

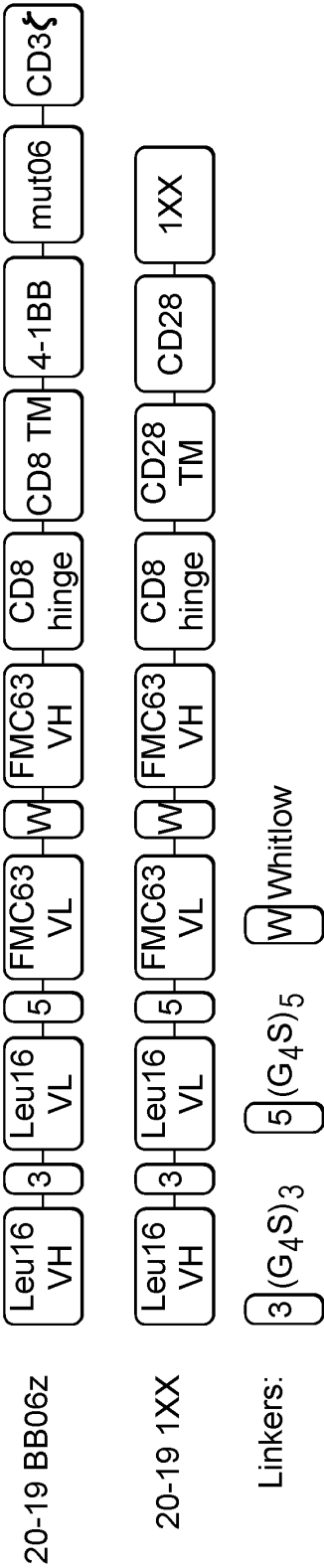


FIG. 1

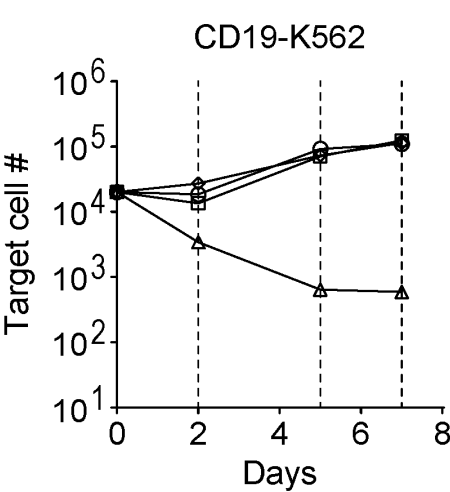


FIG. 2A

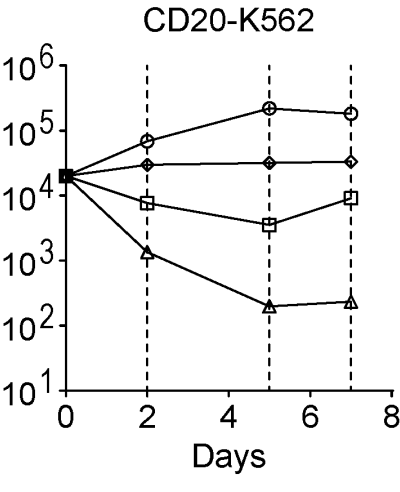


FIG. 2B

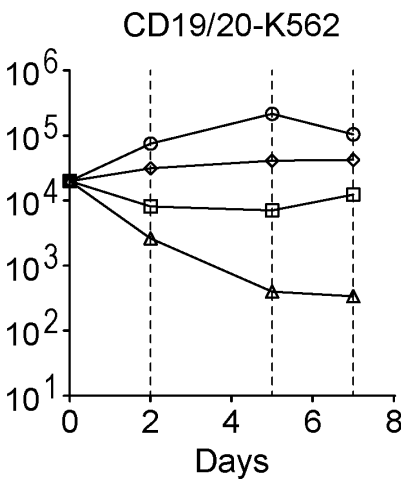


FIG. 2C

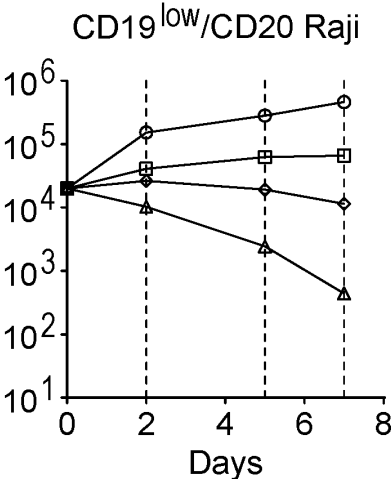


FIG. 2D

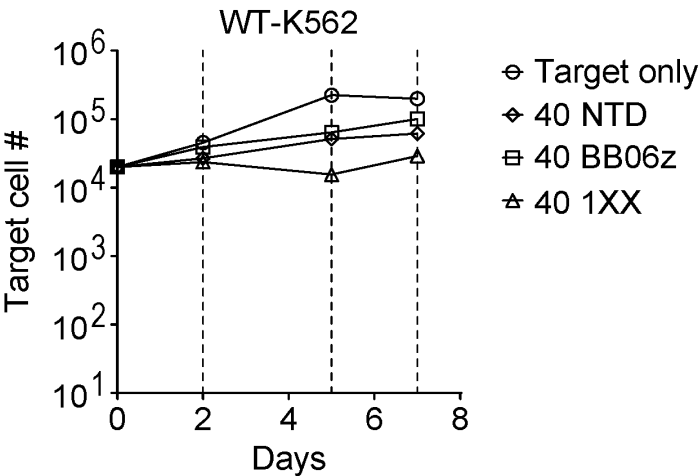
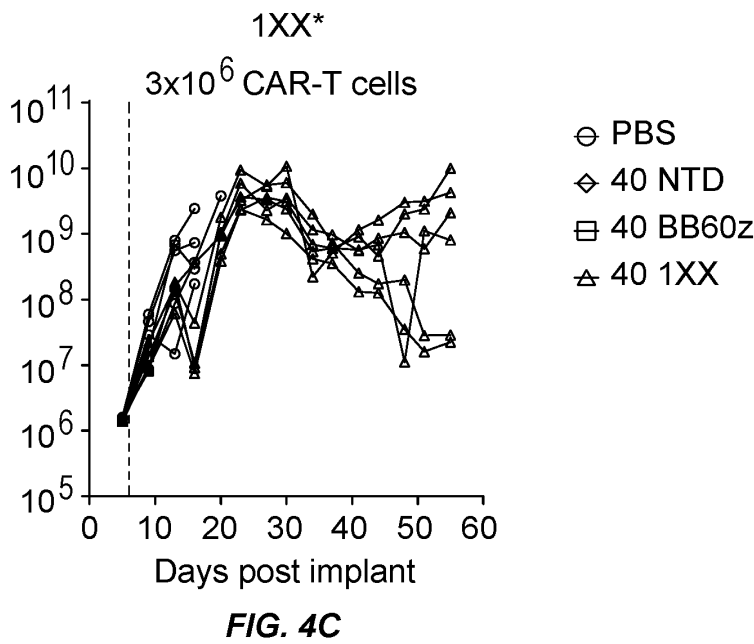
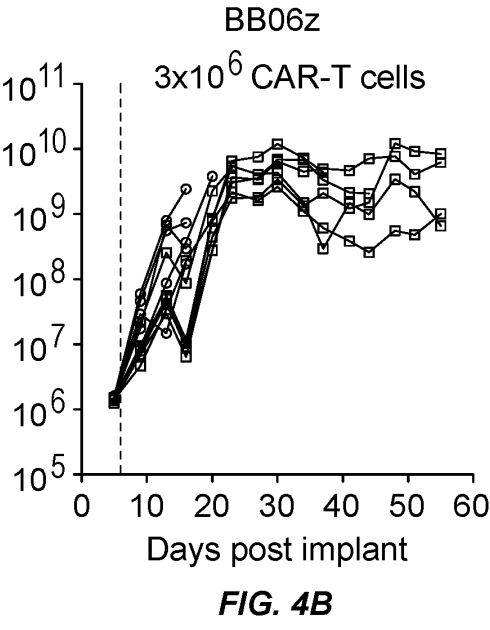
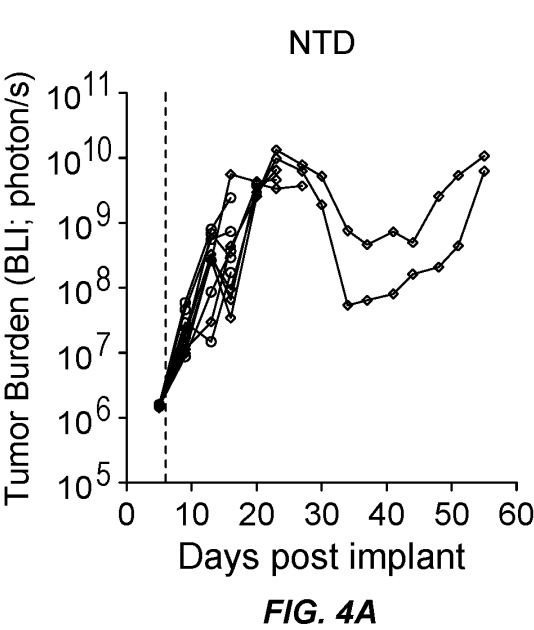
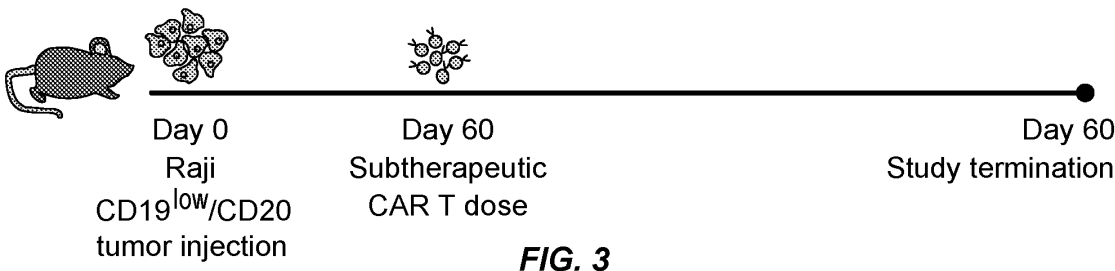


FIG. 2E

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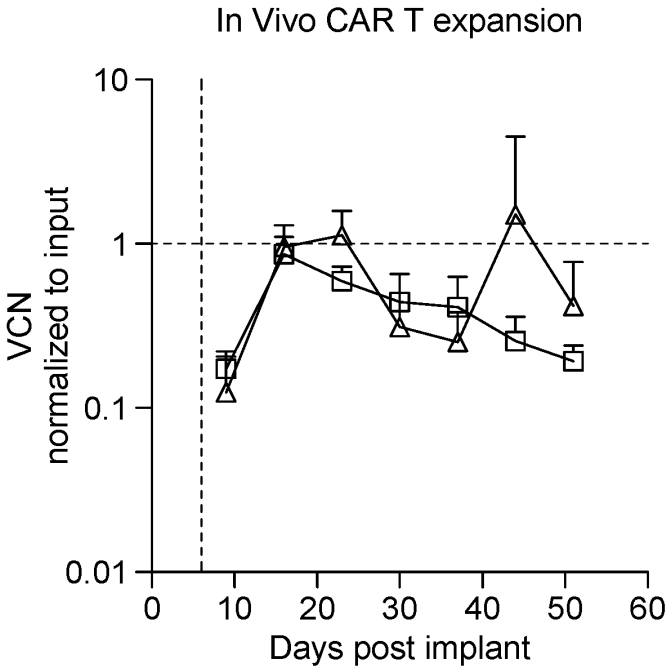


FIG. 5A

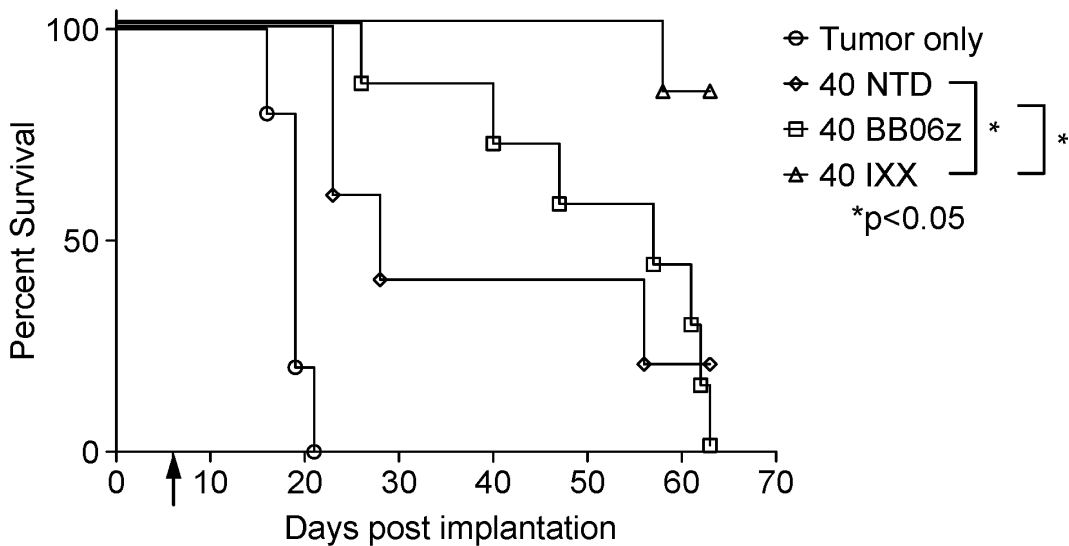


FIG. 5B

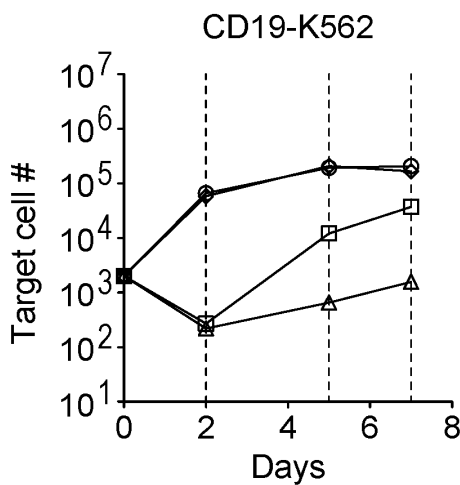


FIG. 6A

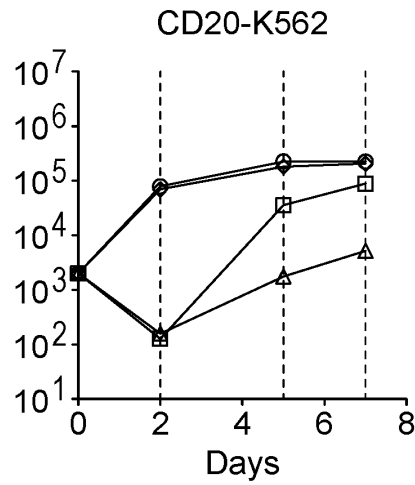


FIG. 6B

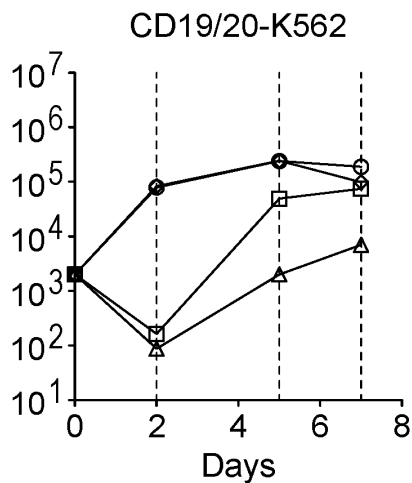


FIG. 6C

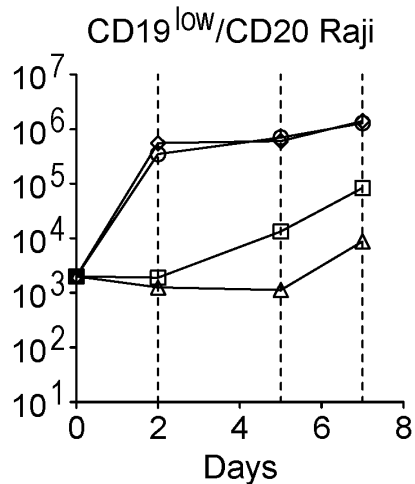


FIG. 6D

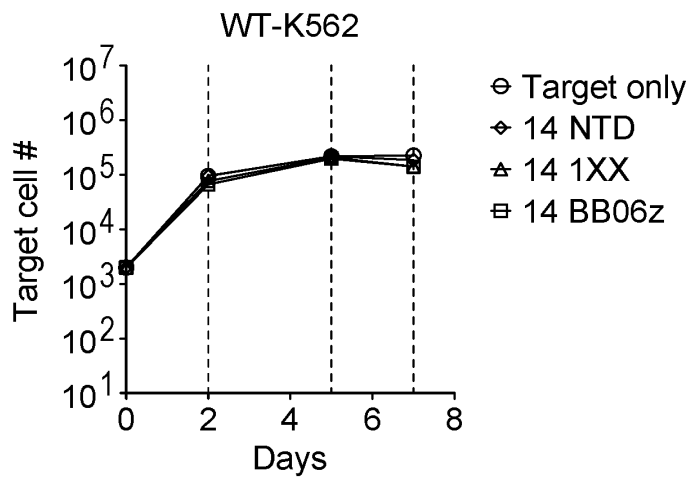


FIG. 6E

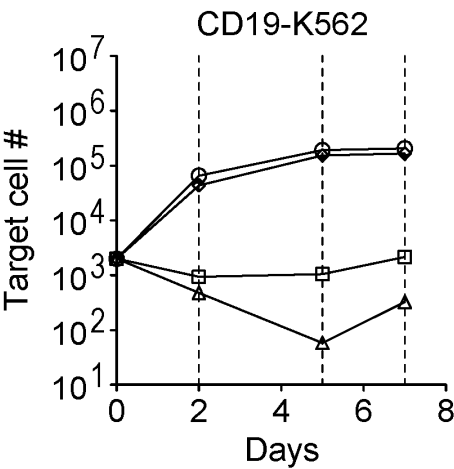


FIG. 7A

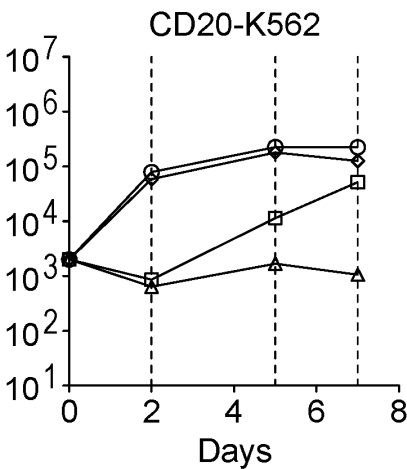


FIG. 7B

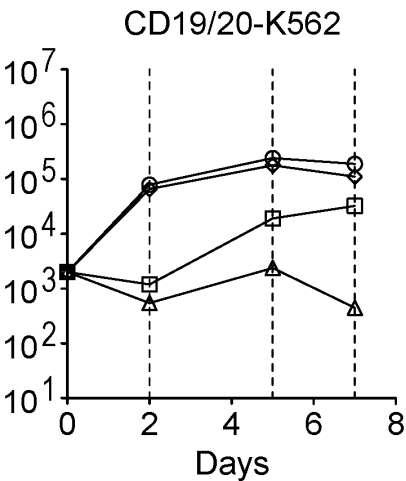


FIG. 7C

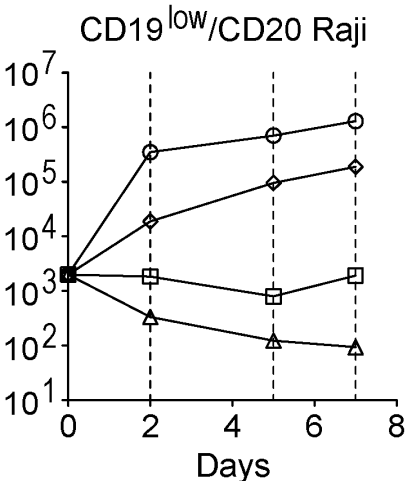


FIG. 7D

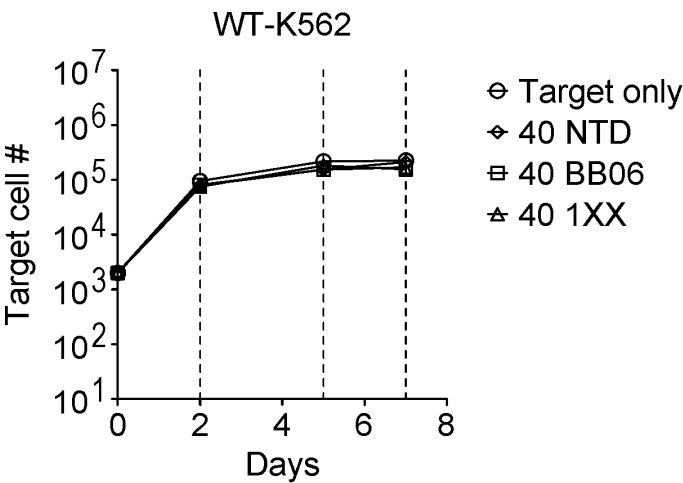


FIG. 7E

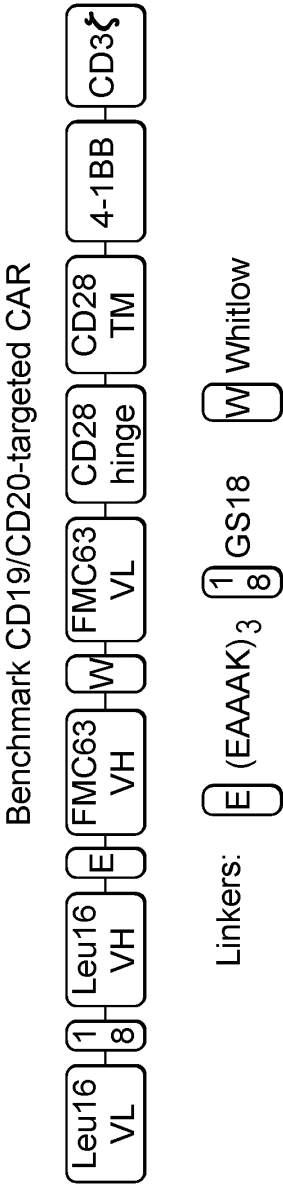


FIG. 8

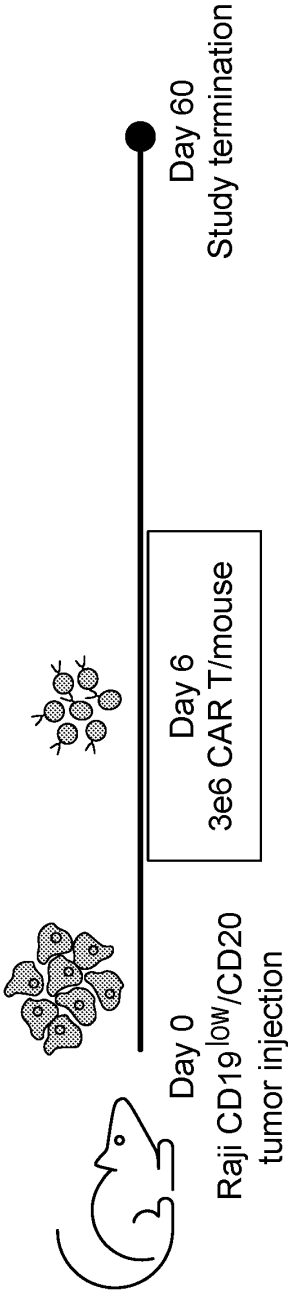


FIG. 9

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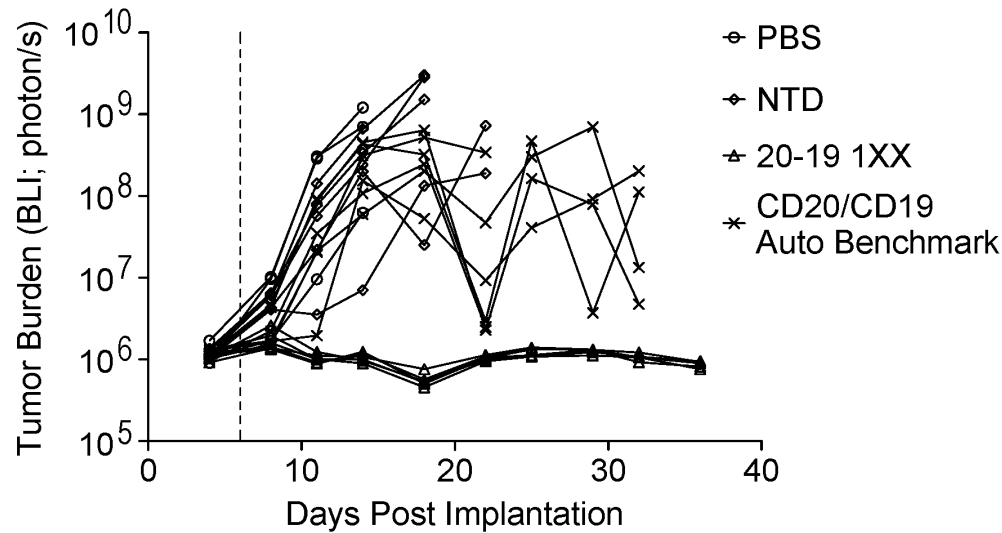


FIG. 10A

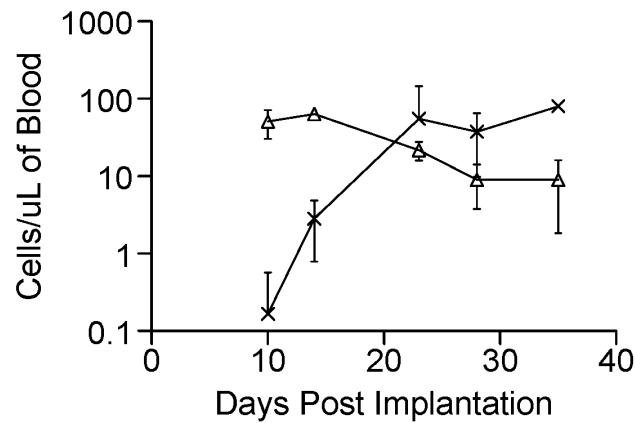


FIG. 10B

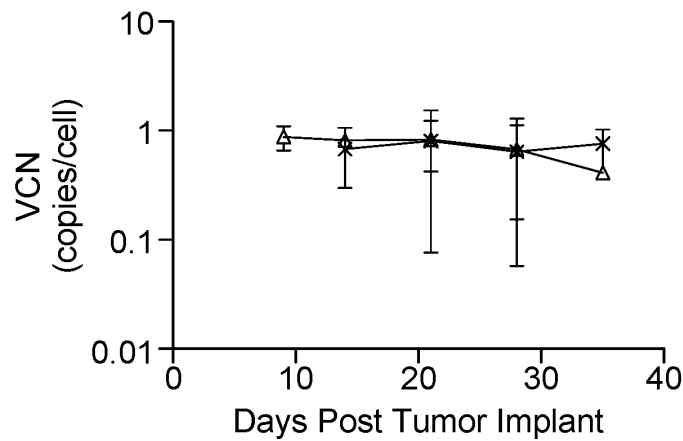


FIG. 10C

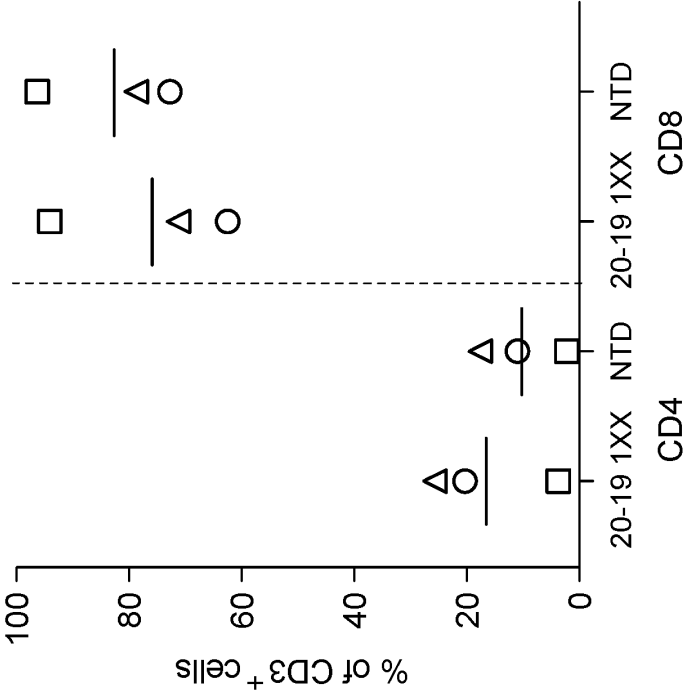


FIG. 11B

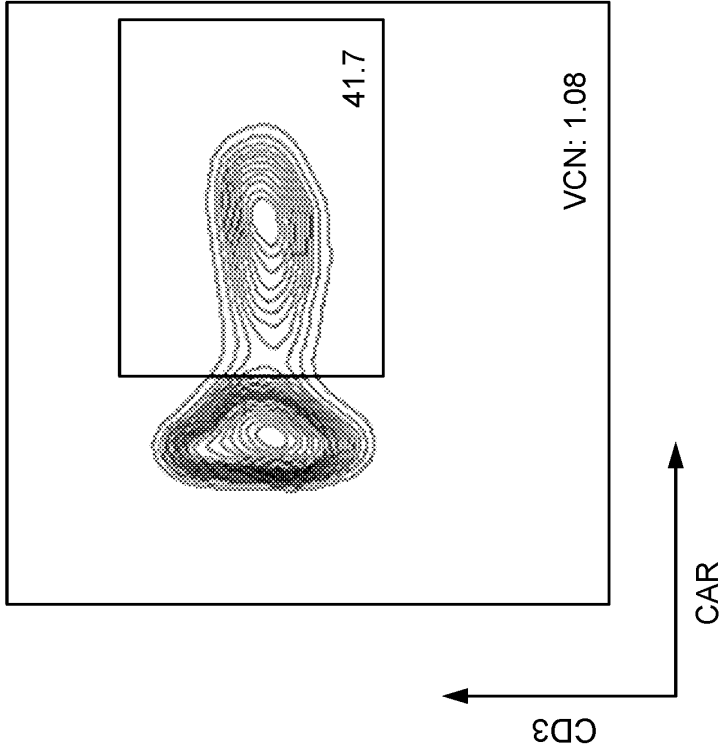


FIG. 11A

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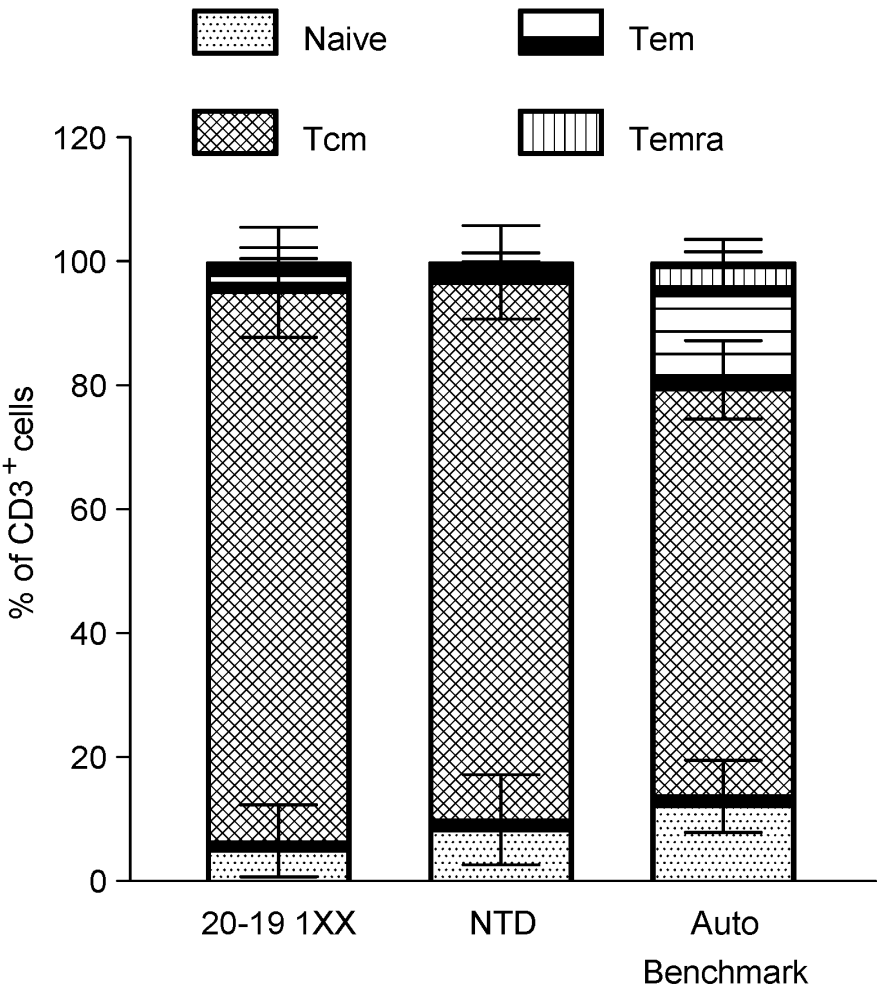


FIG. 11C

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- Target only
- 13 NTD
- △ 13 20-19 1XX
- ▽ 14 NTD
- ◇ 14 20-19 1XX

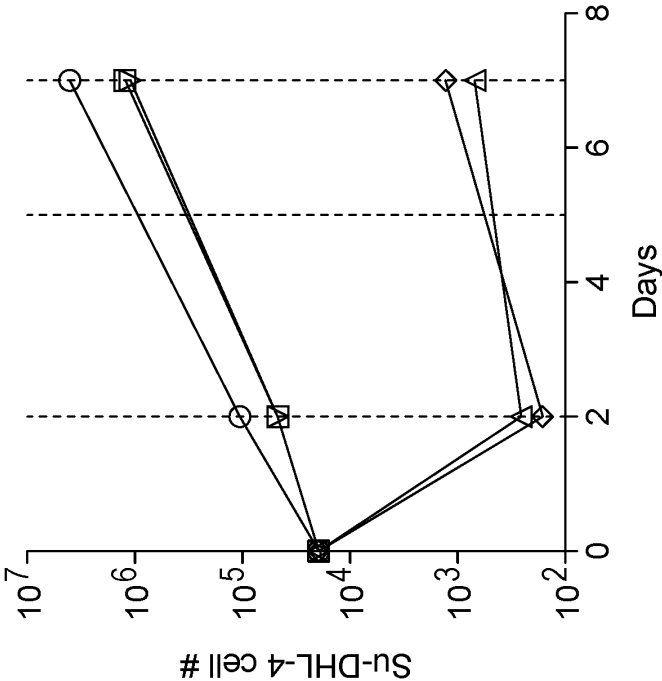


FIG. 12B

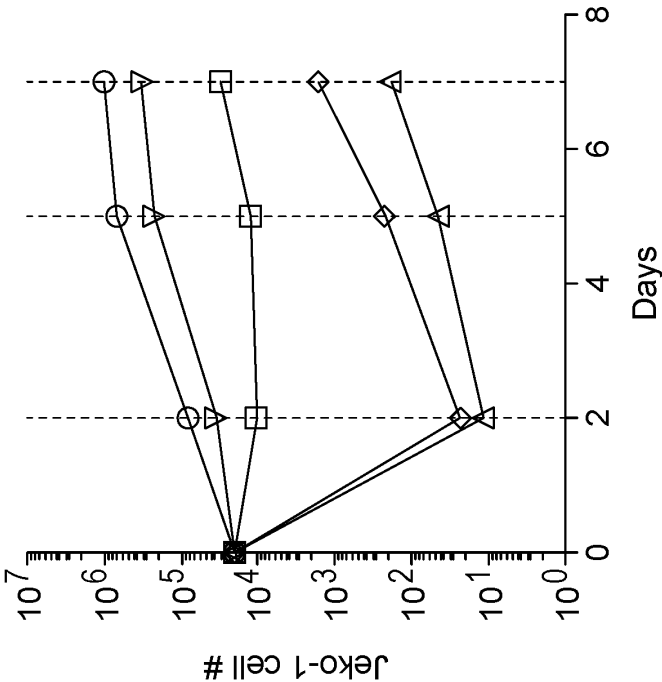


FIG. 12A

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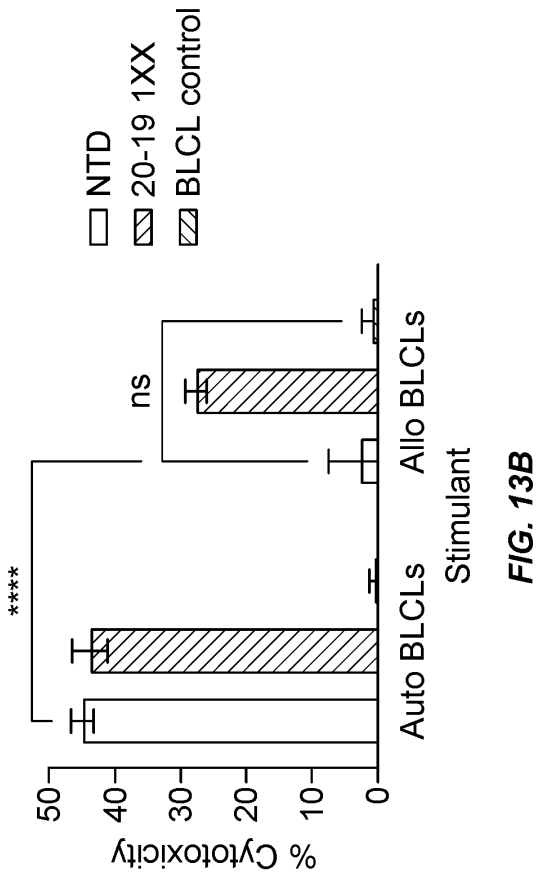


FIG. 13B

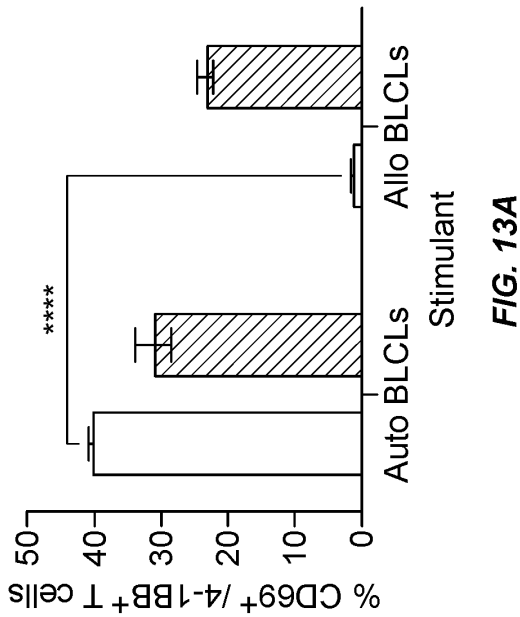


FIG. 13A

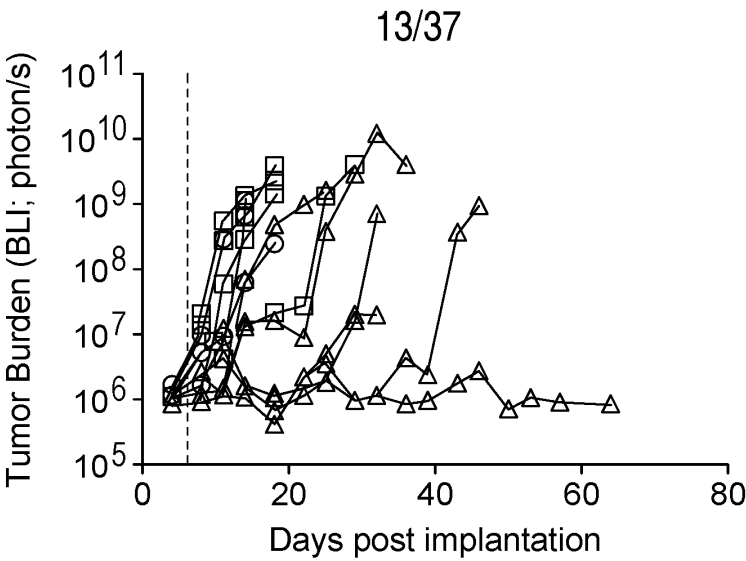


FIG. 14A

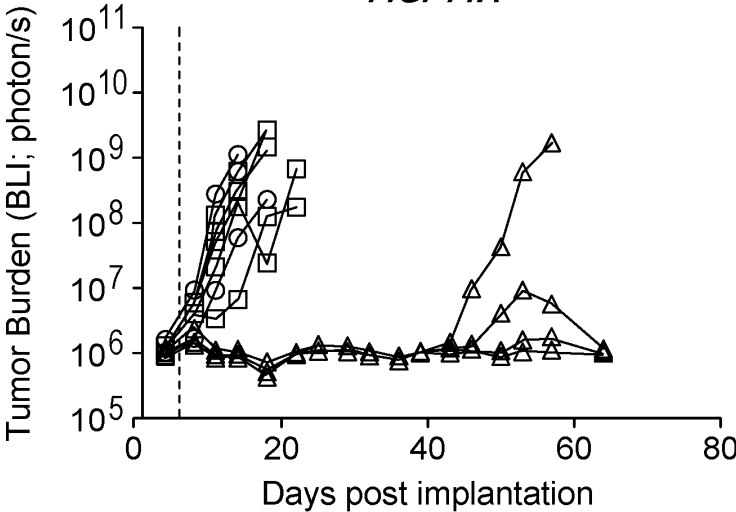


FIG. 14B

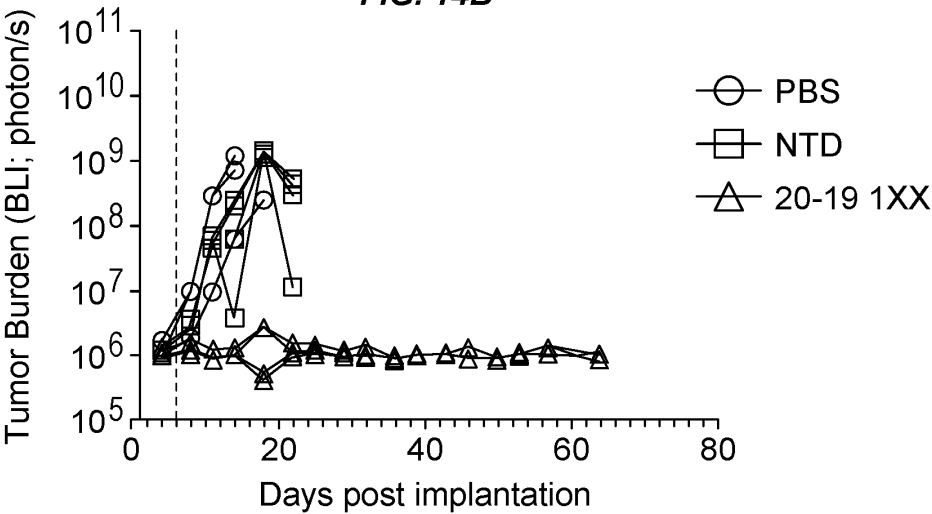


FIG. 14C

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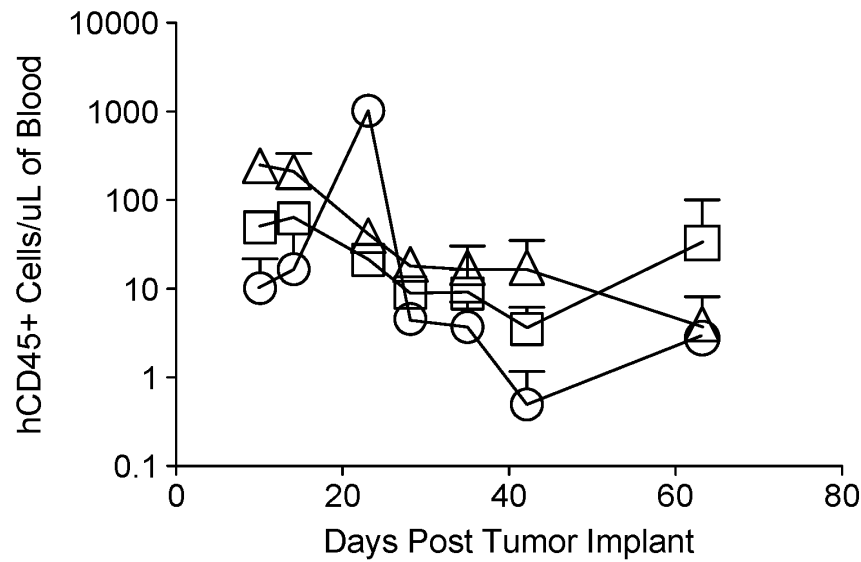


FIG. 14D

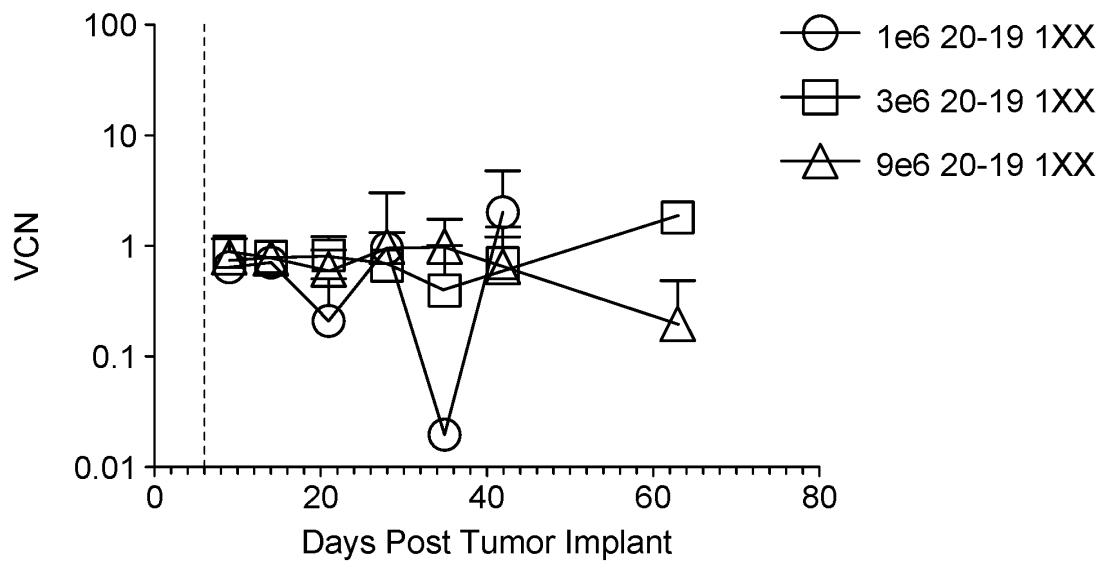


FIG. 14E

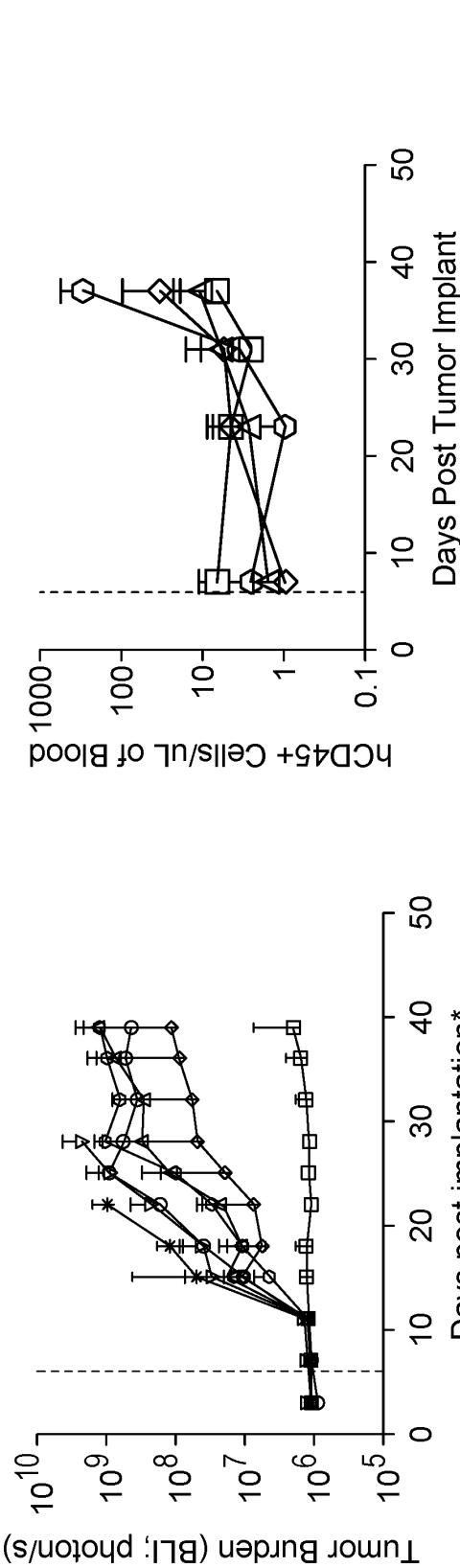


FIG. 15A

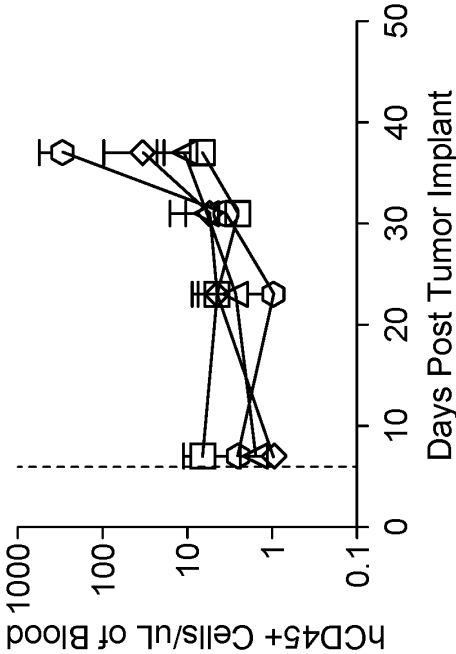


FIG. 15B

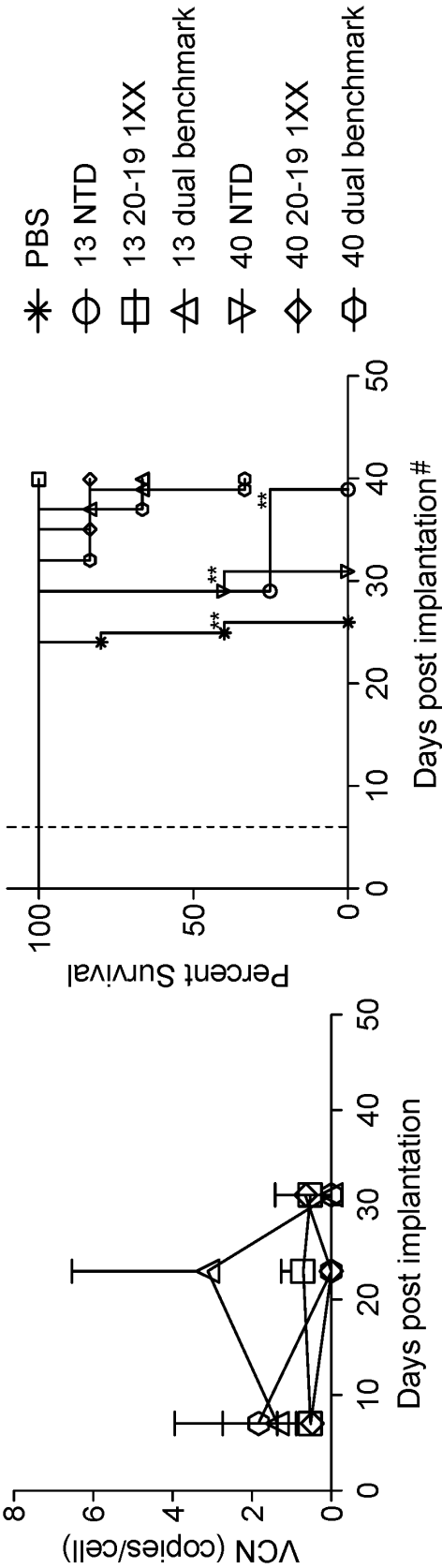


FIG. 15C

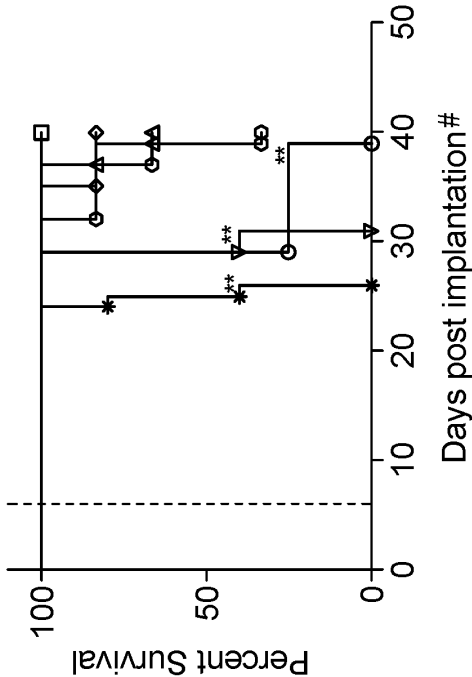


FIG. 15D

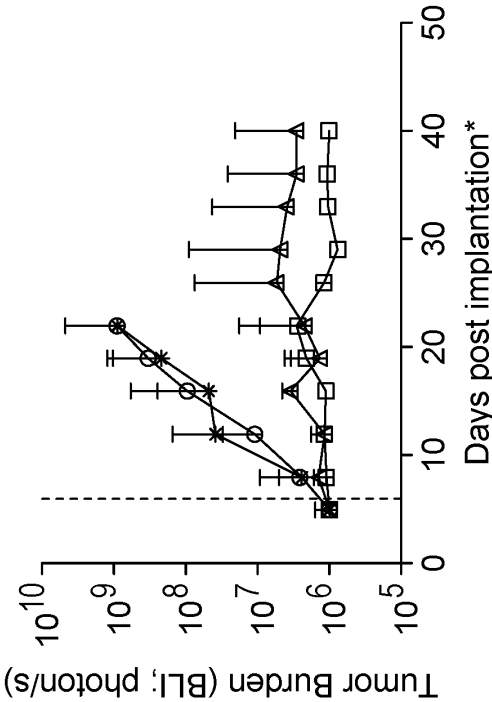


FIG. 15E

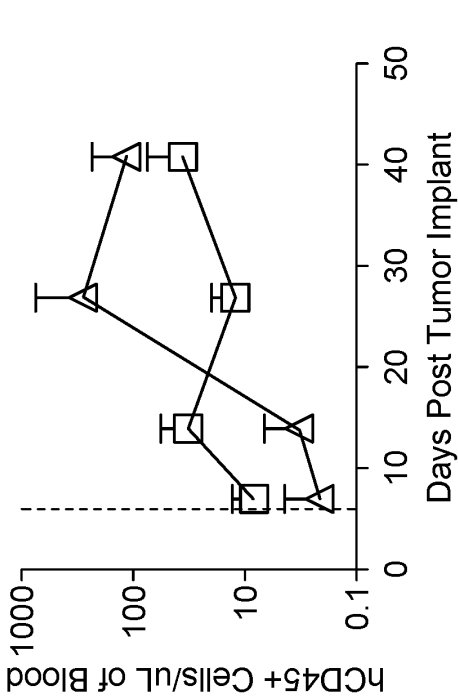


FIG. 15F

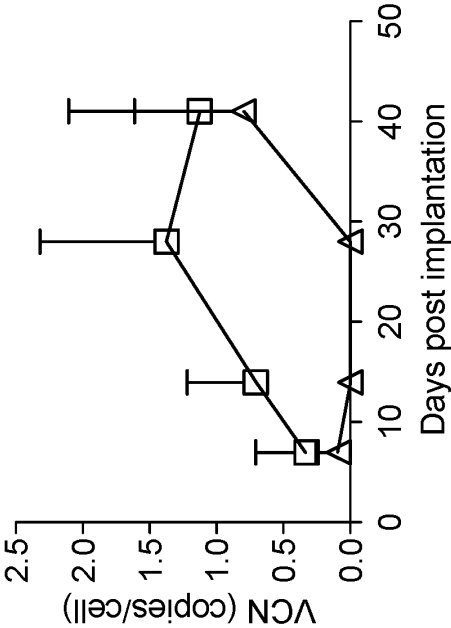


FIG. 15G

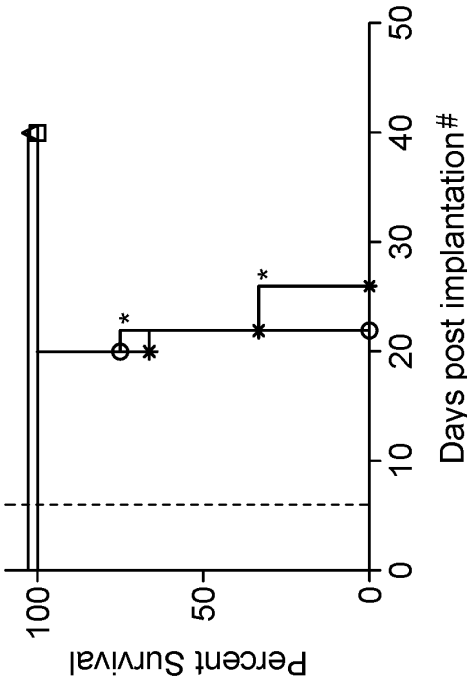


FIG. 15H

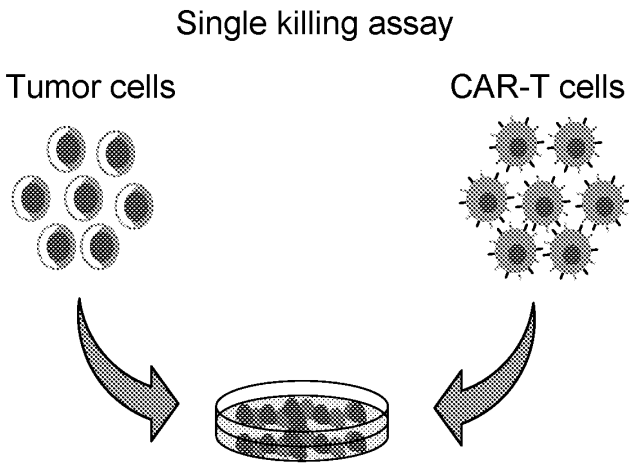


FIG. 16

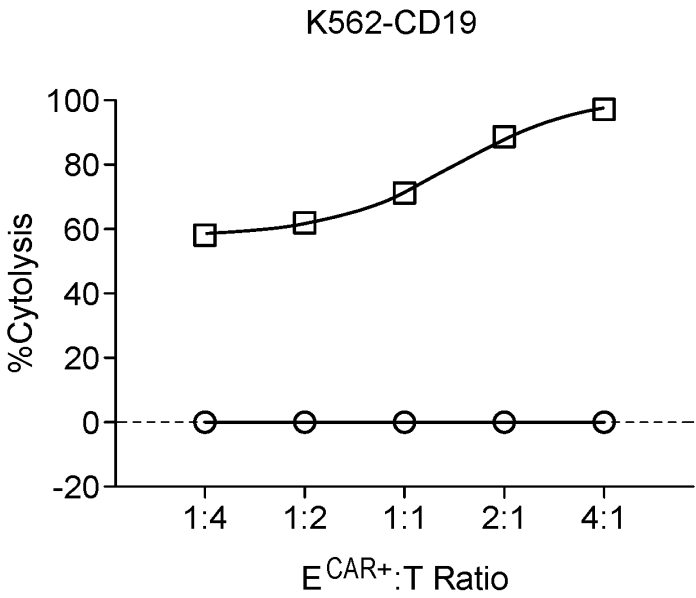


FIG. 17A

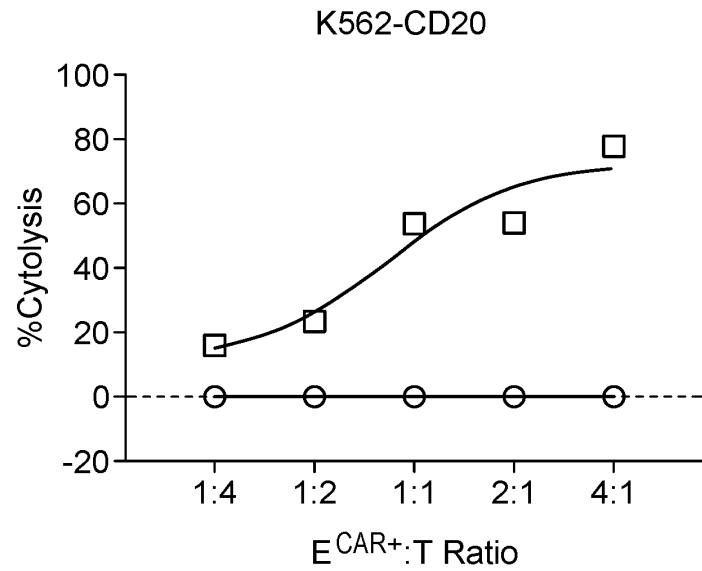


FIG. 17B

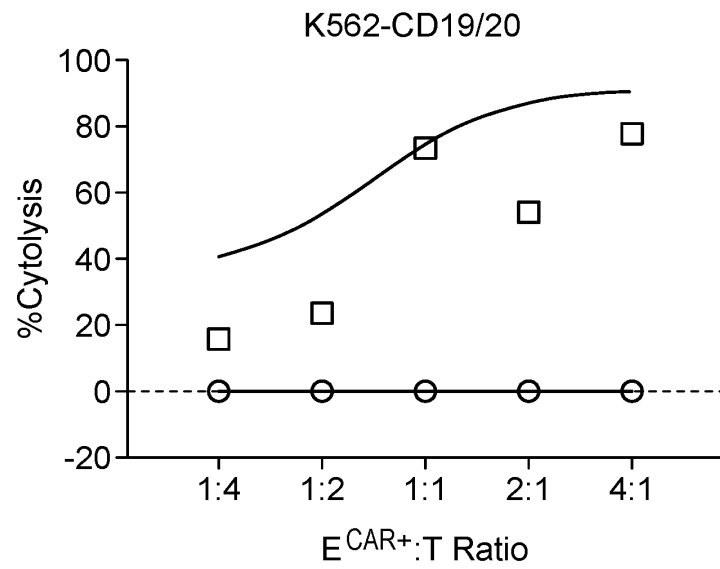
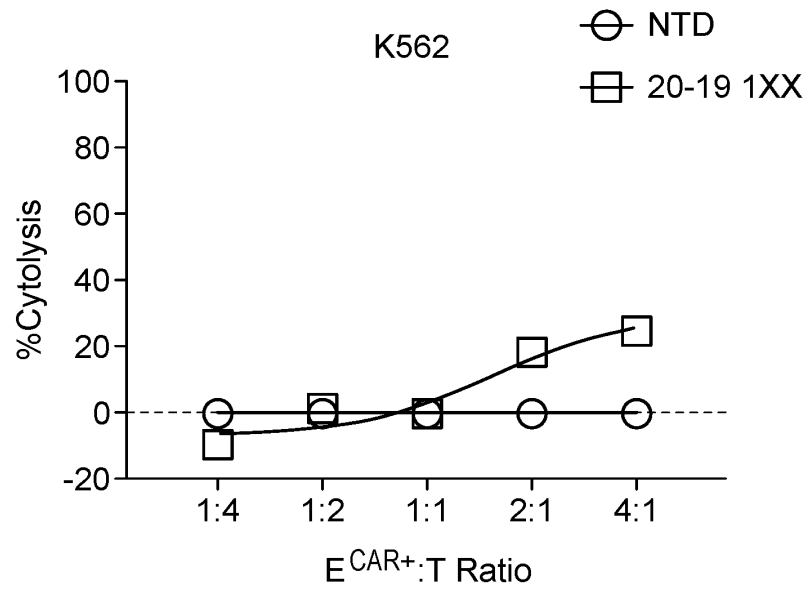


FIG. 17C

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**FIG. 17D**

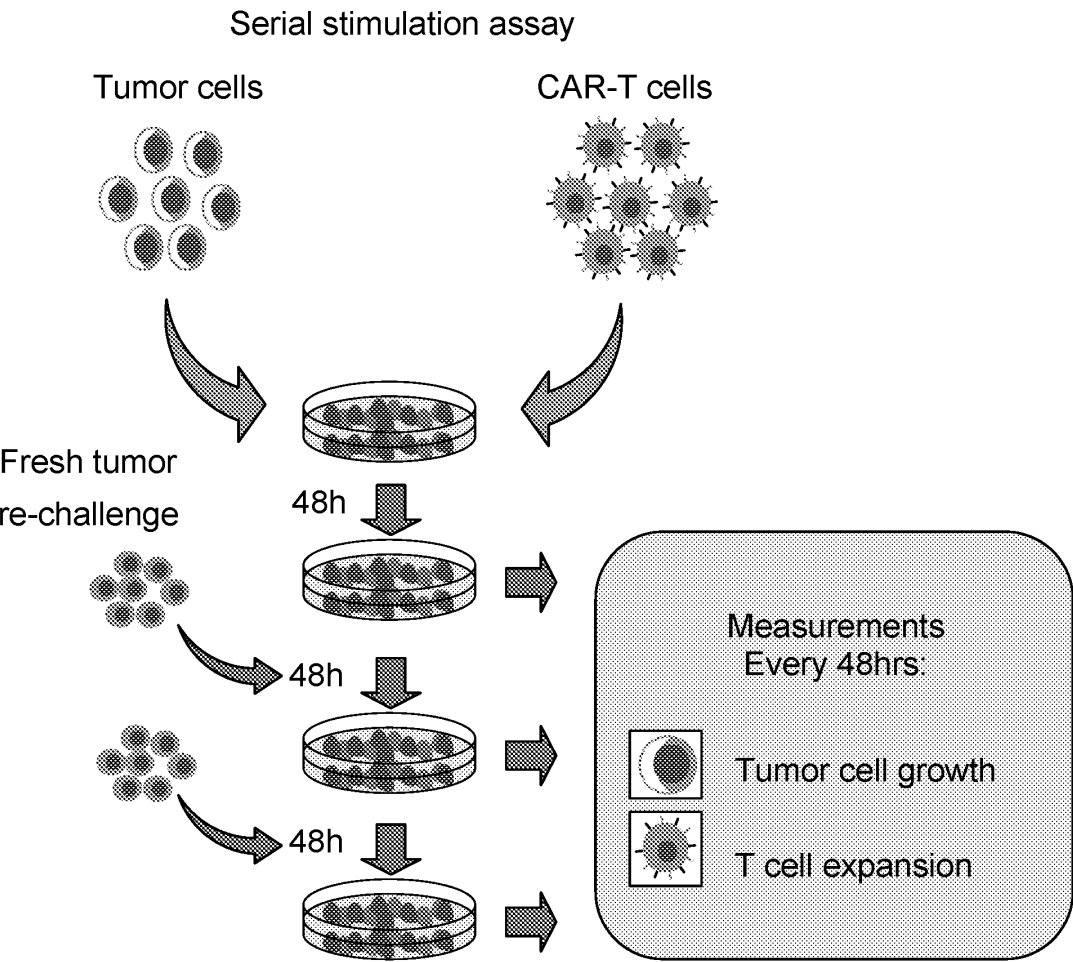


FIG. 18

- target only
- 23 NTD
- 23 20-19 1XX
- 14 NTD
- 14 20-19 1XX

5:1 (CAR<sup>+</sup>:Target)

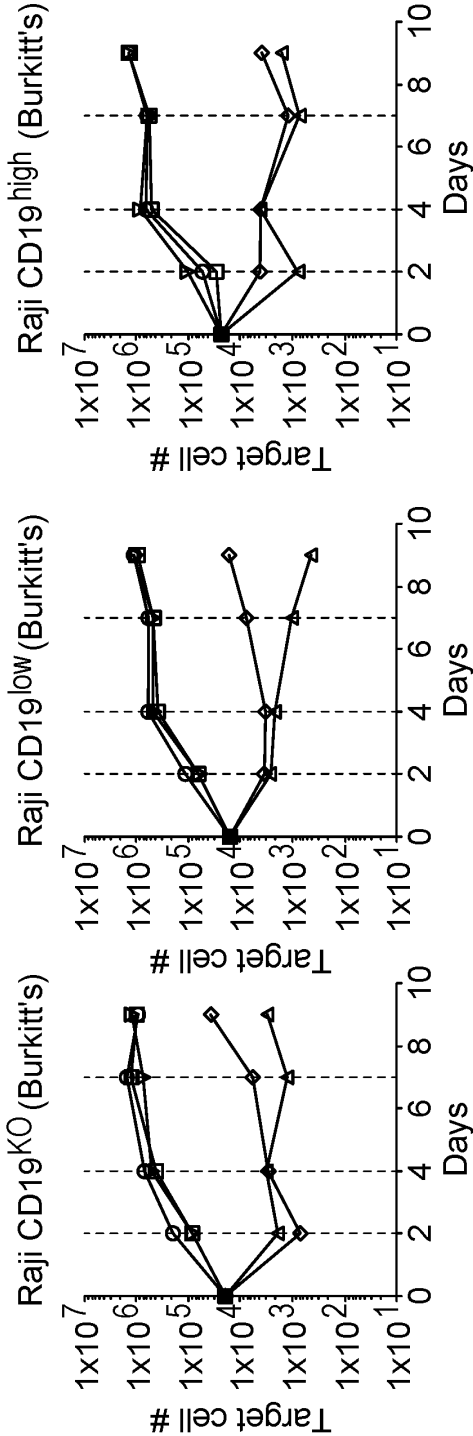


FIG. 19A

FIG. 19B

FIG. 19C

- target only
- 23 NTD
- 23 20-19 1XX
- 14 NTD
- 14 20-19 1XX

1:1 (CAR<sup>+</sup>:Target)

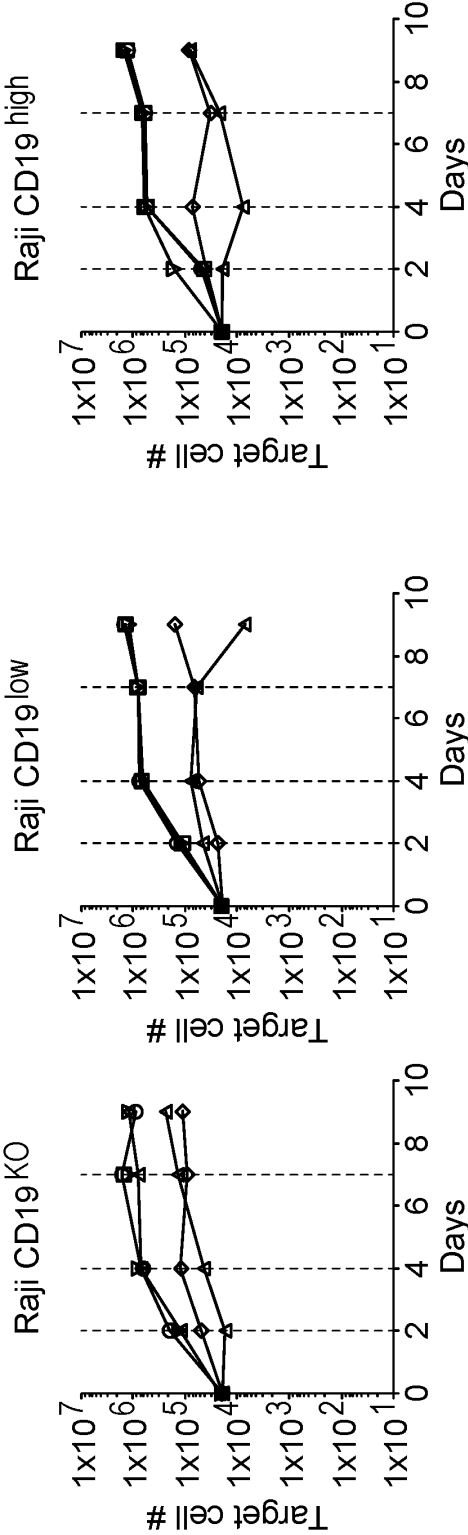


FIG. 20A

FIG. 20B

FIG. 20C

1:1 (CAR<sup>+</sup>:target)

- ⊖ target only
- ▣ 14 NTD
- ▴ 14 20-19 1XX
- ▾ 104 NTD
- ◊ 104 20-19 1XX

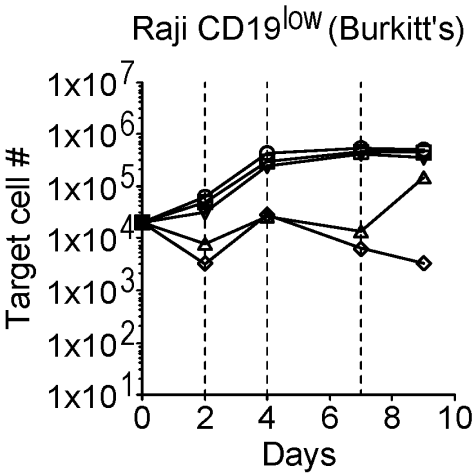


FIG. 21A

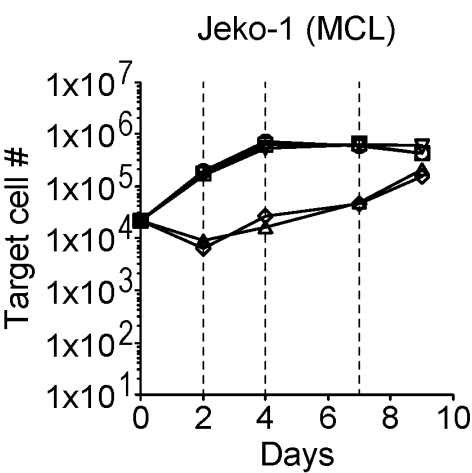


FIG. 21B

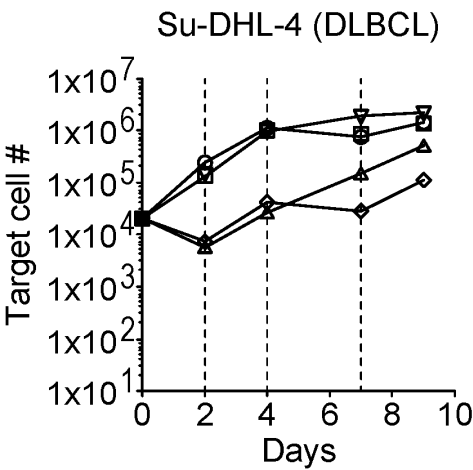


FIG. 21C

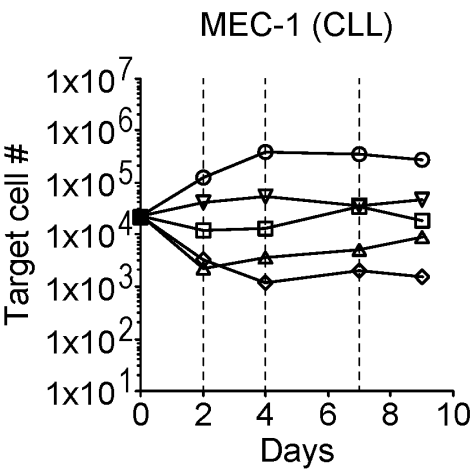


FIG. 21D

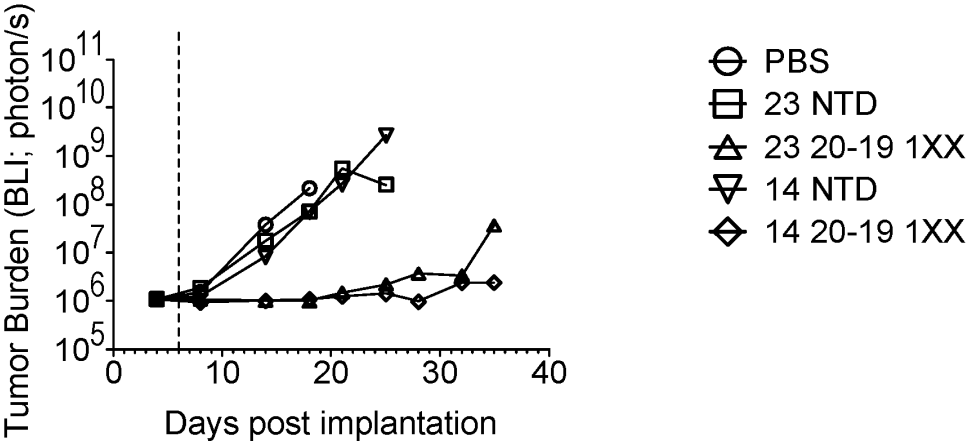


FIG. 22A

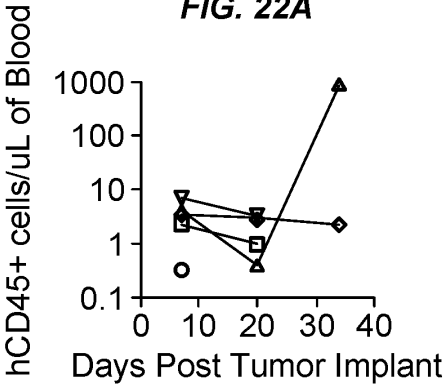


FIG. 22B

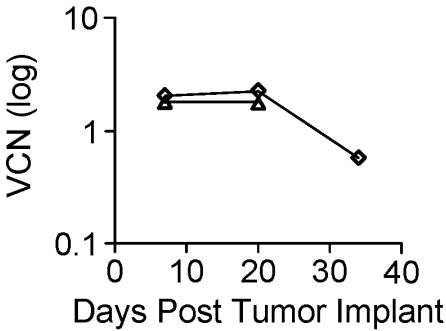


FIG. 22C

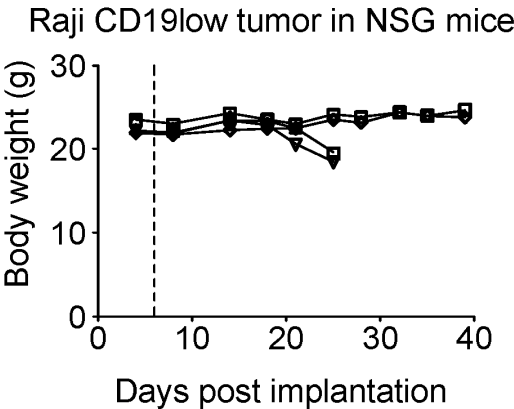


FIG. 22D

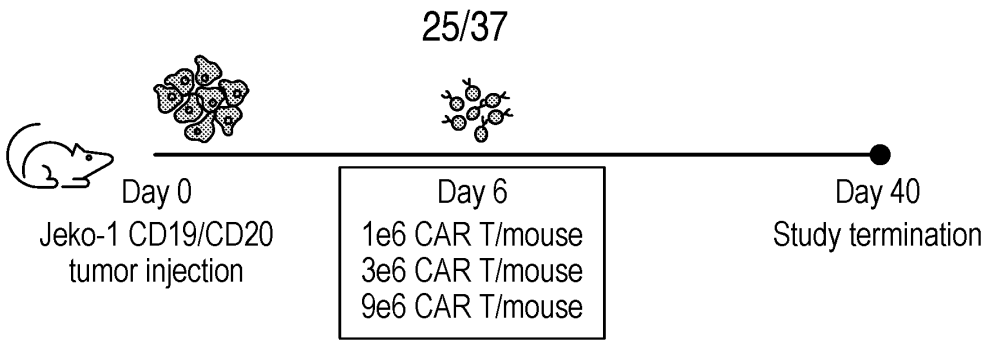


FIG. 23

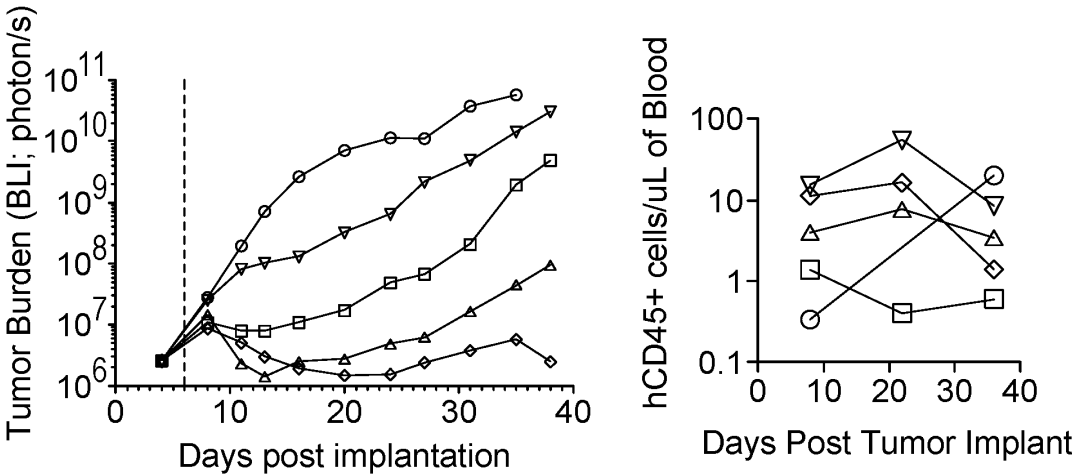


FIG. 24A

FIG. 24B

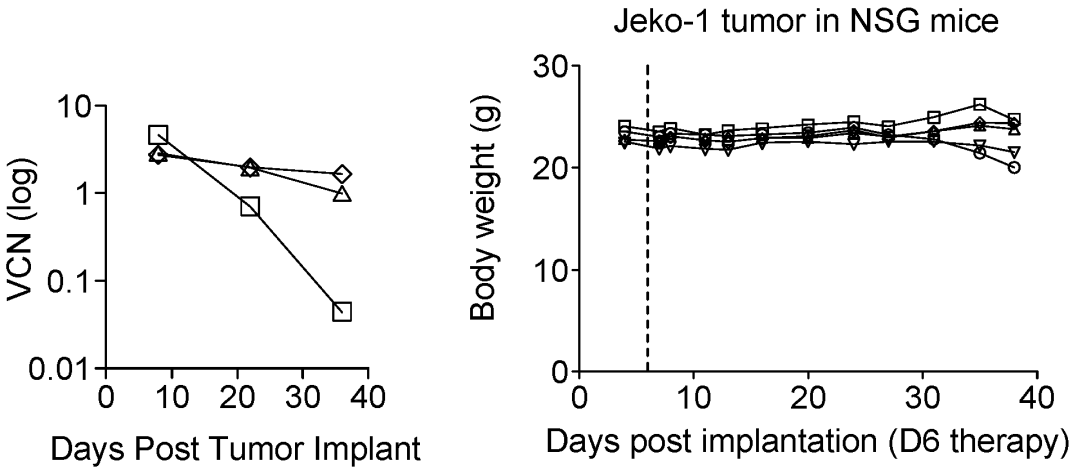
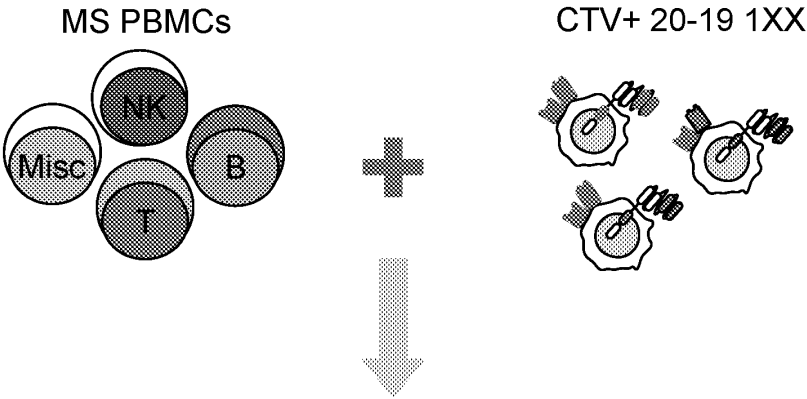
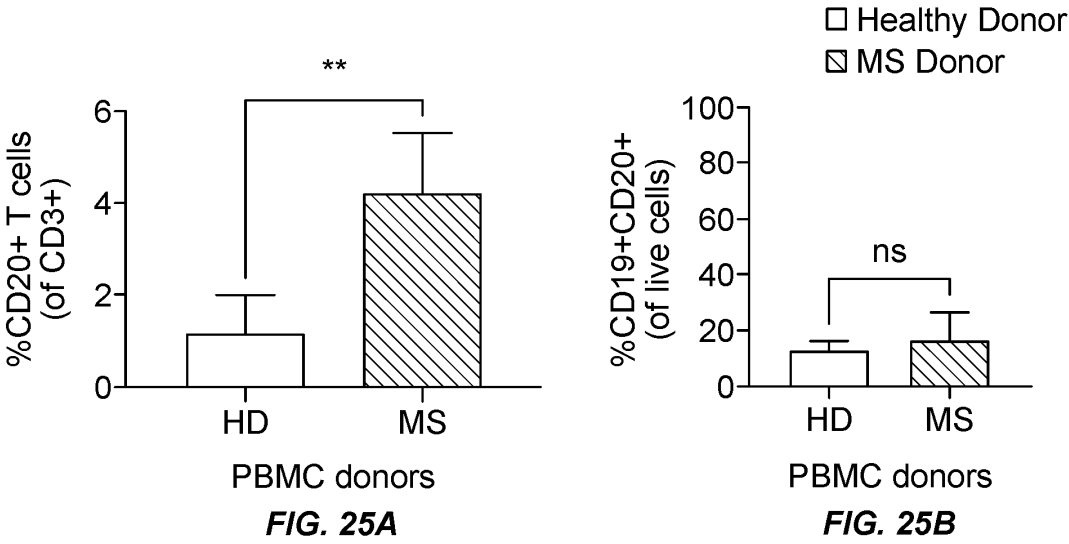


FIG. 24C

- ⊖ PBS
- 1e6 20-19 1XX
- △ 3e6 20-19 1XX
- ▽ 9e6 NTD
- ◇ 9e6 20-19 1XX

FIG. 24D



24, 48, 72 hour measurements:

- 20-19 1XX proliferation
- Ag-specific targeting
- Cytokine secretion

\*3:1 set up only measured at 24 hours

FIG. 26

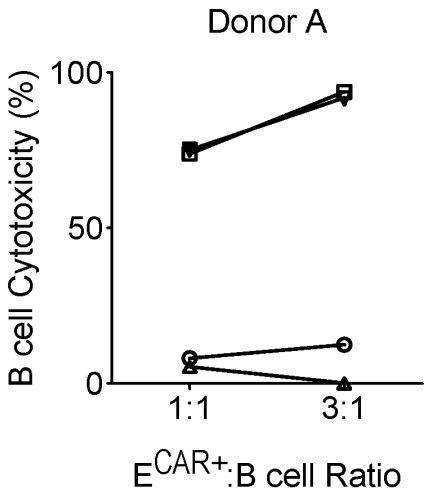


FIG. 27A

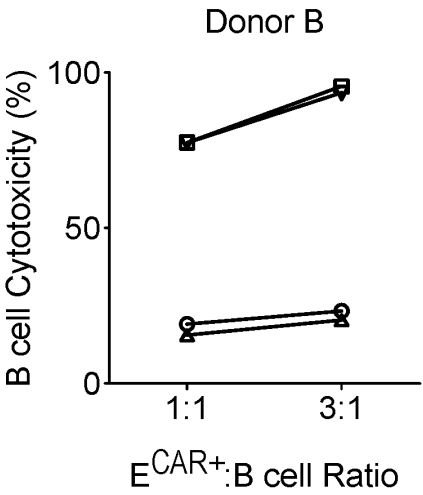


FIG. 27B

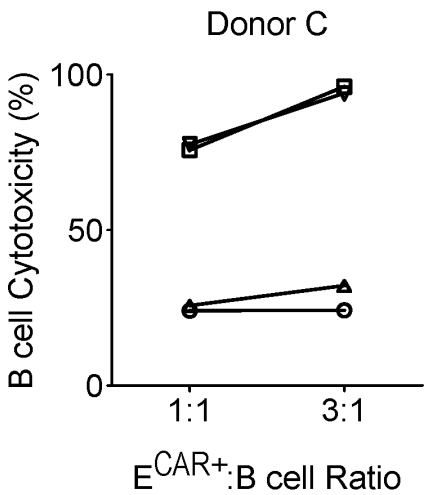
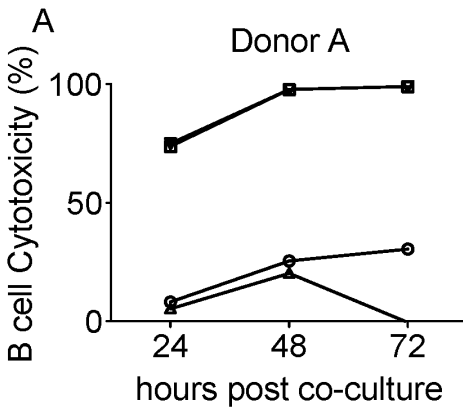


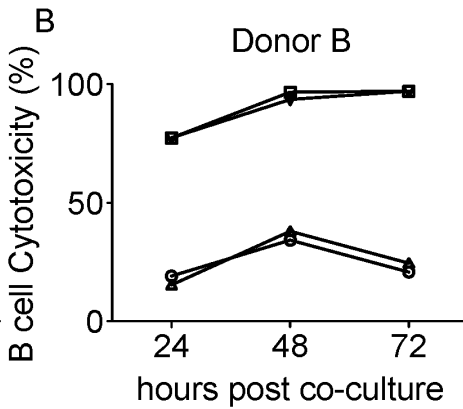
FIG. 27C

- 14 NTD
- 14 20-19 1XX
- △ 23 NTD
- ▽ 23 20-19 1XX

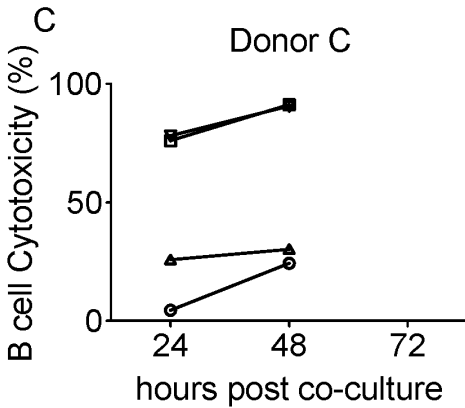
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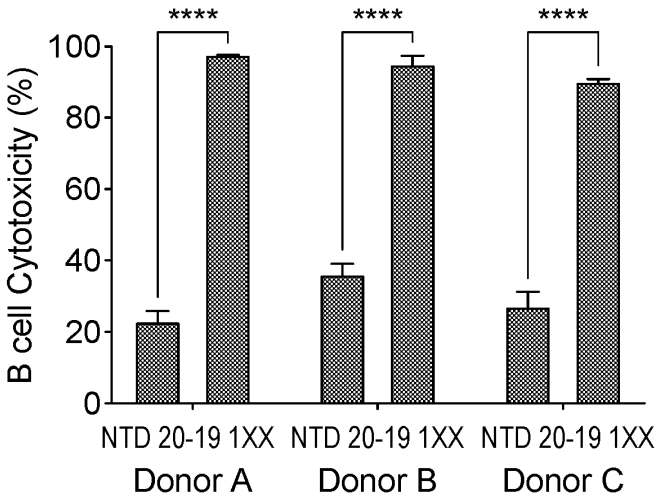
**FIG. 28A**



**FIG. 28B**



**FIG. 28C**



**FIG. 28D**

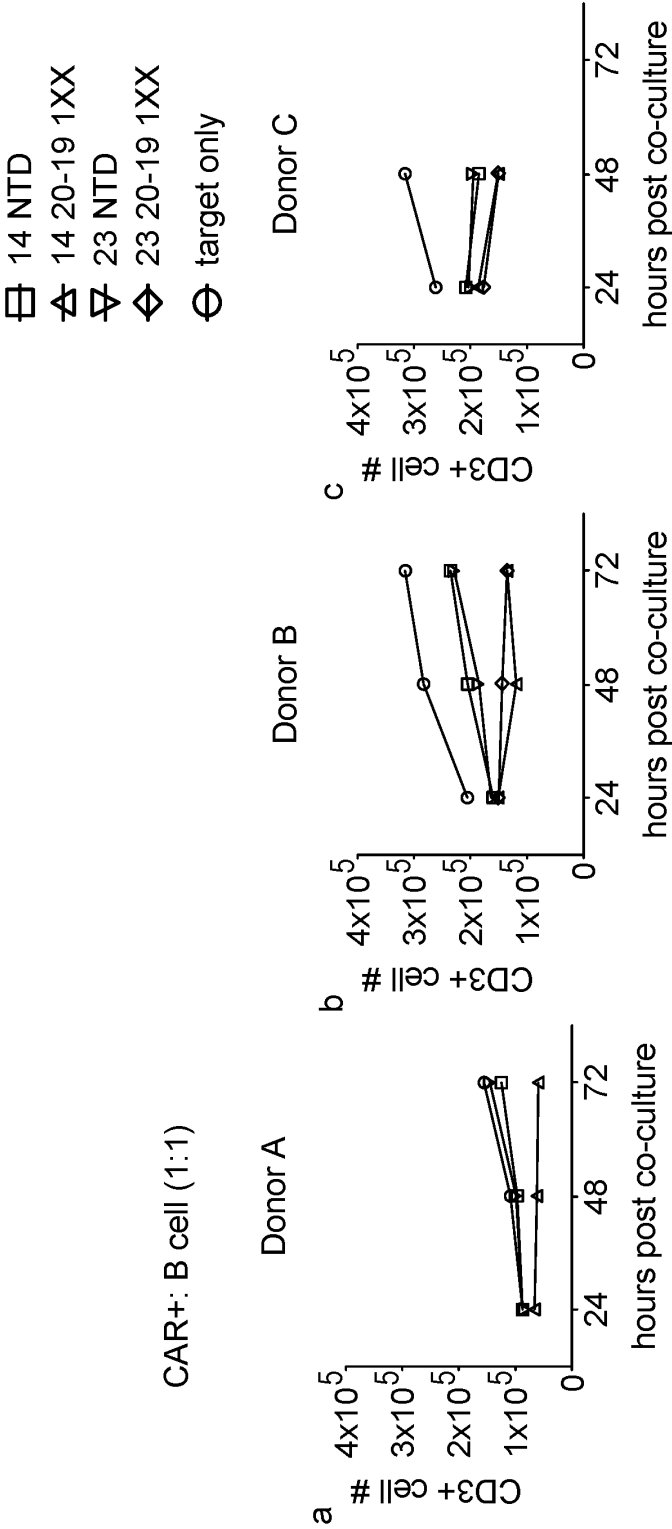


FIG. 29A

FIG. 29B

FIG. 29C

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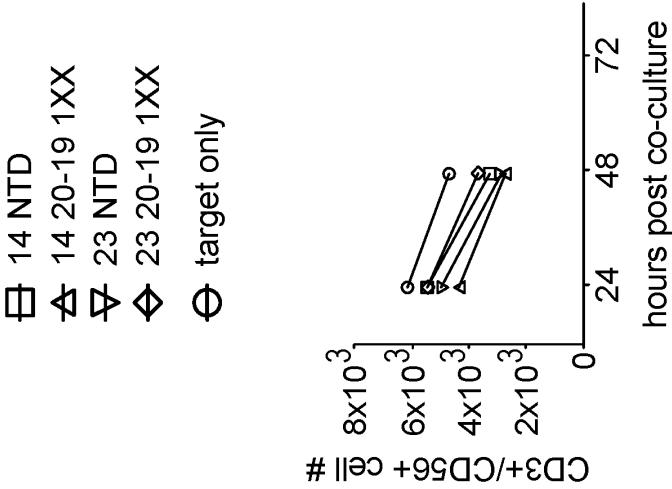


FIG. 29F

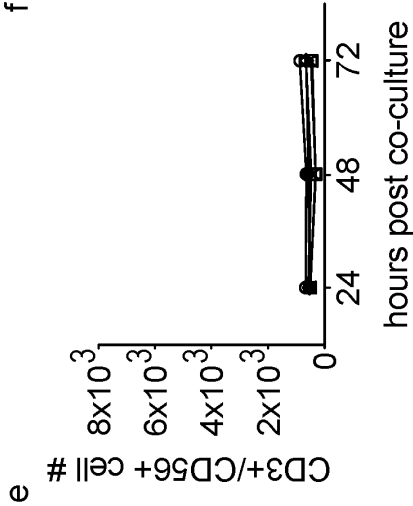


FIG. 29E

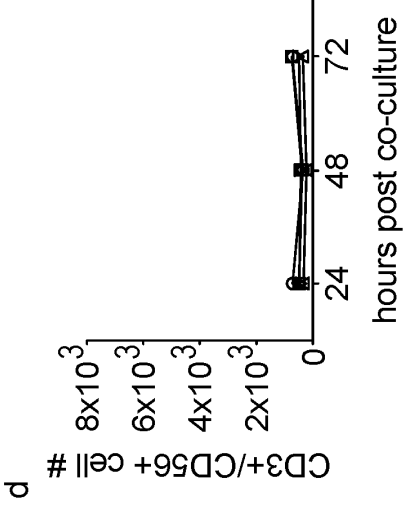
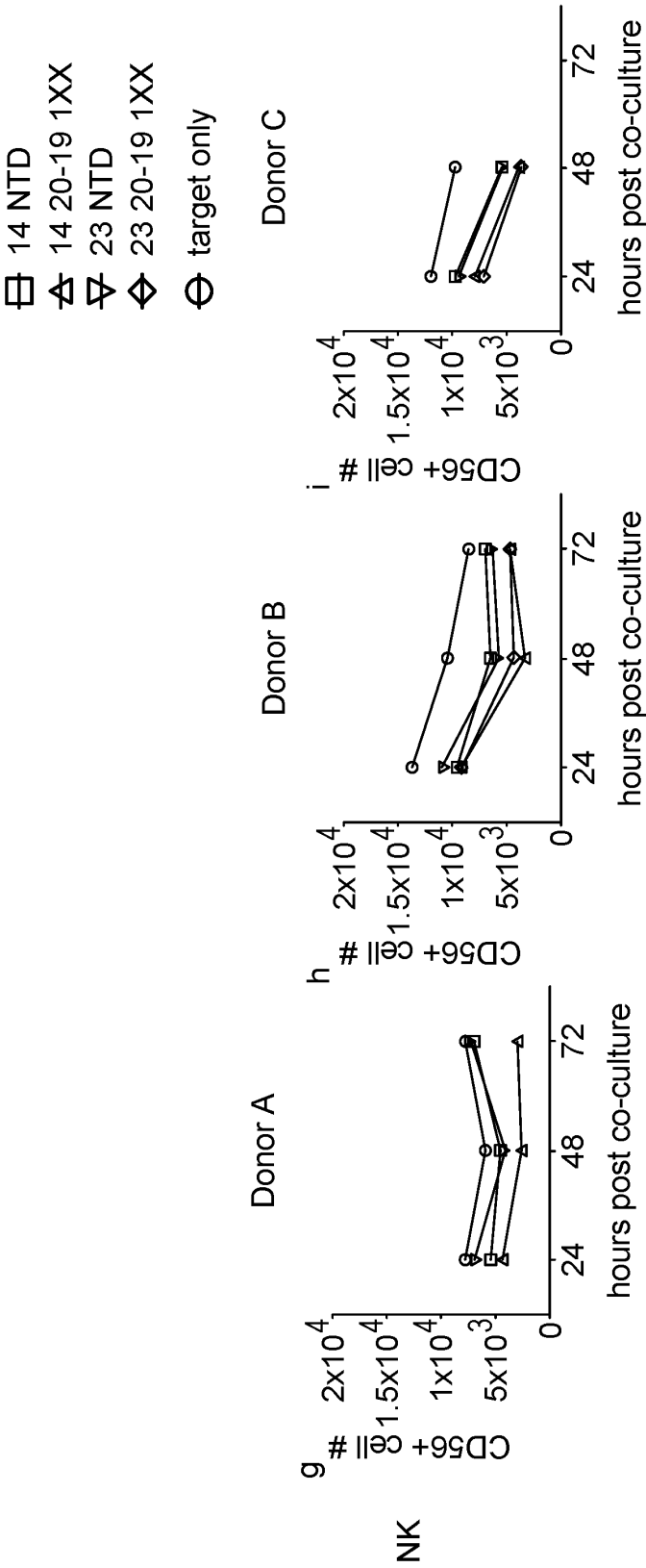
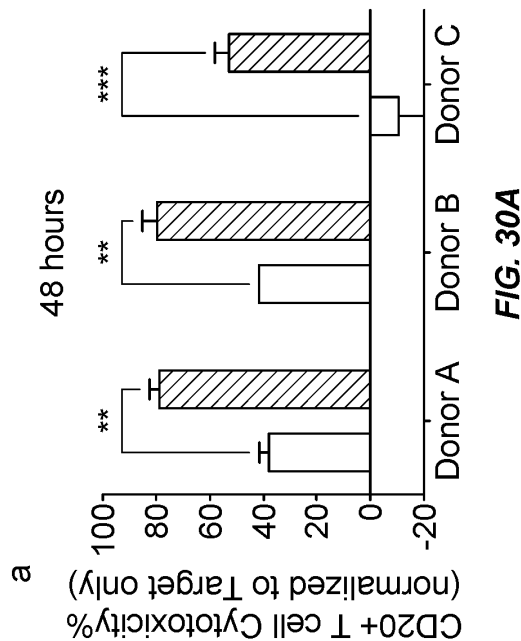
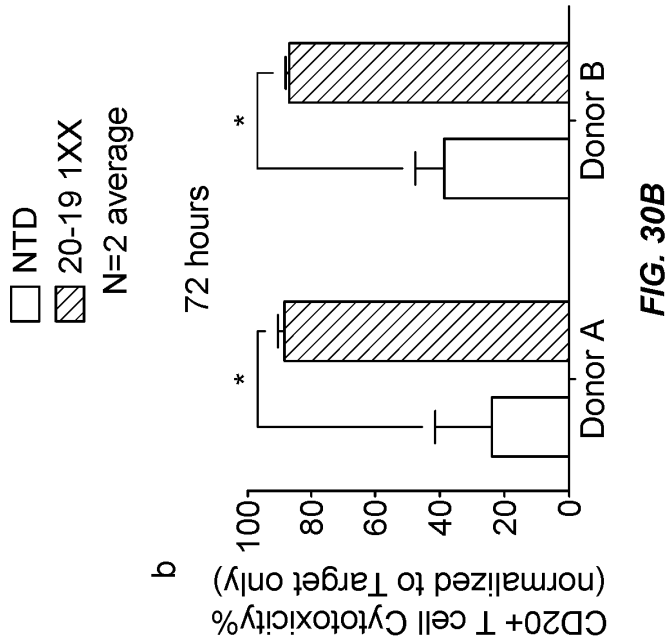


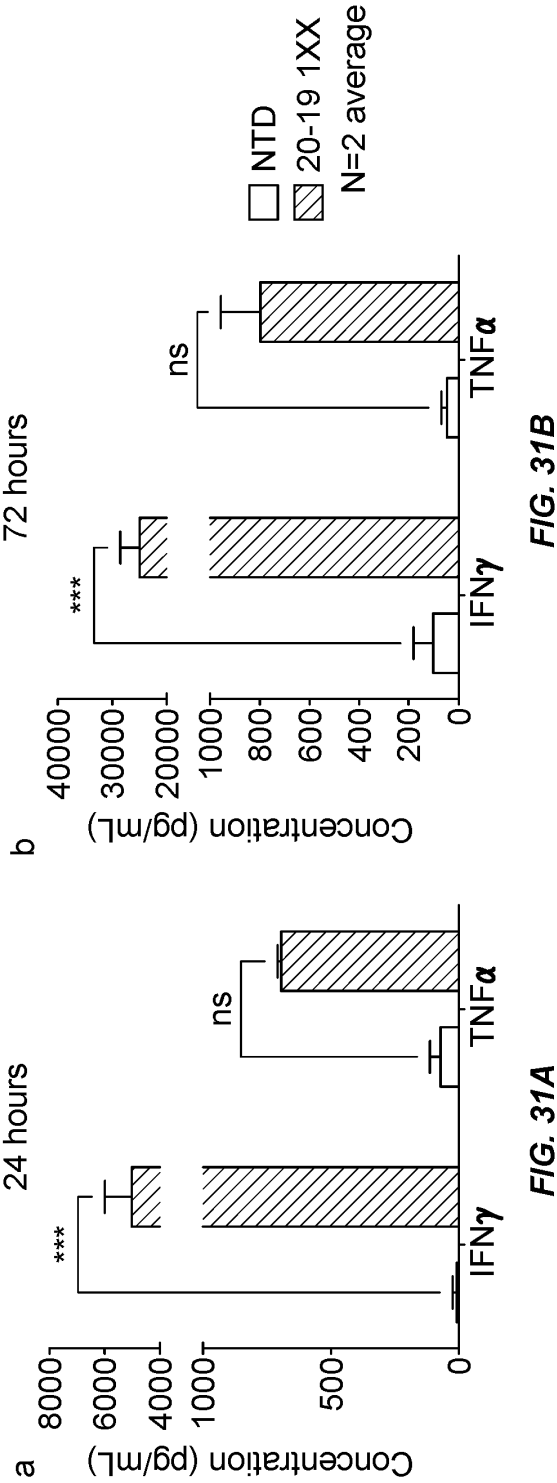
FIG. 29D

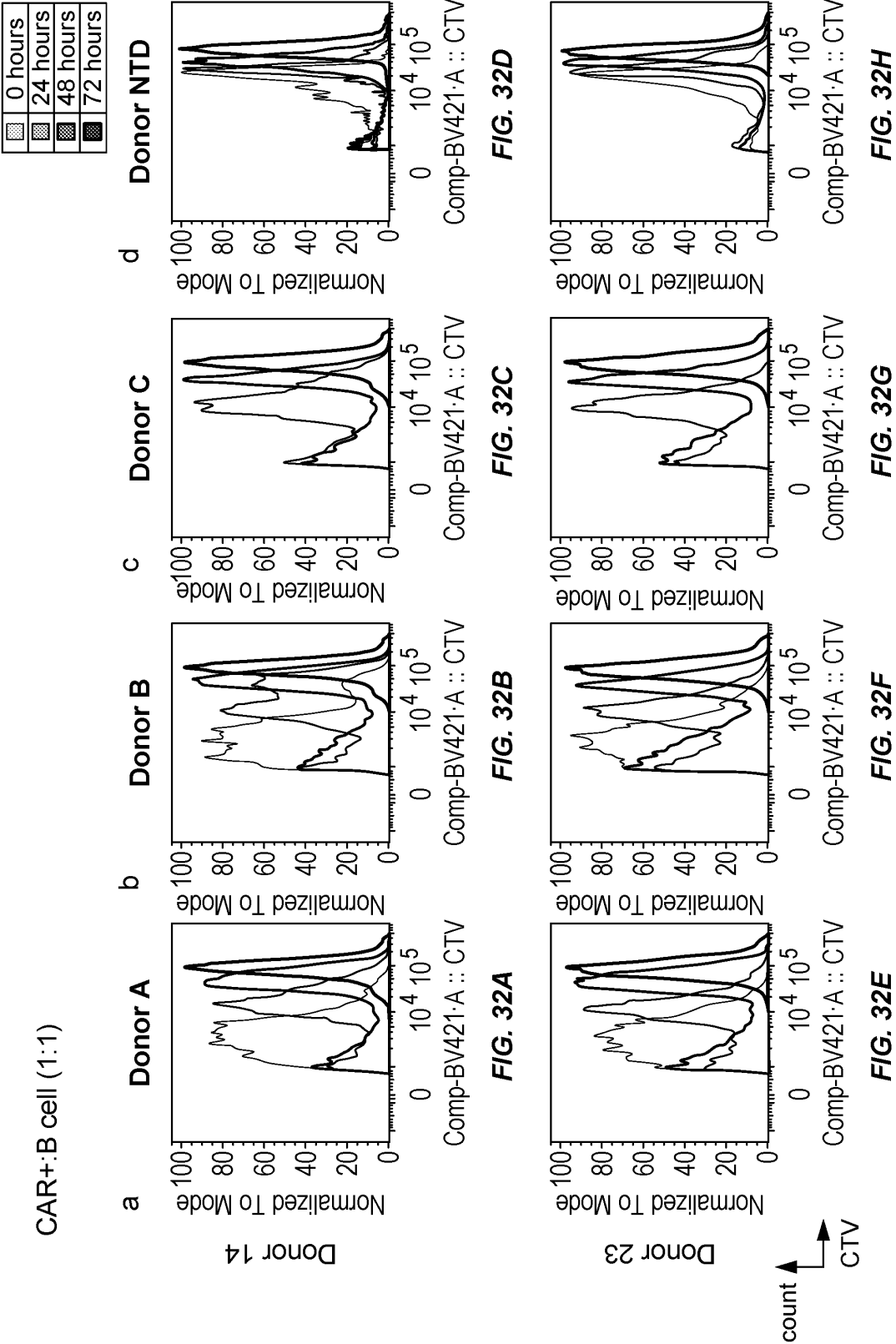
CAR+: B cell (1:1)

NKT









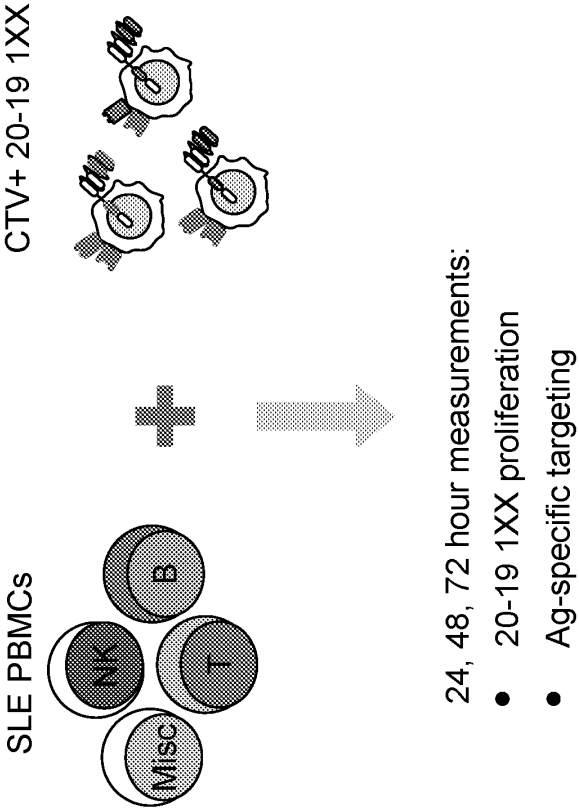


FIG. 33

