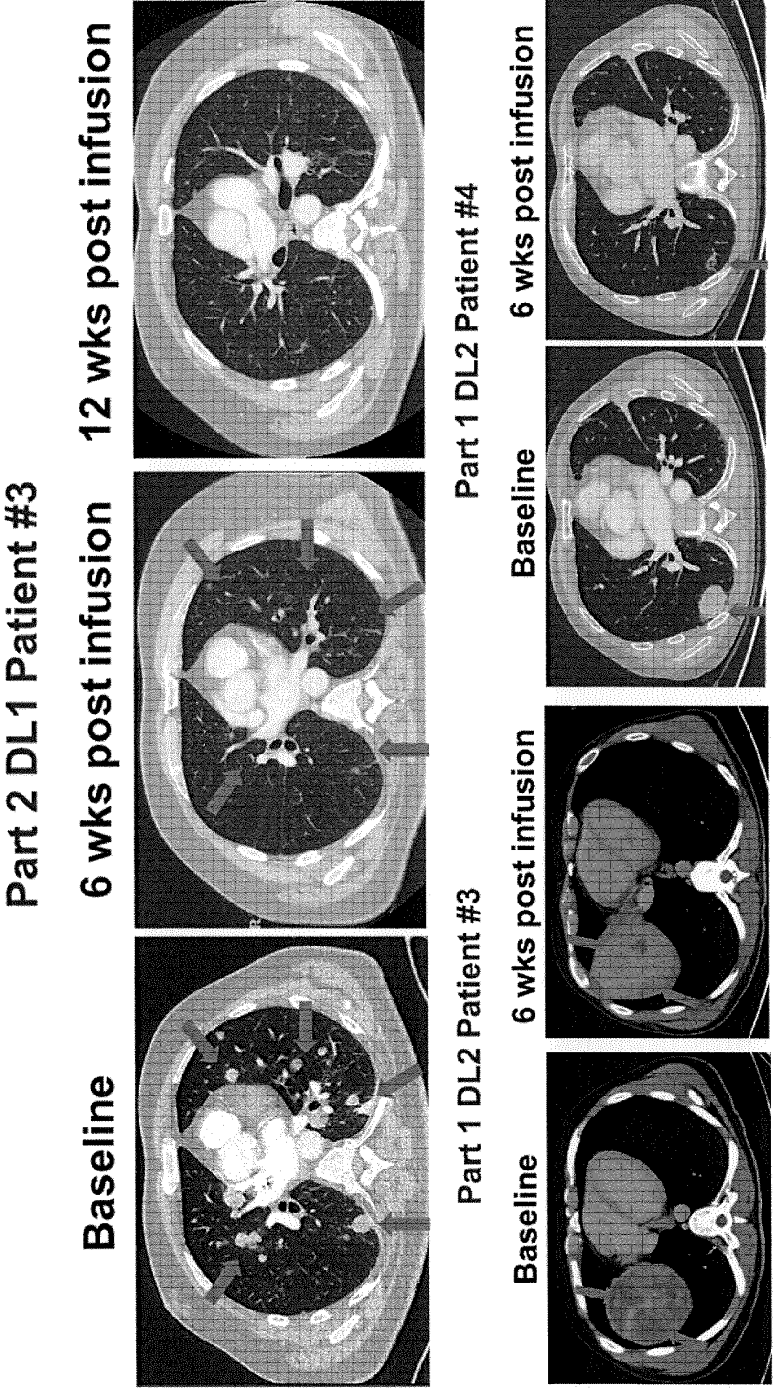


Figure 16

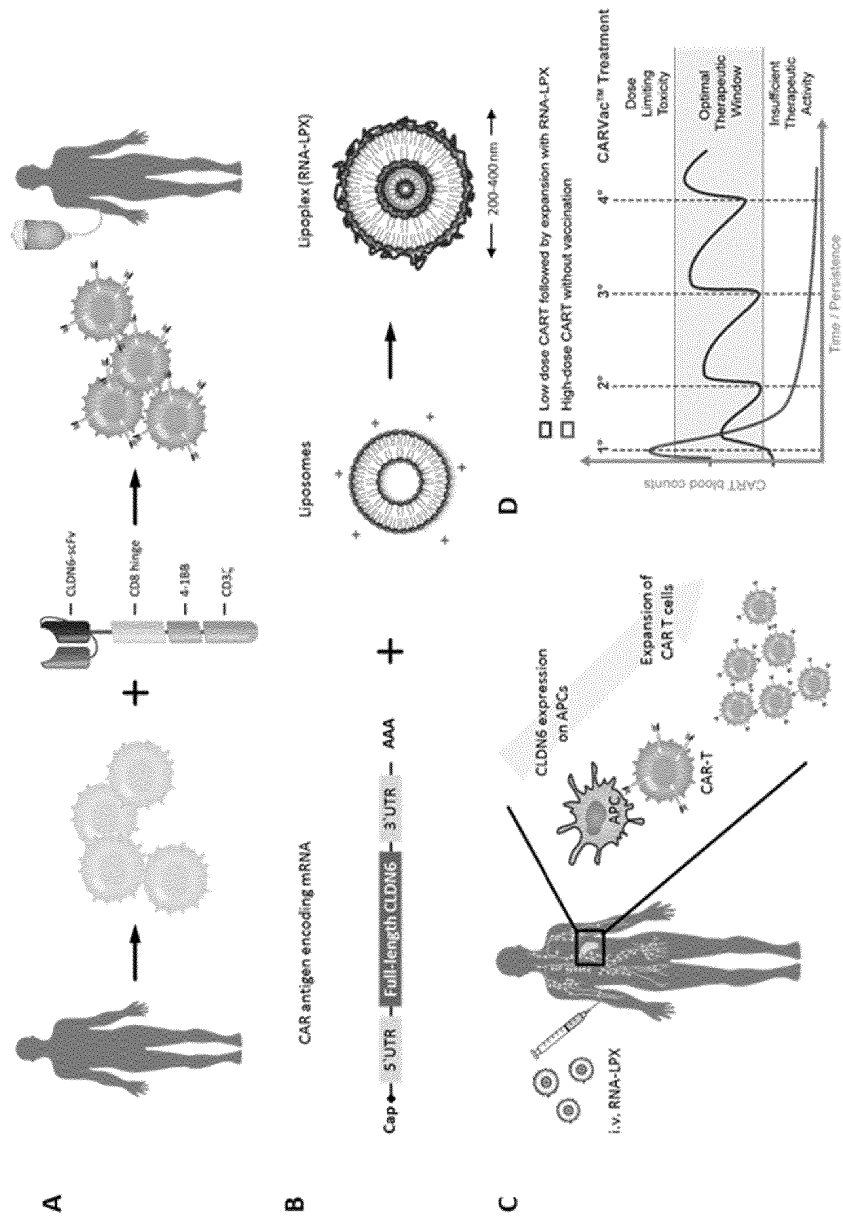


Figure 17

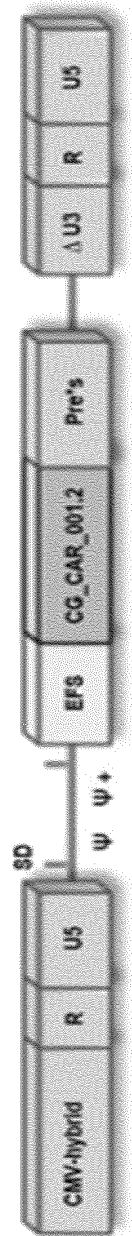


Figure 18

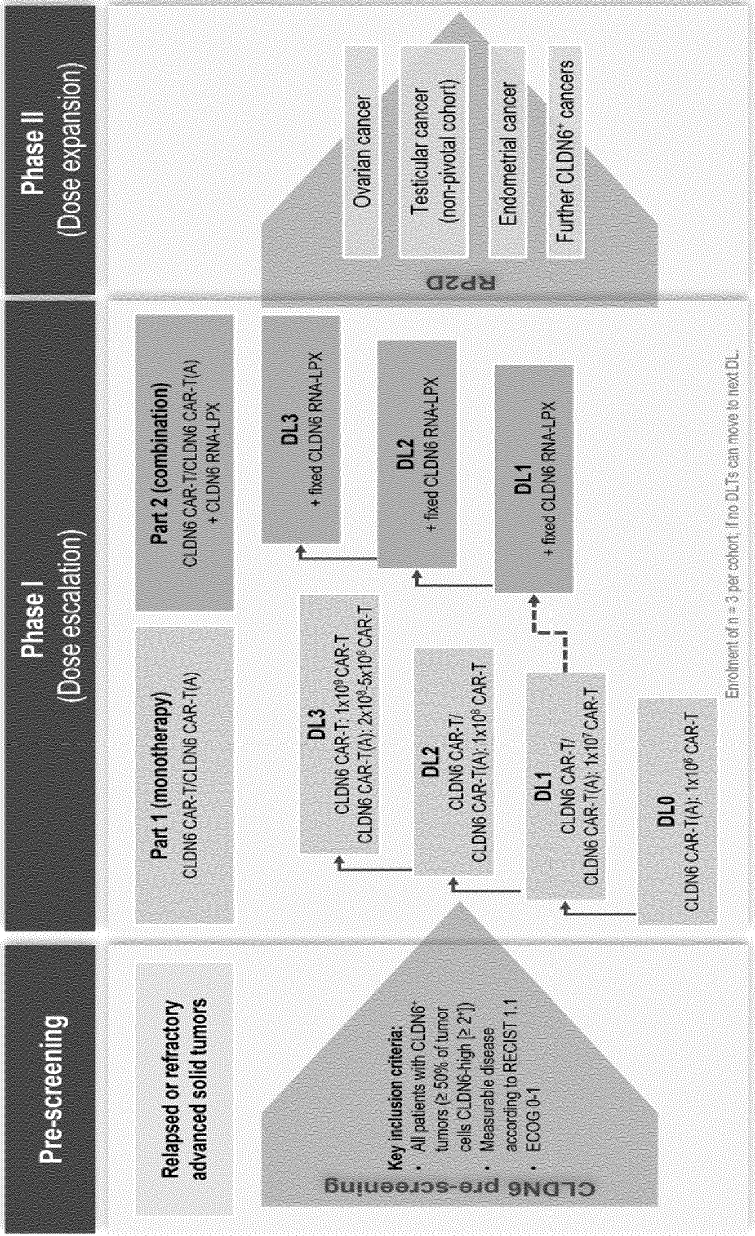


Figure 19

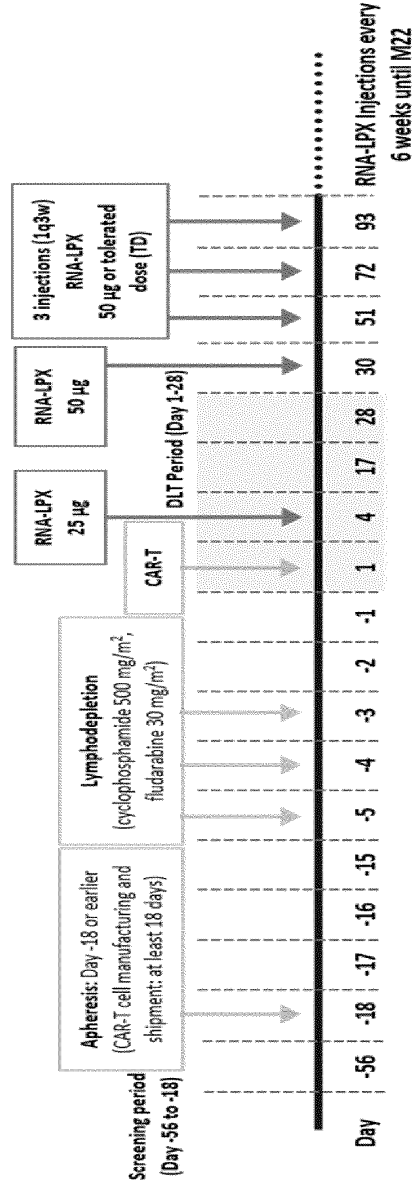


Figure 20

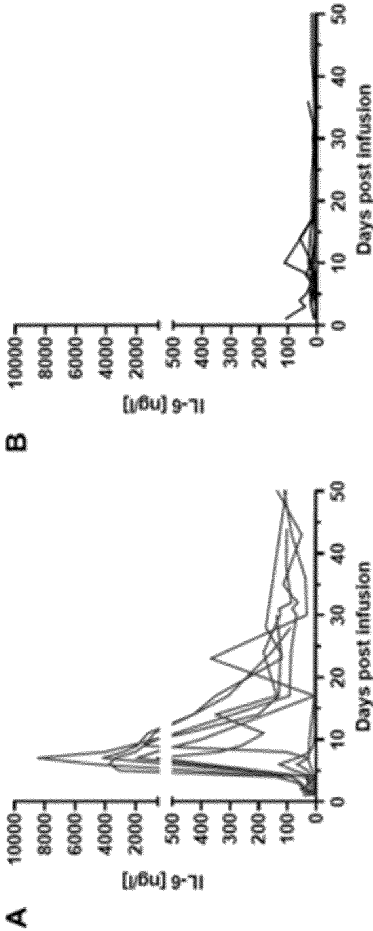


Figure 21

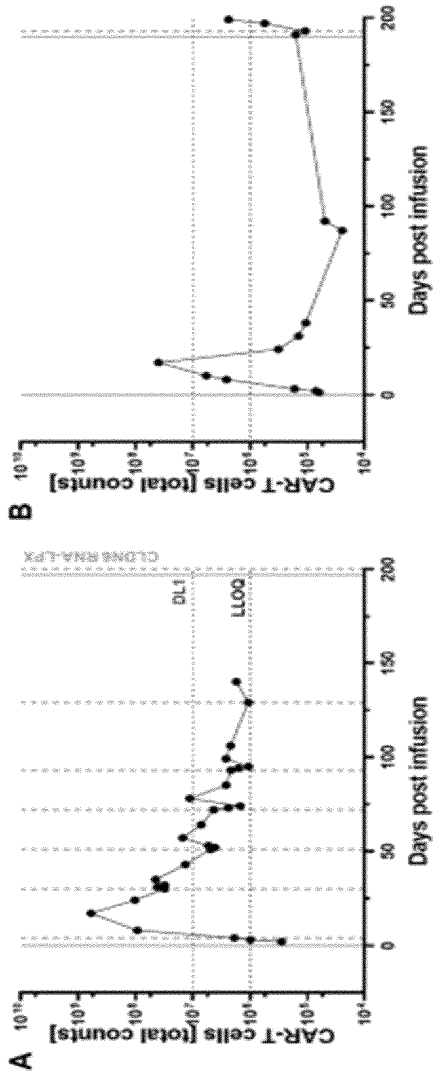


Figure 22

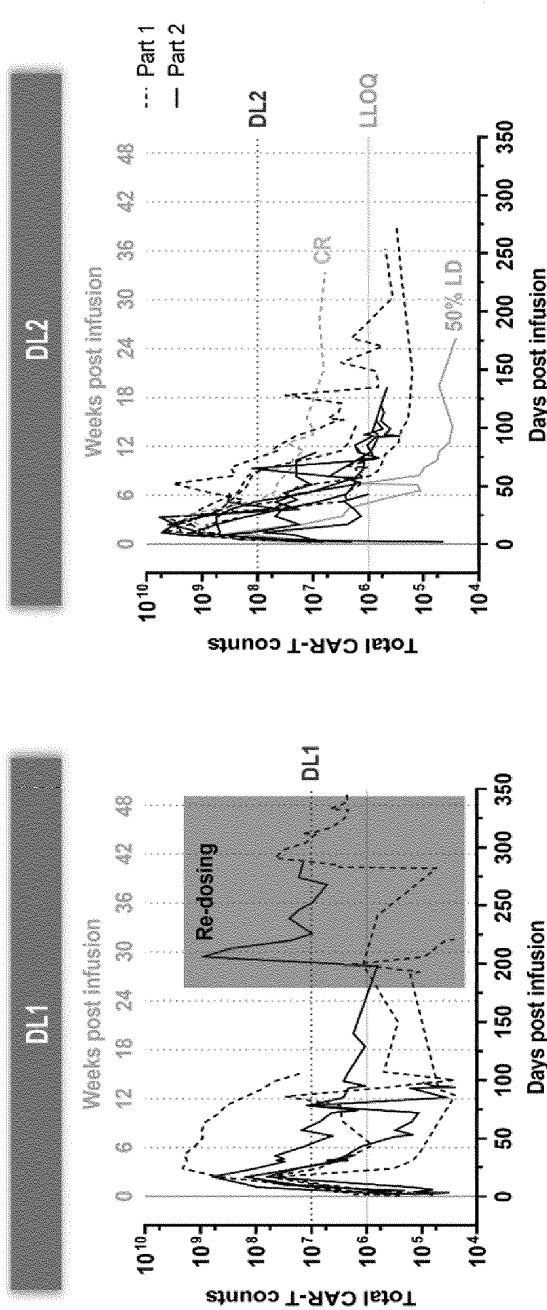


Figure 23

Day	Material	Process steps	In-process controls/Monitoring
0	Apheresis material CD4 and CD8 GMP MicroBeads	(1) Separation of CD4 ⁺ /CD8 ⁺ cells Enrichment of T cells by CD4 and CD8 purification	(i) Cell concentration (ii) Viability (iii) Immune cell composition (iv) Microbial control
0-2	CD3/CD28 TransAct™ Culture media IL-7/IL-15	(2) Stimulation of CD4 ⁺ and CD8 ⁺ T cells (37°C; 5% CO ₂) Cultivation and stimulation of T cells in centricult unit of Prodigy®	(i) Cell concentration (ii) Viability (iii) Immune cell composition
2	Viral vector containing supernatant Vectofusin®.1 X-VIVO™ 15 media IL-7 IL-15	(3) Transduction of CD4 ⁺ and CD8 ⁺ T cells (MOI 2, 400 x g, 2 h at 32°C) Spinoculation in Prodigy® centricult unit	(i) Cell concentration and viability (ii) Microbial control
3	Culture media IL-7 IL-15	(4) Expansion of cells Washing of CD4 ⁺ and CD8 ⁺ T cells, addition of 200 mL culture medium with cytokines and culture of cells in culture unit (37°C; 5% CO ₂)	
5	Culture media IL-7 IL-15	Media exchange: Centrifugation of cells, removal of 130 mL medium and addition of 180 mL culture medium with cytokines	
7		(5) DS	

Automated manufacturing process (Prodigy® system)

Figure 24

