

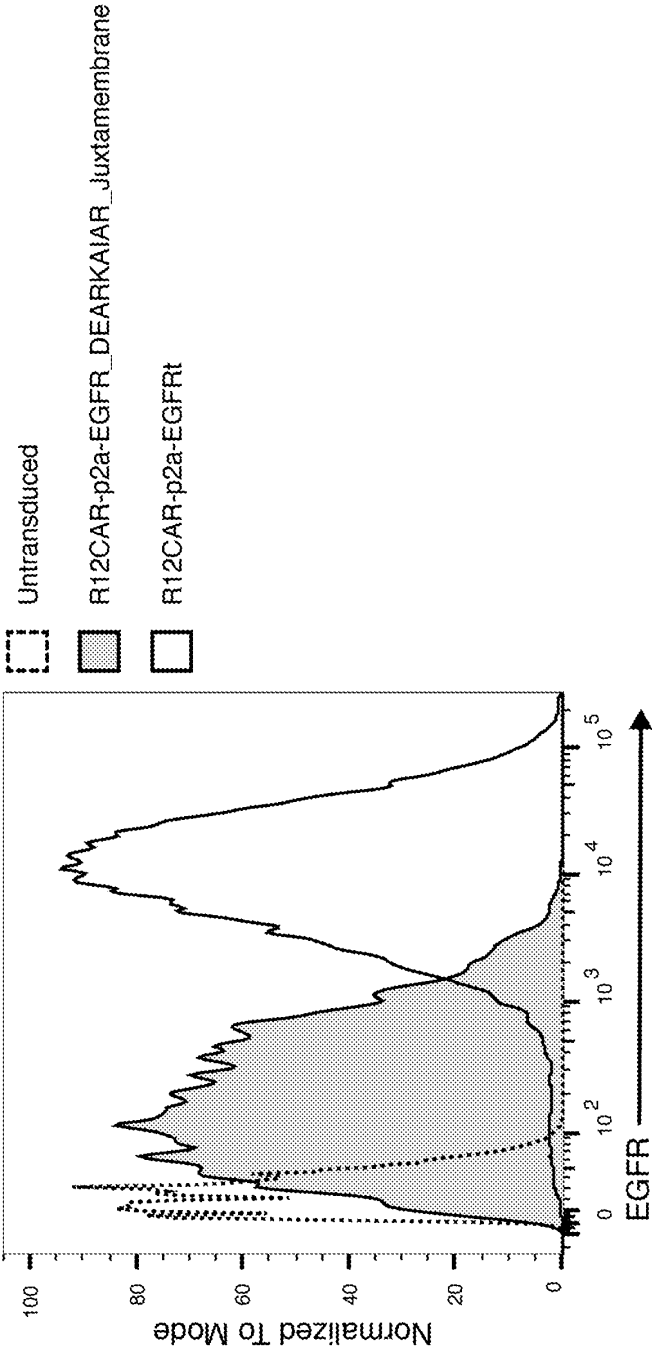


FIG. 1A

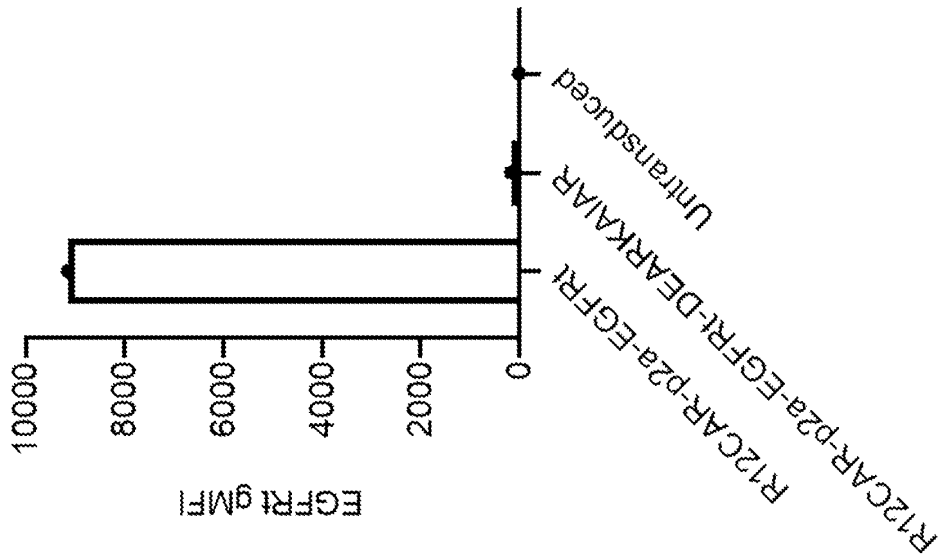


FIG. 1B

Native EGFR with sequences of transmembrane and juxtamembrane domains
[S.peptide][Extracellular][Transmembrane 646-668] [Juxtamembrane 669-703] [Kinase Domain]
(1-24) (25-645) IATGMVGALLLLVVALGIGLFM RRRHIVRKRTLRLLQERELVEPLTPSGEAPNQAL (704-1210)
+++ +++ ++ +- -

FIG. 2A

Truncated EGFR test constructs with juxtamembrane domains

[S.peptide]	[Extracellular]	[Transmembrane]	[Juxtamembrane]
GMCSF	Domain III-IV	IATGMVGALLLLVVALGIGLFM *	
GMCSF	Domain III-IV	IATGMVGALLLLVVALGIGLFM RRR*	
GMCSF	Domain III-IV	IATGMVGALLLLVVALGIGLFM RRRHIVRK*	
GMCSF	Domain III-IV	IATGMVGALLLLVVALGIGLFM RRRSGGSGGSGS*	
GMCSF	Domain III-IV	IATGMVGALLLLVVALGIGLFM SGGGSGGSGS*	

FIG. 2B

MND promoter	R12 CAR	P2A	Truncated EGFR
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FIG. 3A

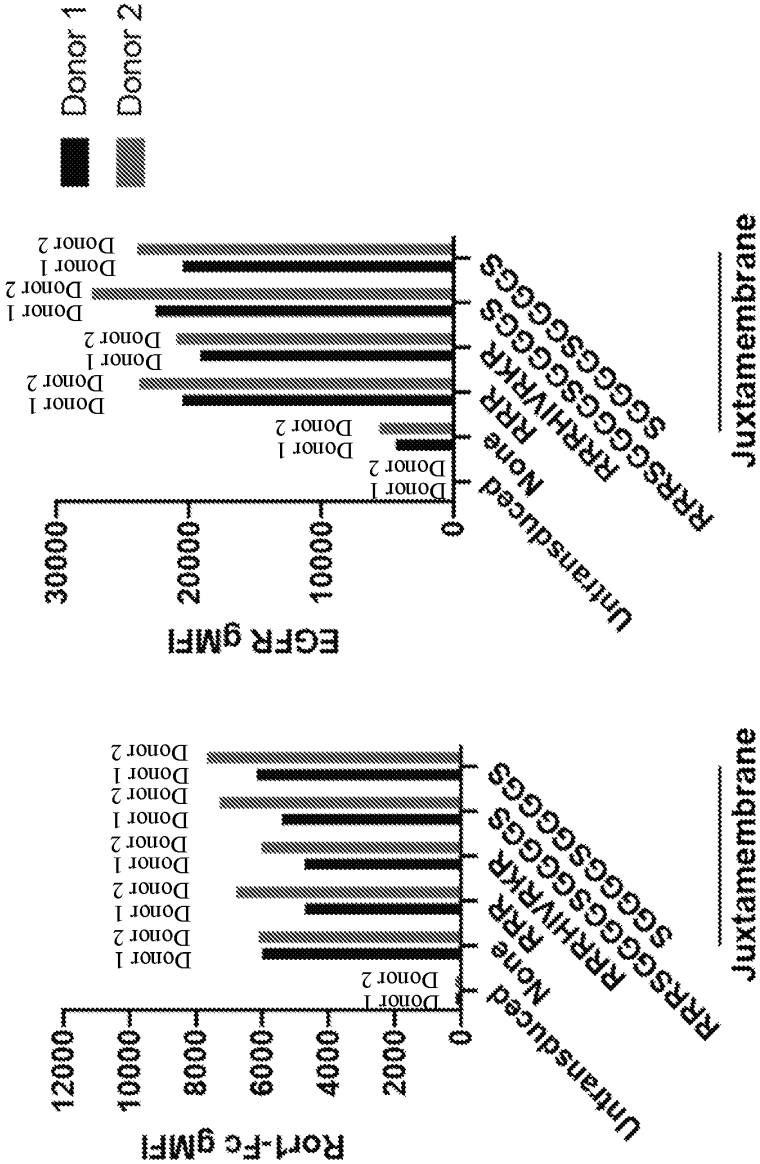


FIG. 3C

FIG. 3B

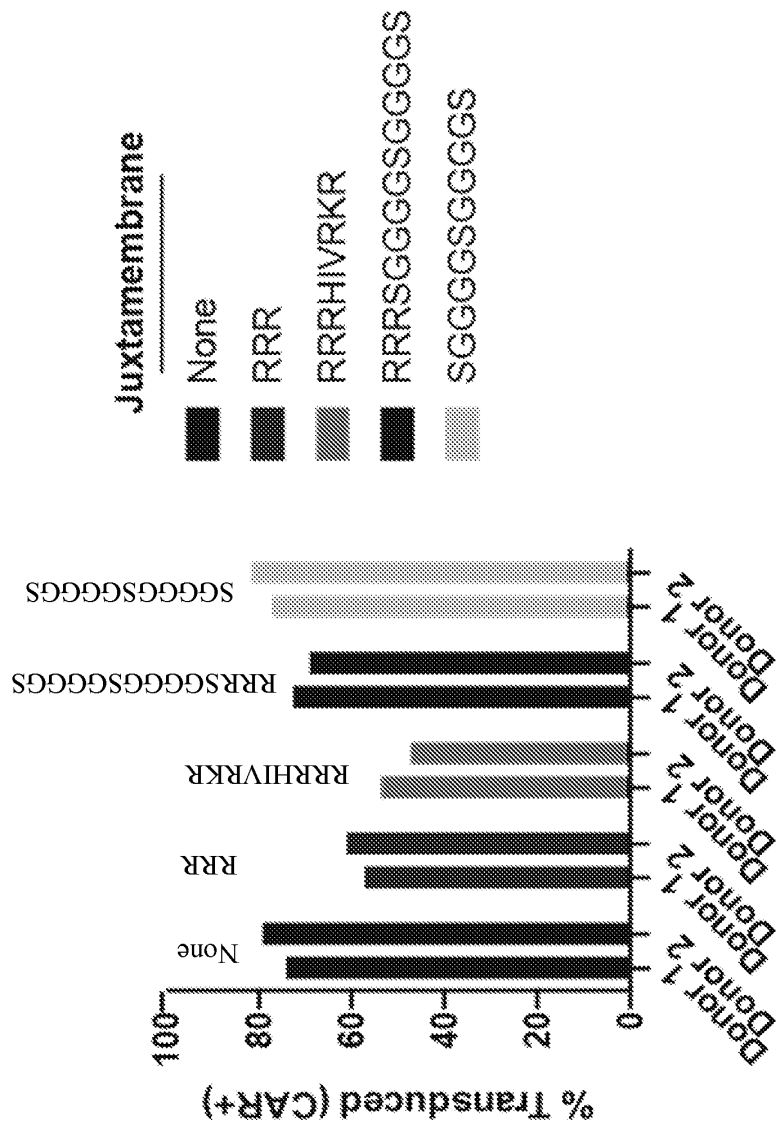
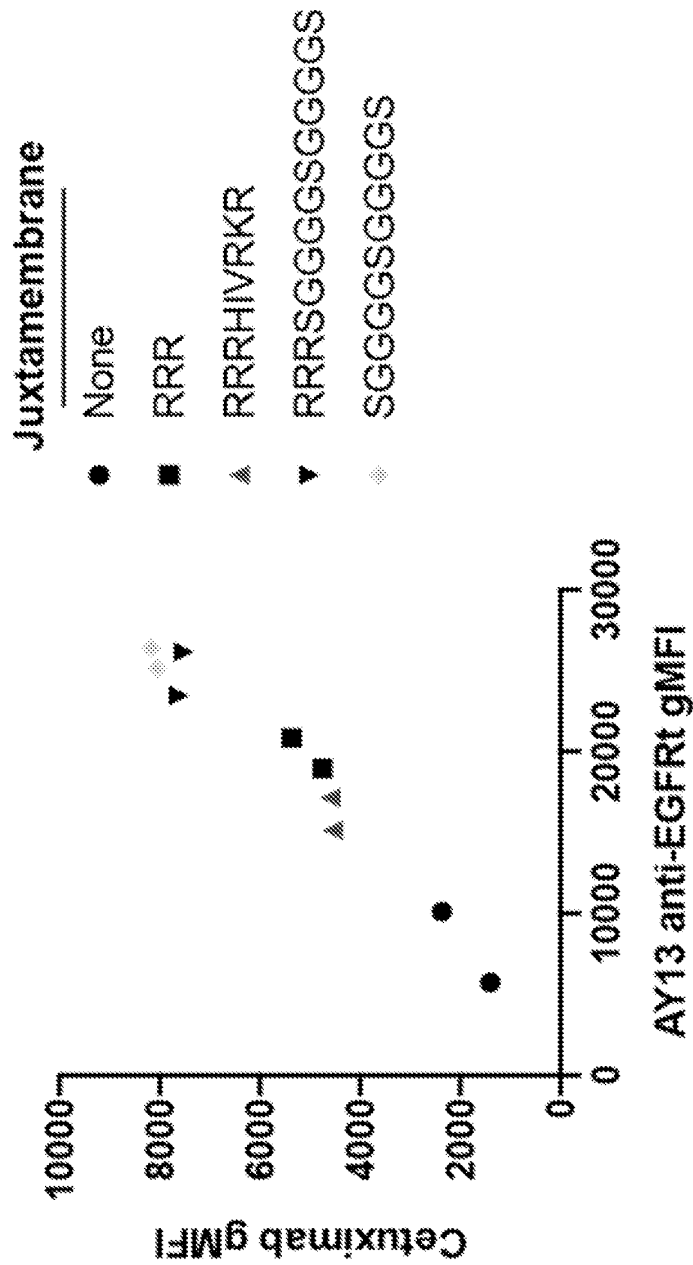


FIG. 4A



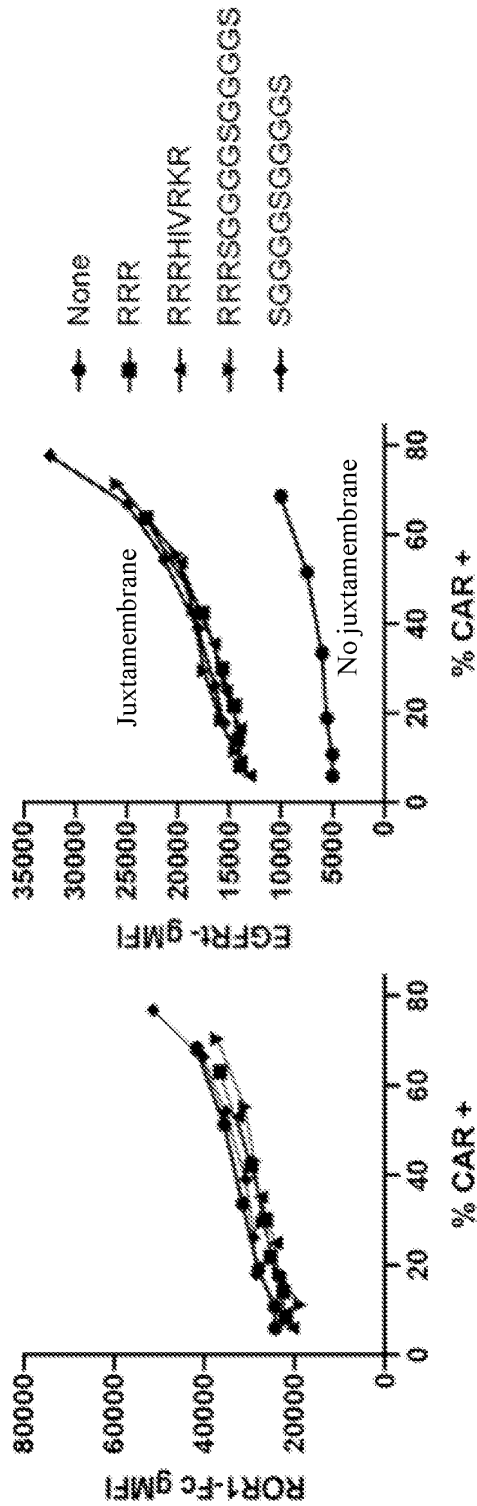


FIG. 5A

FIG. 5B

MND promoter	c-Jun	P2A	R12 CAR	P2A	Truncated EGFR
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FIG. 6A

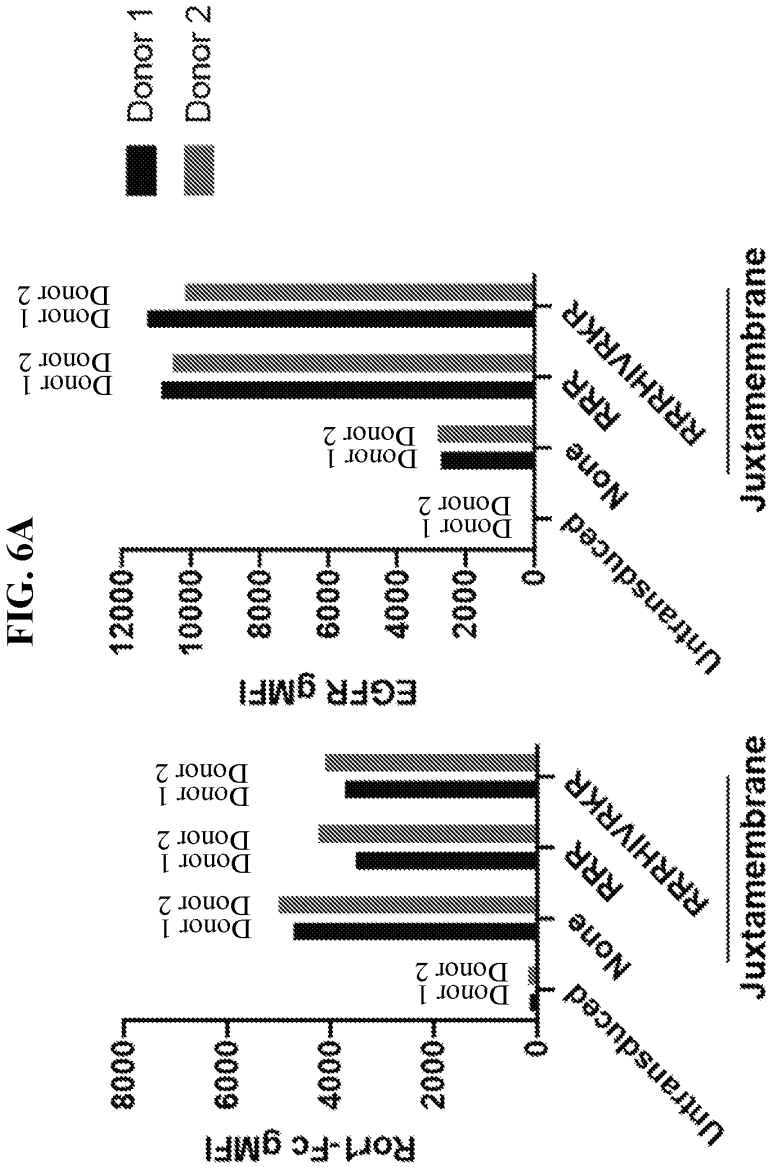


FIG. 6B

FIG. 6C

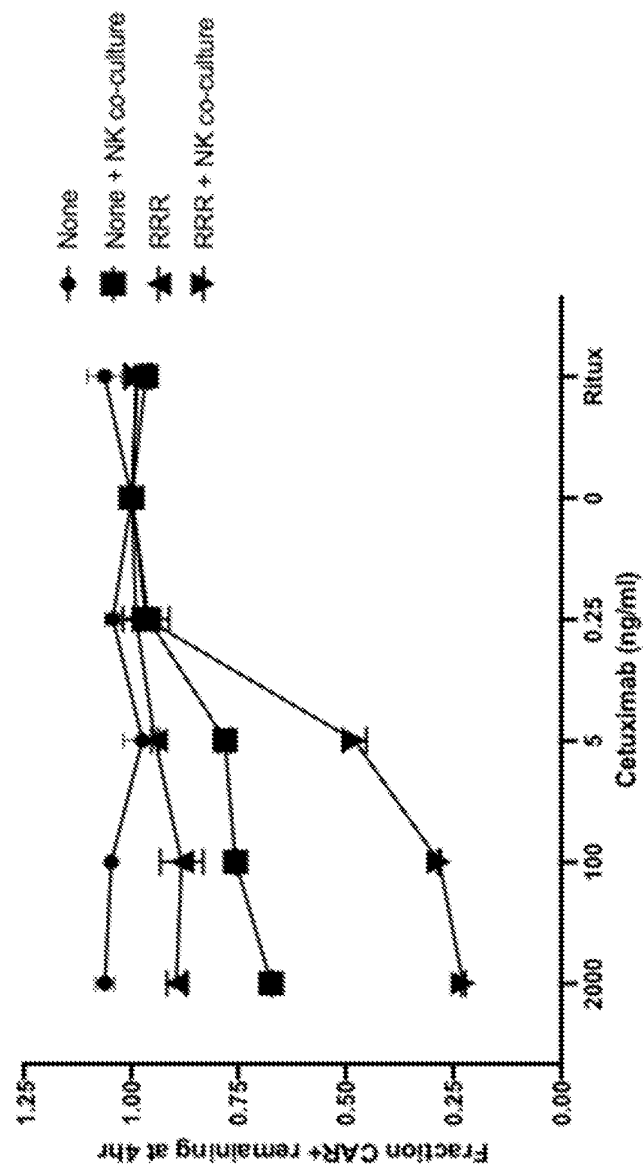


FIG. 7

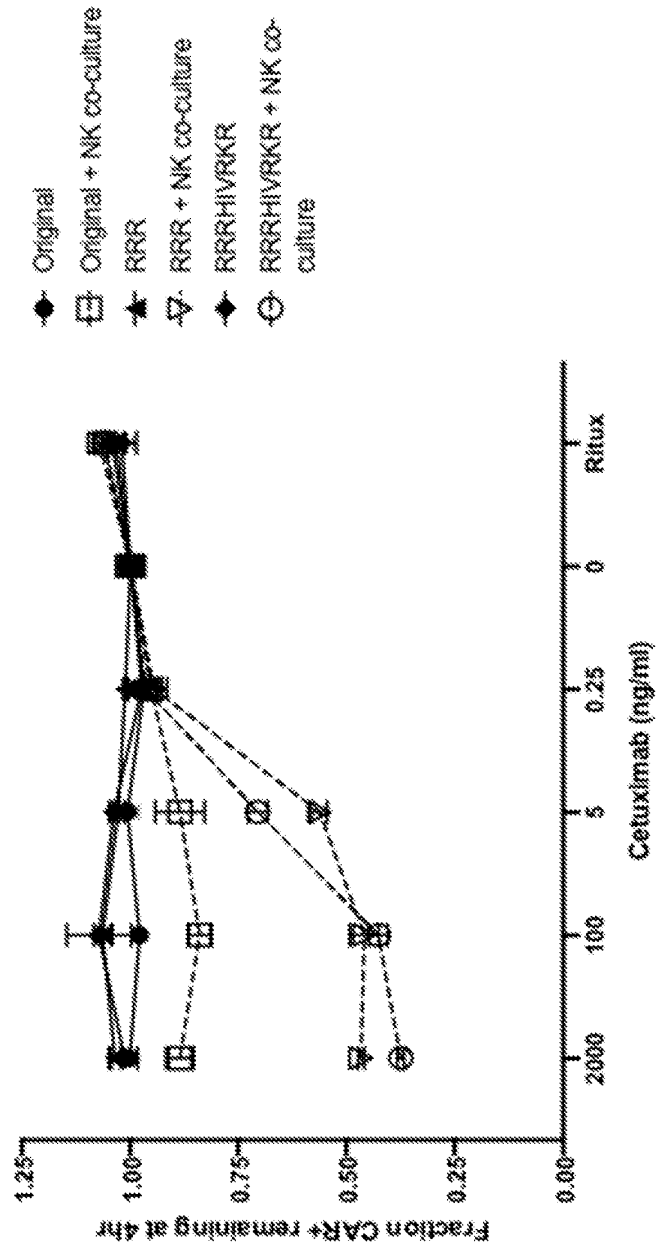


FIG. 8

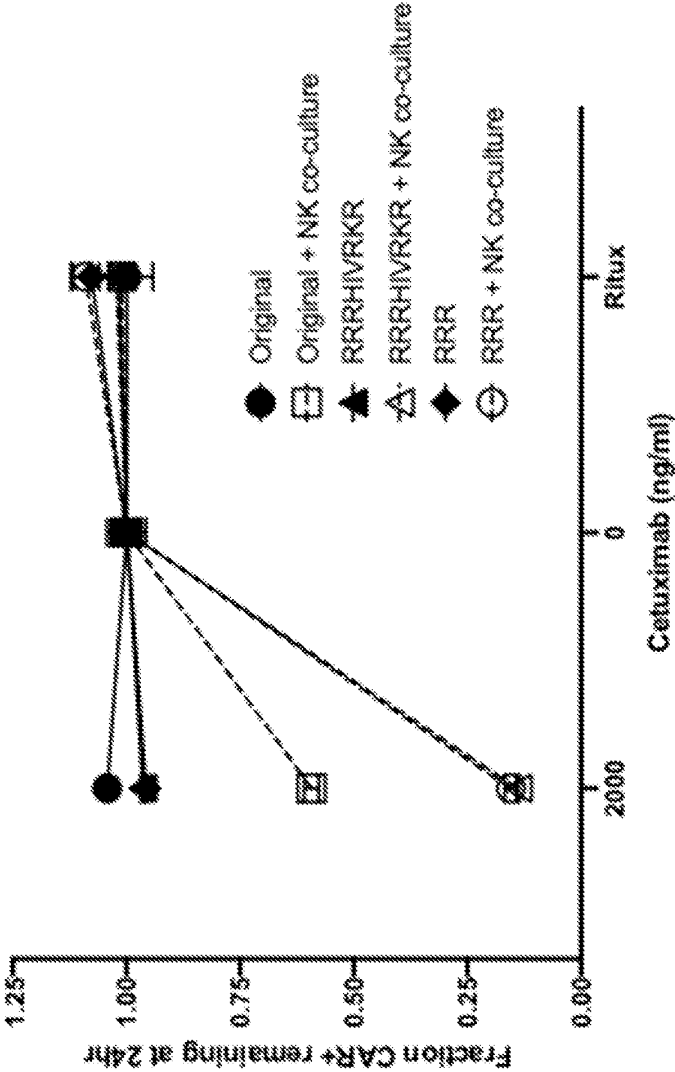


FIG. 9

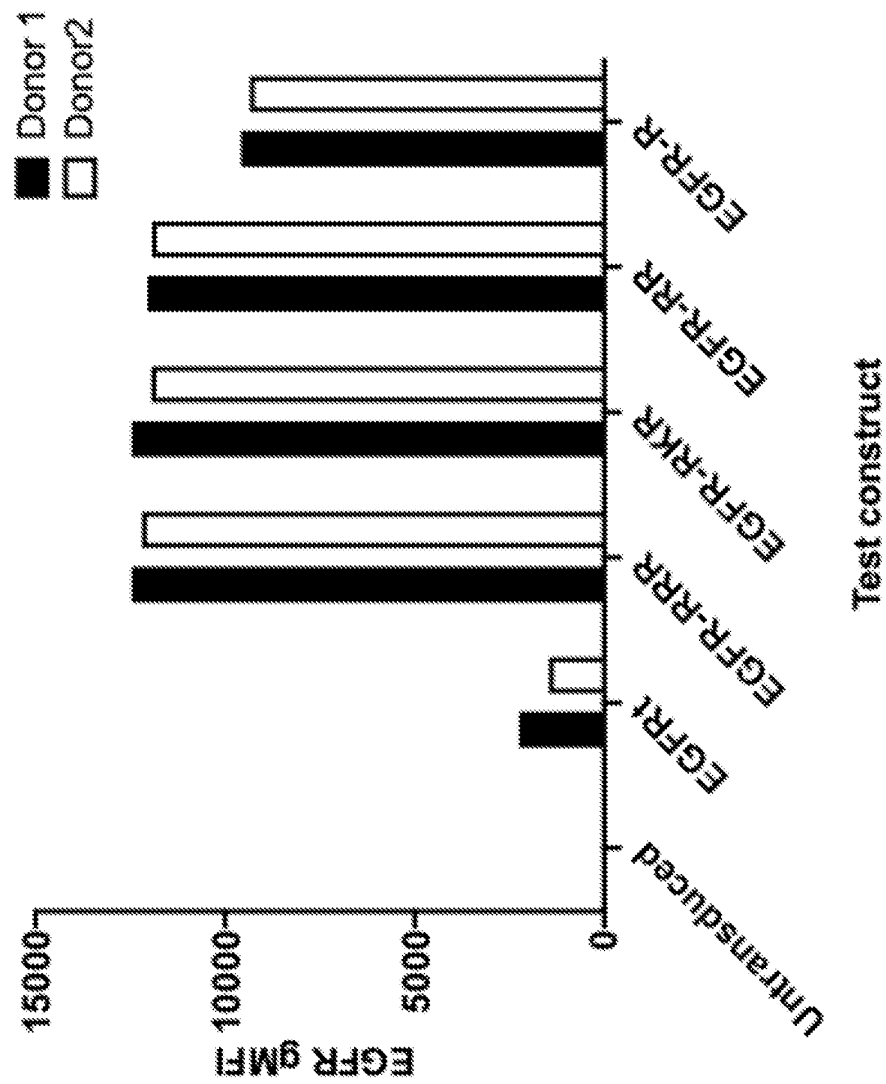
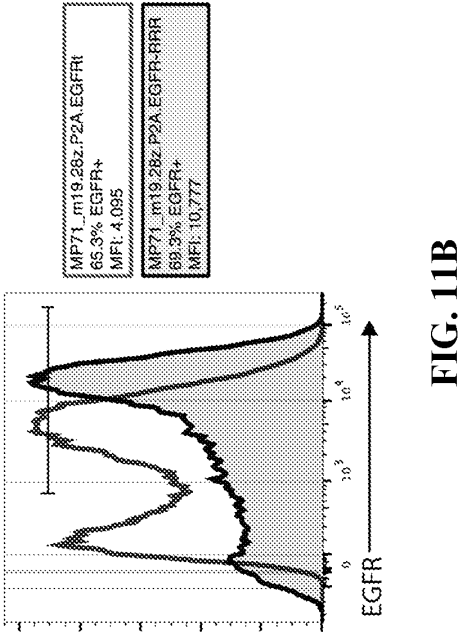
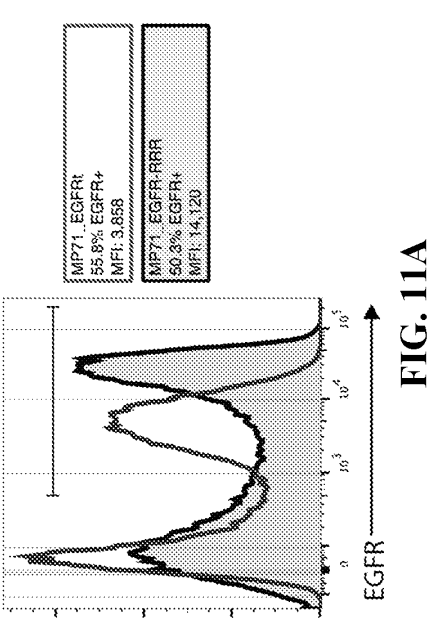
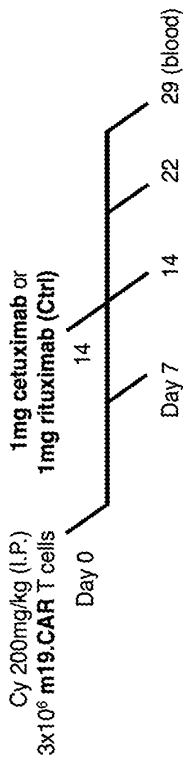


FIG. 10





Group	#	T cell	Plasmid
A BiEGFRt	6F	CD8	MP71_m19.28z.P2A.EGFRt
B BiEGFR-RRR	6F	CD8	MP71_m19.28z.P2A.EGFR-RRR
C TriEGFRt	8F	CD8	MP71_cJun.T2A.m19.28z.P2A.EGFRt
D TriEGFR-RRR	8F	CD8	MP71_cJun.T2A.m19.28z.P2A.EGFR-RRR

Day 0 infusion product

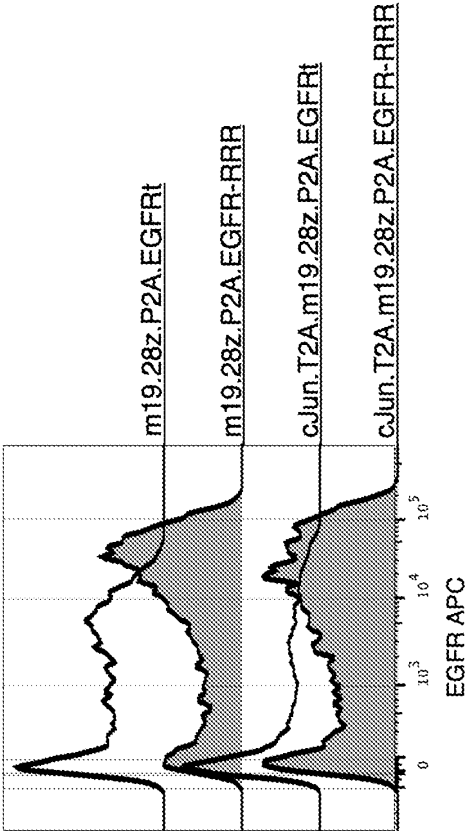


FIG. 12A

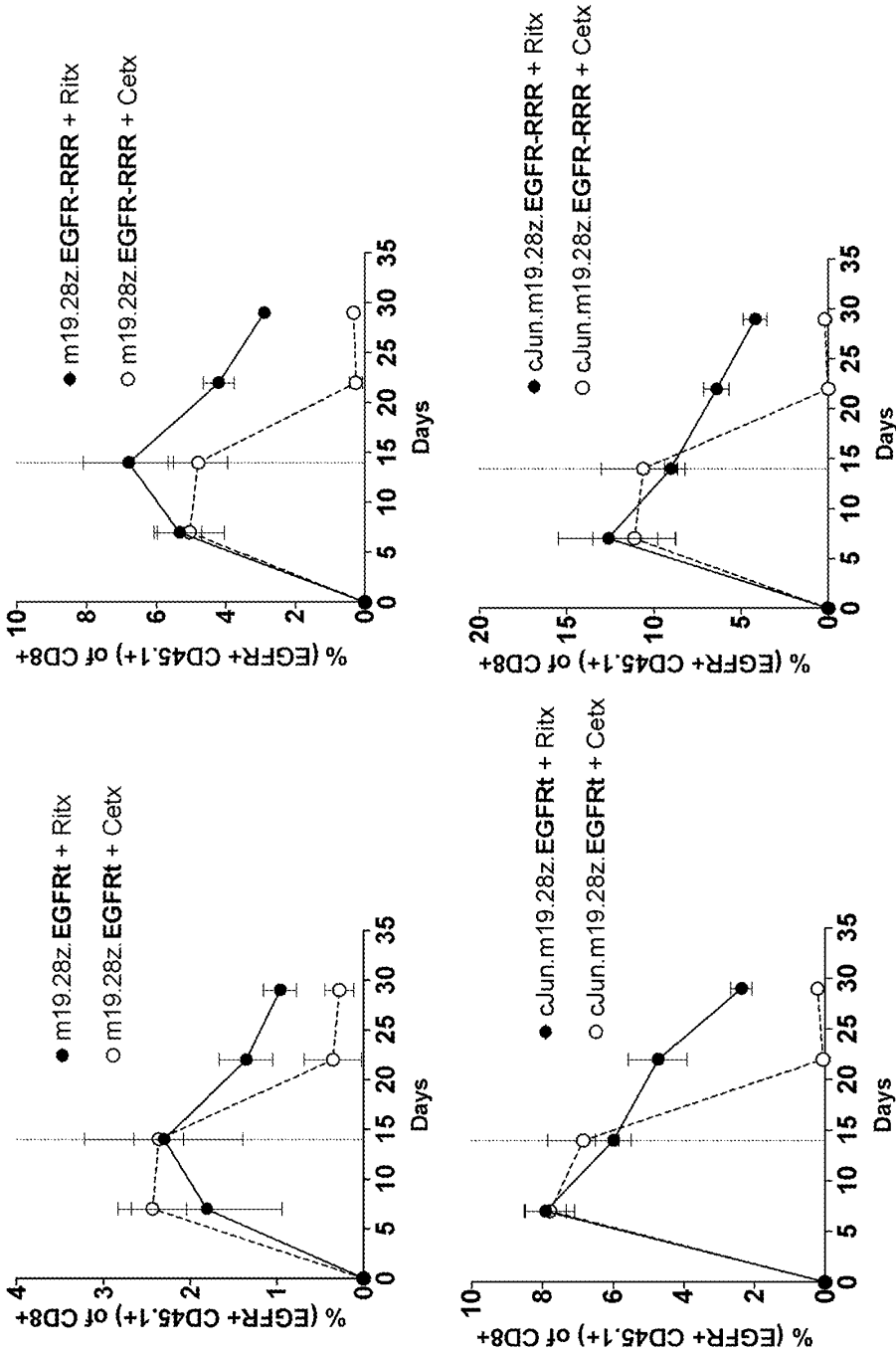
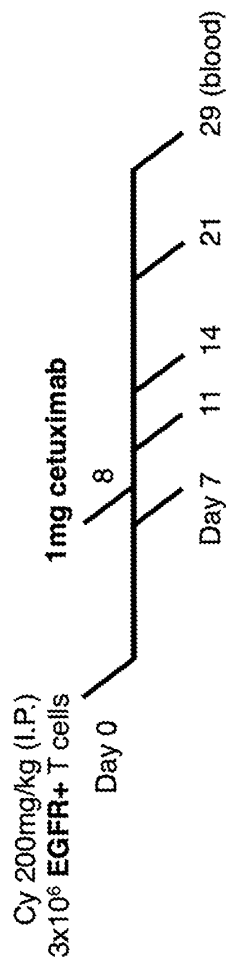


FIG. 12B



Group	#	T cell	Plasmid
A EGFRt	8F	CD8	MP71_EGFRt
B EGFR-RRR	8F	CD8	MP71_EGFR-RRR

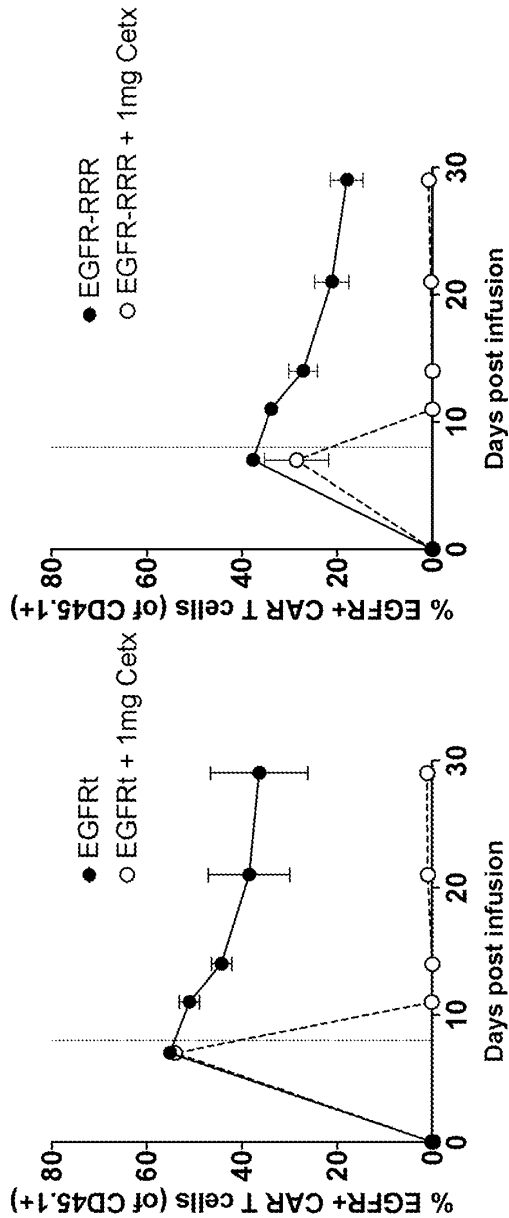


FIG. 12C

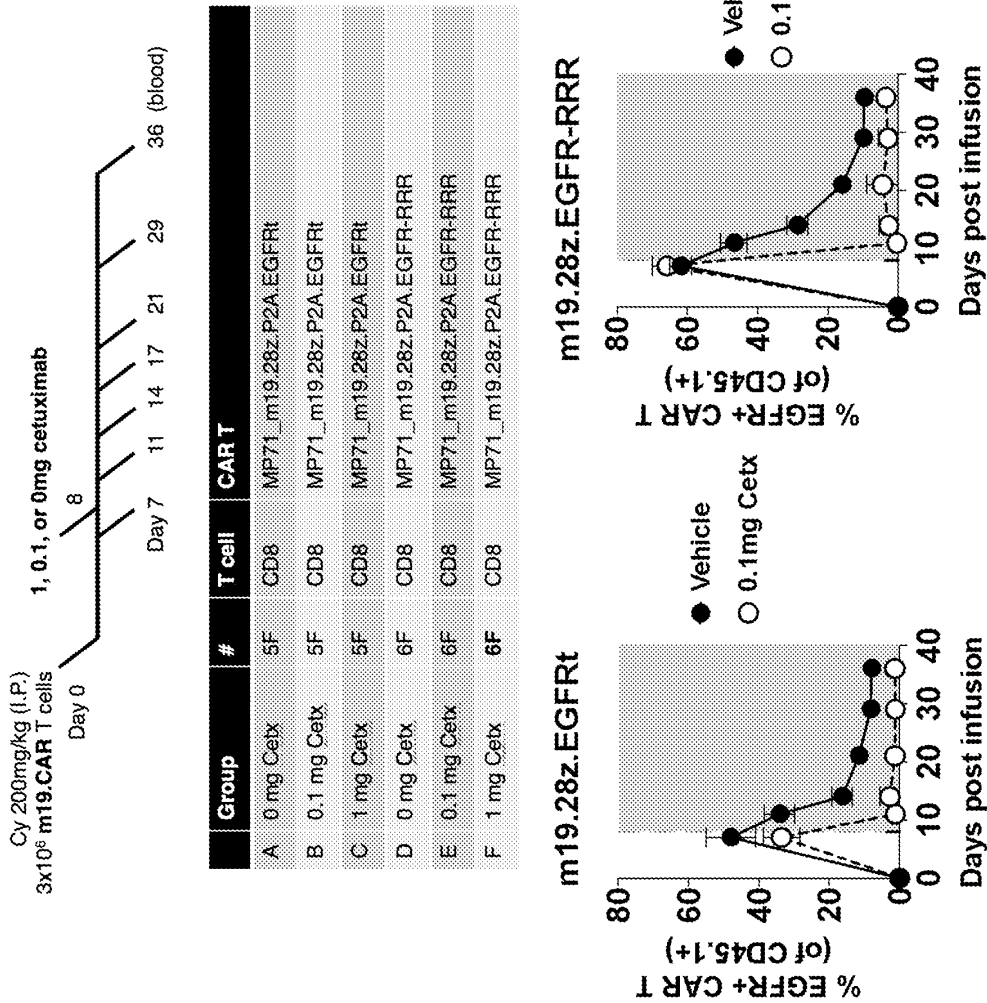


FIG. 13A

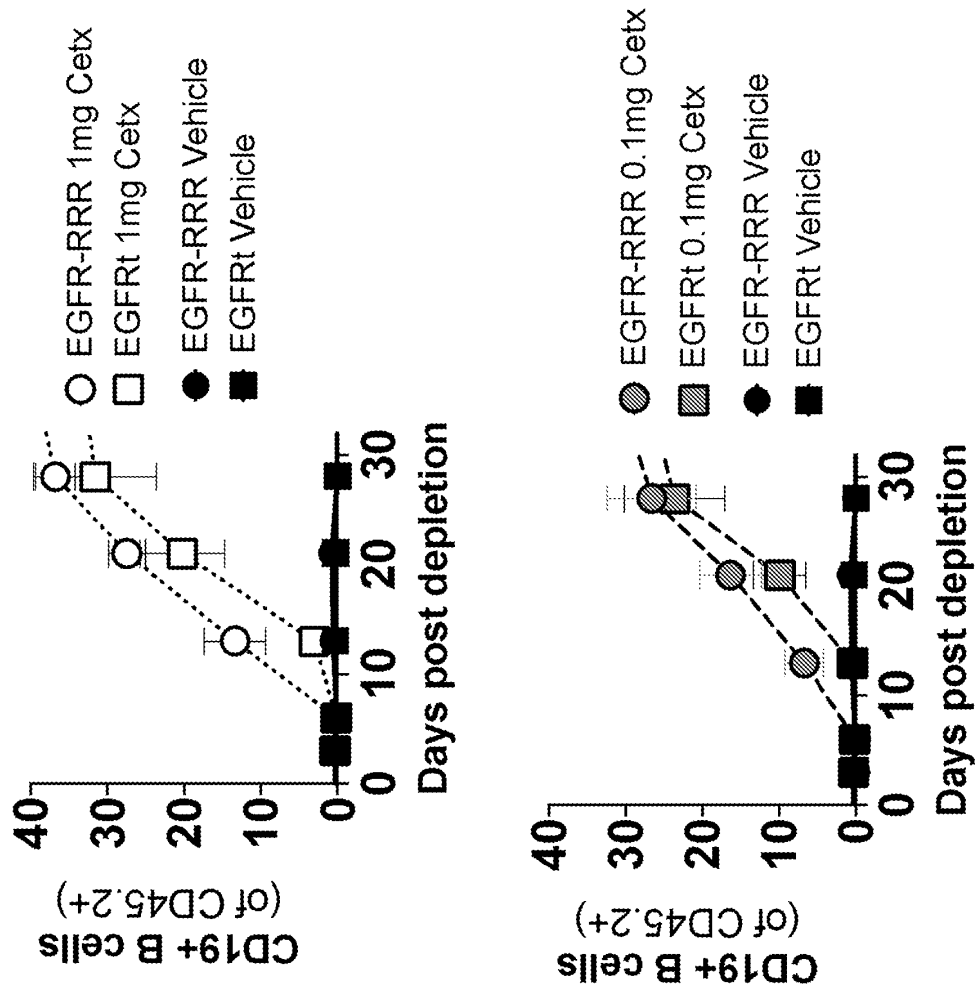


FIG. 13B

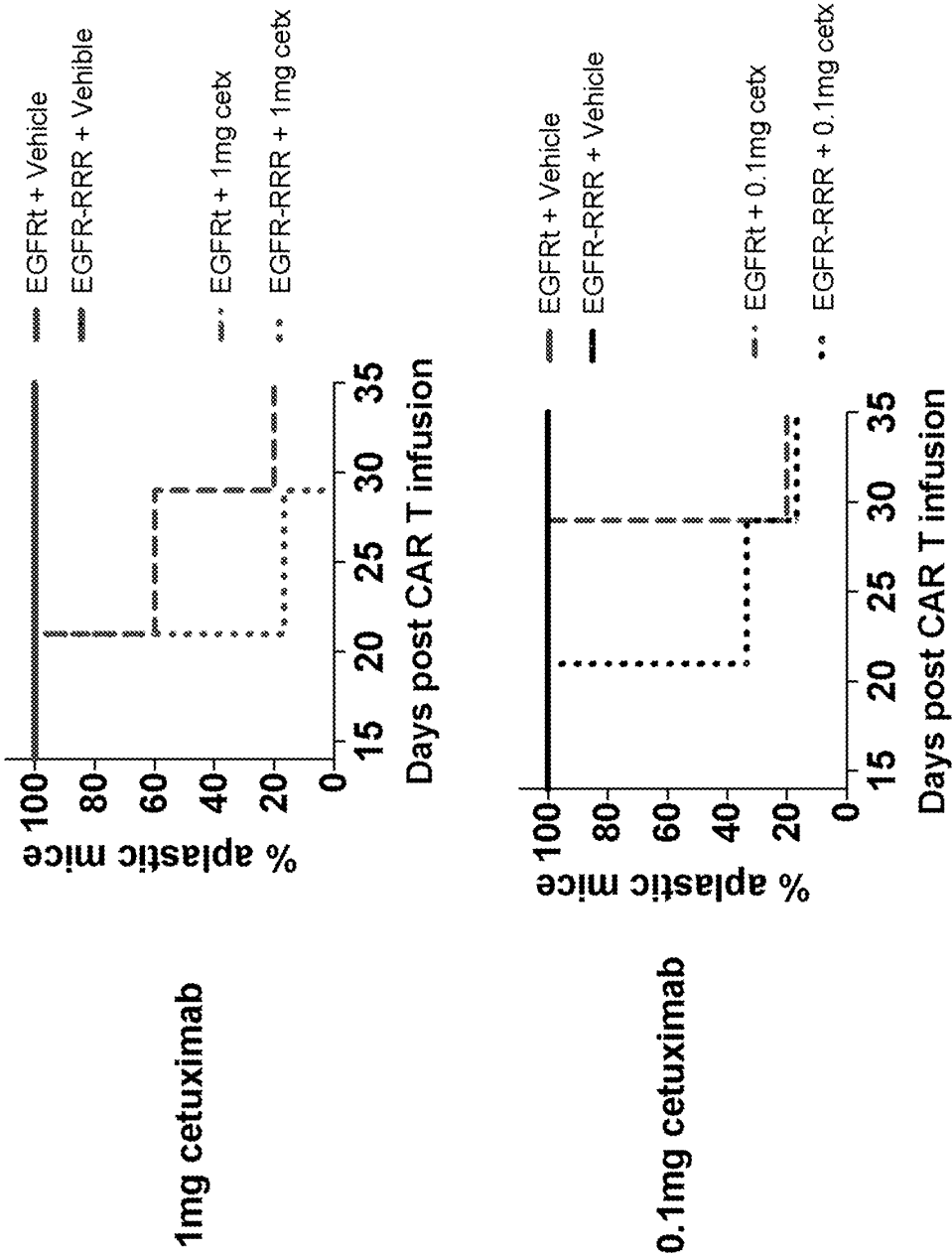


FIG. 13C