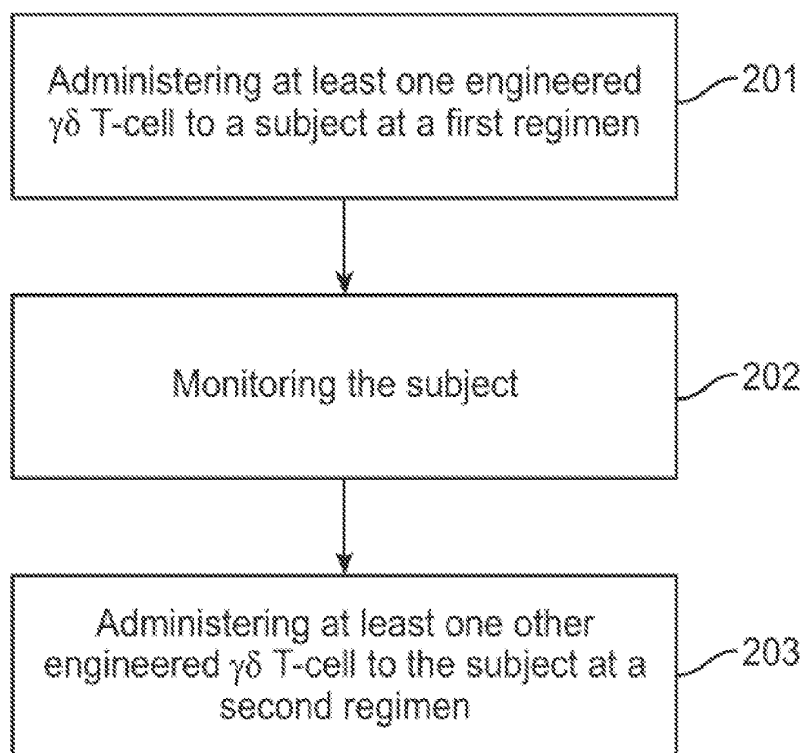


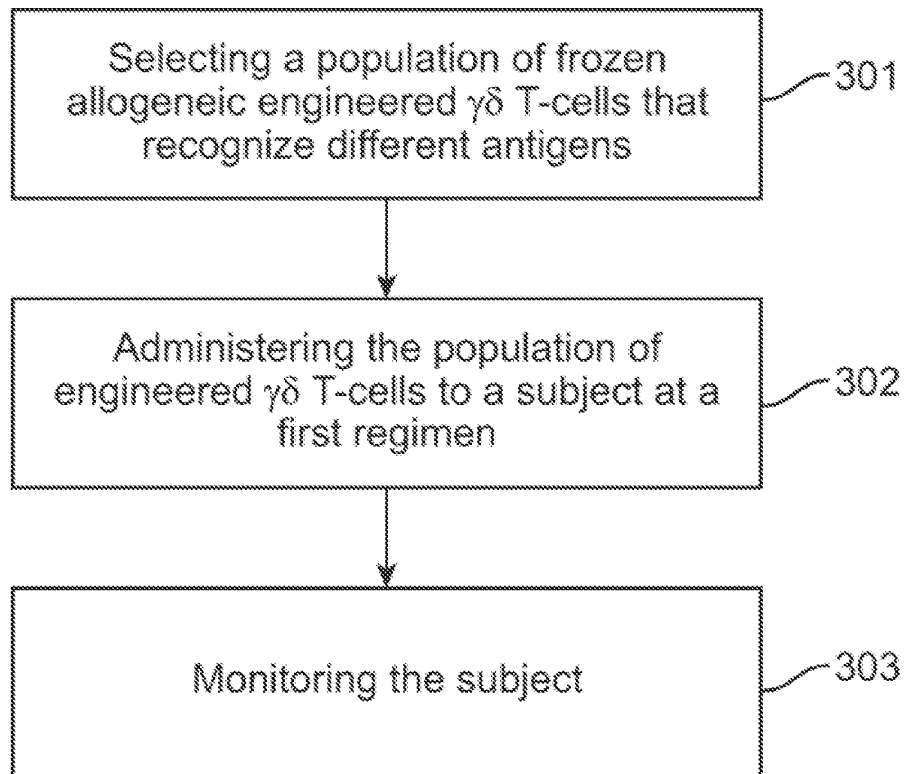
mAb	FW1	CDRH1	FW2	CDRH2	FW3	CDRH3	FW4	SEQ ID
63-08	EEKLEESGGGLVQPGGSKMKLSQVASGFIFS	LYWMN	WYRQSPKEGLEWVG	QILKSDNYATHYAESVK	GRFTISRDDSKSSVYLQAMNLRAEDTGIYCMY	YQSSYERFAY	WGQGLVTVSA	1
63-20	QYQLQSGGAEIVAPGTSVKMSCKATGYTFS	NYWTG	WYKQRFHGLEIRIG	DYFGGGYNNYEEFKG	KATLADTSSTTYMMLSSLTFFEDSAIYYCAR	WSDYAMDY	WGQGLSVTVSS	2
63-23	EVQLQSGAEIVAPGASVYKLSCTASGENID	TYWH	WYKQRFPEQGLEWIG	RIDPANGNTKYDPKFRG	KATITADTSNTAYLQSSLTSEGTAVYYCSE	GIYFDY	WGQGLTVTVSS	3
63-31	SDVQLQSGGPDIVKPSQSLSTCTCTVTGYSIT	SGYGMH	WIRQFPNGKLEWMG	YISFGSNKNYNSLSKS	RISIRSDTSKNGQFELQNSVYTFEDDATYYCAN	IDY	WGQGLTVTVSS	4
63-42	SDVQLQESGPDIVKPSQSLSTCTCTVTGYSIT	SGYGMH	WIRQFPNGKLEWMG	YIYFSNNTDYNPSLSKS	RISIRSDTSKNGQFELHNSVYTFEDDATYYCAR	SGITTDWYFDY	WGAQTVTVSS	5
63-47	EVQLQSGAEIVAPGASVYKLSCTASGENIK	DDYMN	WYKQRFPEQGLWIG	GIDPANGNTKYAPKFDQ	KATITADTSNTAYLQSSLTSEDAVYYCAR	YRDYAVDYWGQG	WGQGLSVTVSS	6
63-58	EVKLEESGGGLVQPGGSLIKLSQAAGFTFS	SYAMS	WYRQTFPERLEWVA	YIRDGGGGTYYPDTVEG	RFTISRDNARKNTLYLQWSSHKSEDTAMYYCAR	HPFMNDWFLY	WGQGLVTVSA	7
mAb	FW1	CDRL1	FW2	CDRL2	FW3	CDRL3	FW4	SEQ ID
63-08	DIQMTQSPFASLSVSGEIVTITTC	RASENITYSNLA	WYQQRQKSPQLDIVY	ATKRLAD	GVPSPRFSGSGSGTQYSLKINSLSQSEDFGSIYYC	QHFWGTPFWT	FGGGTKLEIK	8
63-20	QIVLTQSPAIMSASPGEKVTWTC	SASSSYSSRYLH	WYQQRSGASPFNVIYG	TSNLAS	GVPSPRFSGSGSGTSTSLTSSVEAEDATYYC	QQYHSDPPT	FGGGTKLEIK	9
63-23	DILLTQSPAILSVSPGERVSFSC	RASQINGTIIH	WYQQRANGSPRLILIKY	ASESIS	GVPSPRFSGSGSGTDFTLSSINSVESEDIADYYC	QQSNWDPYT	FGGGTKLEIKR	10
63-31	DIQMTQRTSSLASLGDRTITSC	SASQDITVYTH	WYQQRPDGTVKLLIY	YTSITLHS	GVPSPRFSGSGSGTSTSLTSLNLEPEDIDATYYC	QQYSKLPYT	FGGGTKLEIKR	11
63-42	QIVLSQSPAILLSASPGEKVTWTC	RASSSYNNWH	WYQQRFGSSSPKPMIY	ATRNLAS	GVPSPRFSGSGSGTSTSLTSSKYEAEDATYYC	QQWSSHQPT	FGAGTKLEIK	12
63-47	DIRMTQSPSSMYASLGERVTITTC	KASQDINTYLR	WQQRKPGKSPKTIILY	GANRLVD	GVPSPRFSGSGSGQDYSLTSSLEYEDMGIYYC	LQYDEFFLT	FGAGTKLEIK	13
63-58	DIQMTQSPFASLSVSGEIVTITTC	RASENITYSHLA	WYQQRQKSPQLDIVY	AATNLAD	GVPSPRFSGSGSGTQYSLKINSLSQSEDFGSIYYC	QHFWGTPYT	FGGGTKLEIKR	14

FIG. 1

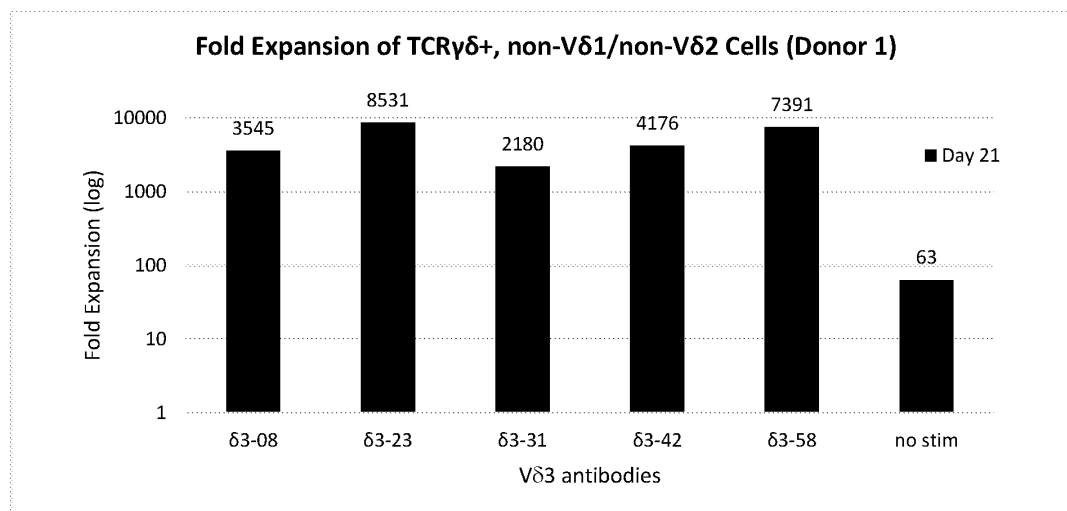
2/19

**FIG. 2**

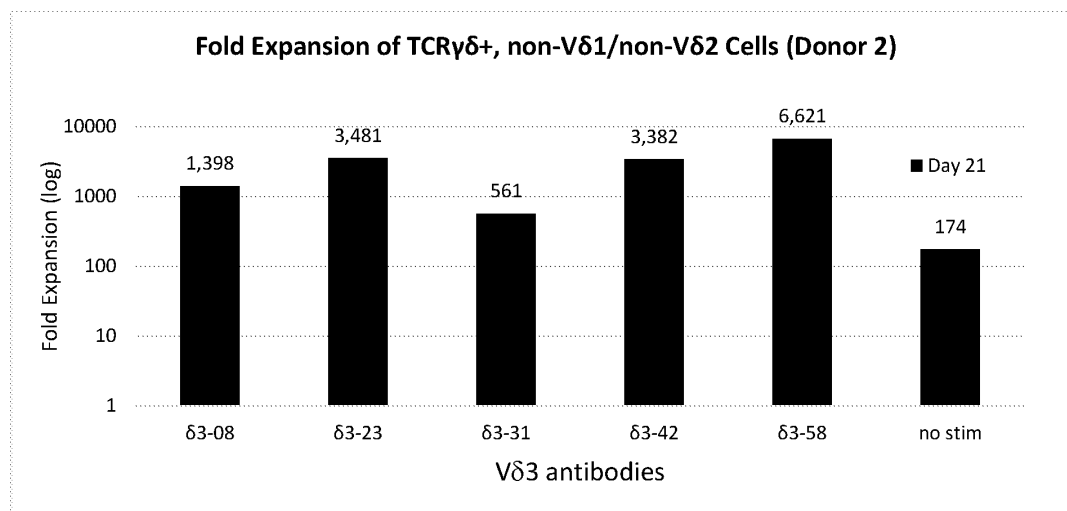
3/19

**FIG. 3**

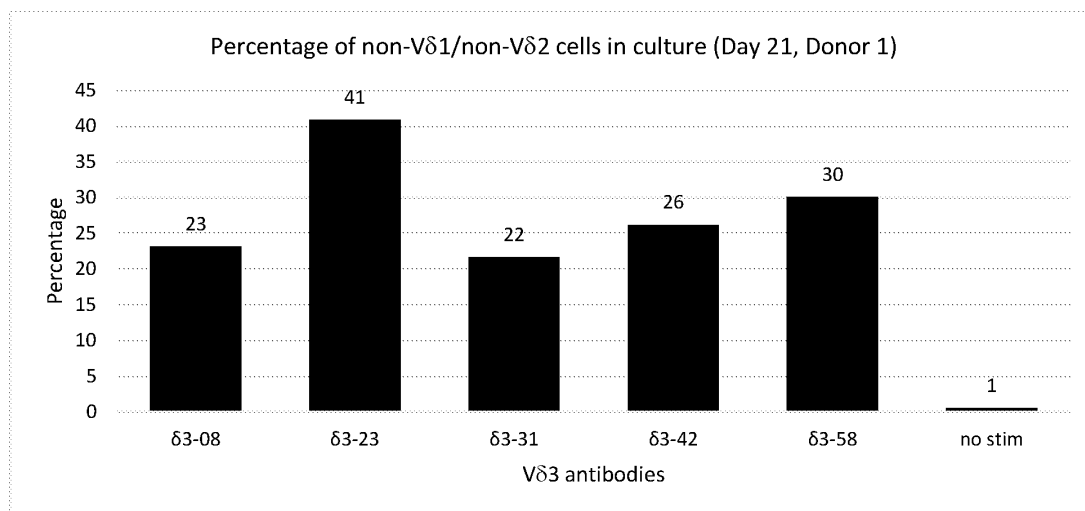
4/19

**FIG. 4A**

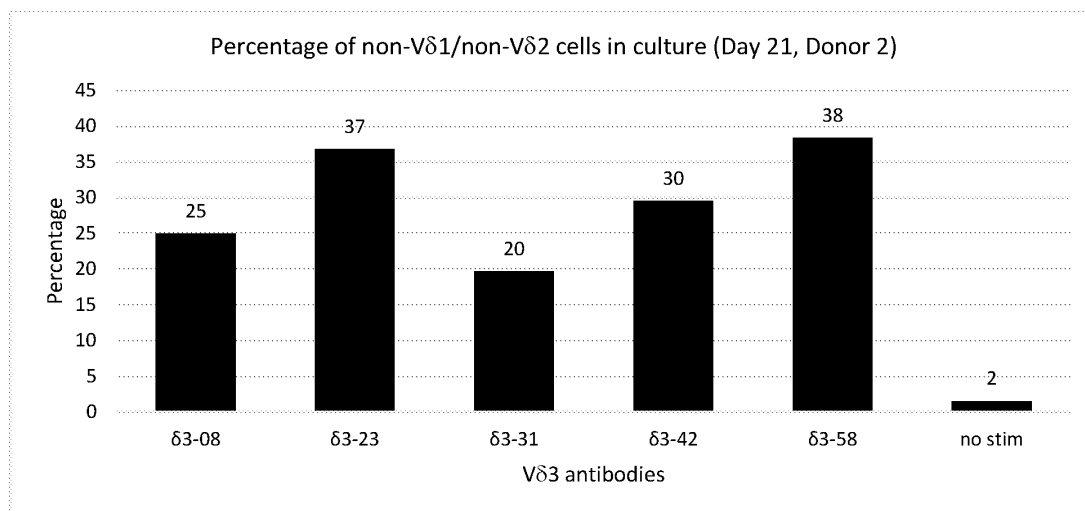
5/19

**FIG. 4B**

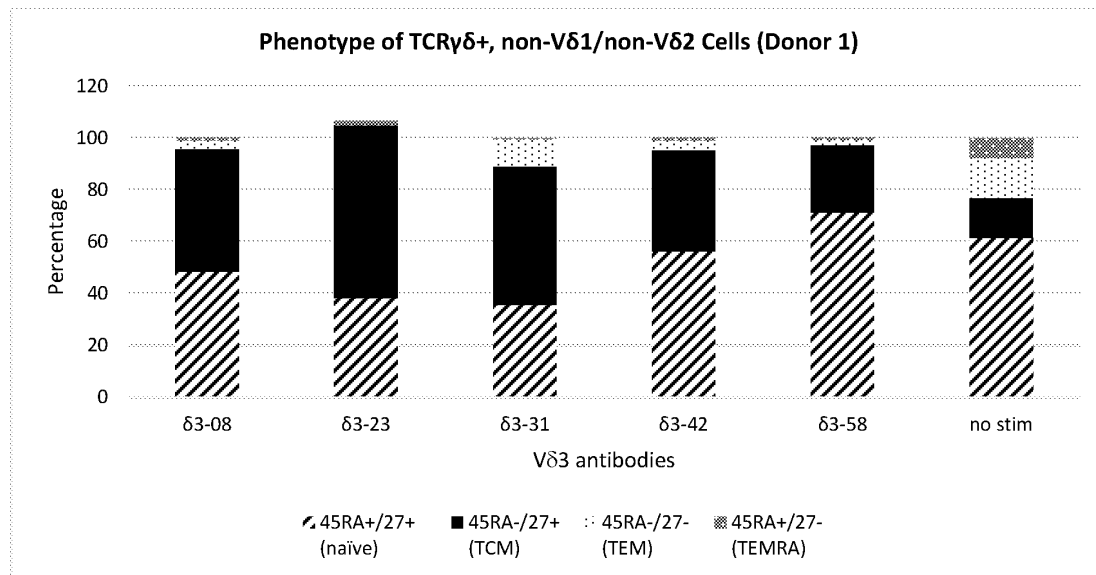
6/19

**FIG. 5A**

7/19

**FIG. 5B**

8/19

**FIG. 6A**

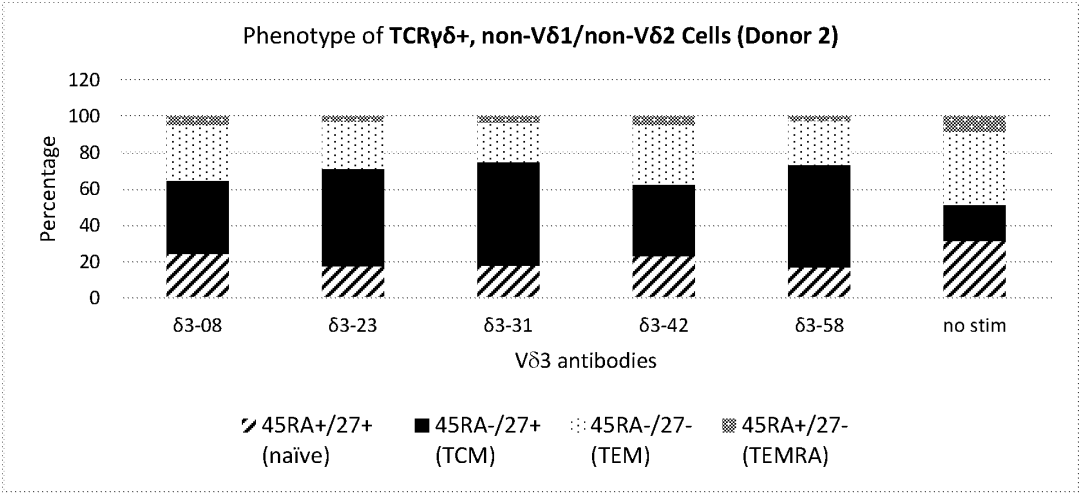


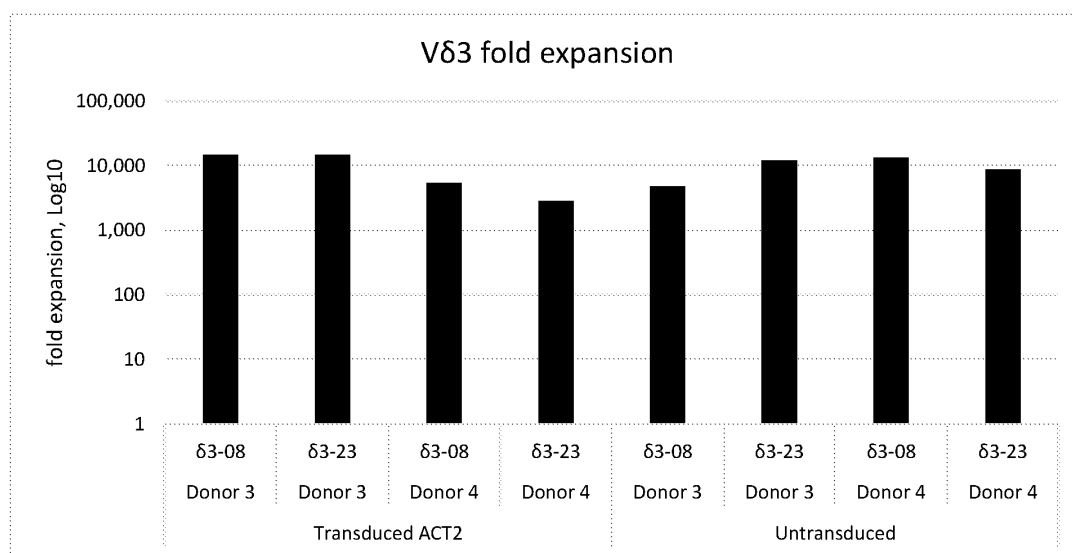
FIG. 6B

10/19

		Bin 1A			Bin 1B	Bin 2
	MAb	$\delta 3-23$	$\delta 3-42$	$\delta 3-58$	$\delta 3-08$	$\delta 3-31$
Bin 1A	$\delta 3-23$	0.06	0.04	0.03	0.04	0.40
	$\delta 3-42$	0.12	0.04	0.06	0.01	0.37
	$\delta 3-58$	0.07	0.03	0.03	0.04	0.38
Bin 1B	$\delta 3-08$	0.29	0.21	0.22	0.16	0.44
Bin 2	$\delta 3-31$	0.48	0.35	0.37	0.24	0.07

FIG. 7

11/19

**FIG. 8A**

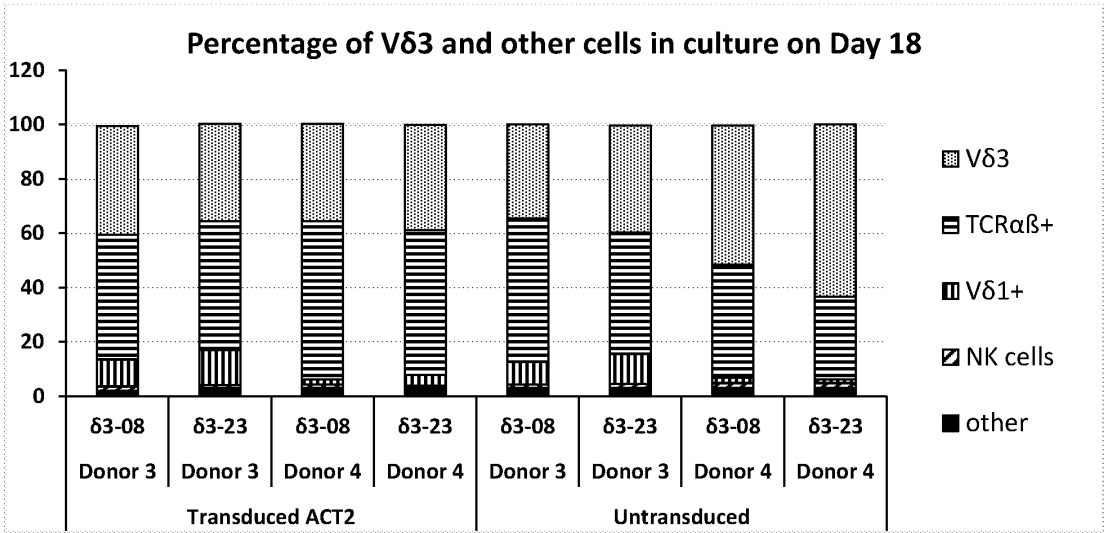


FIG. 8B

13/19

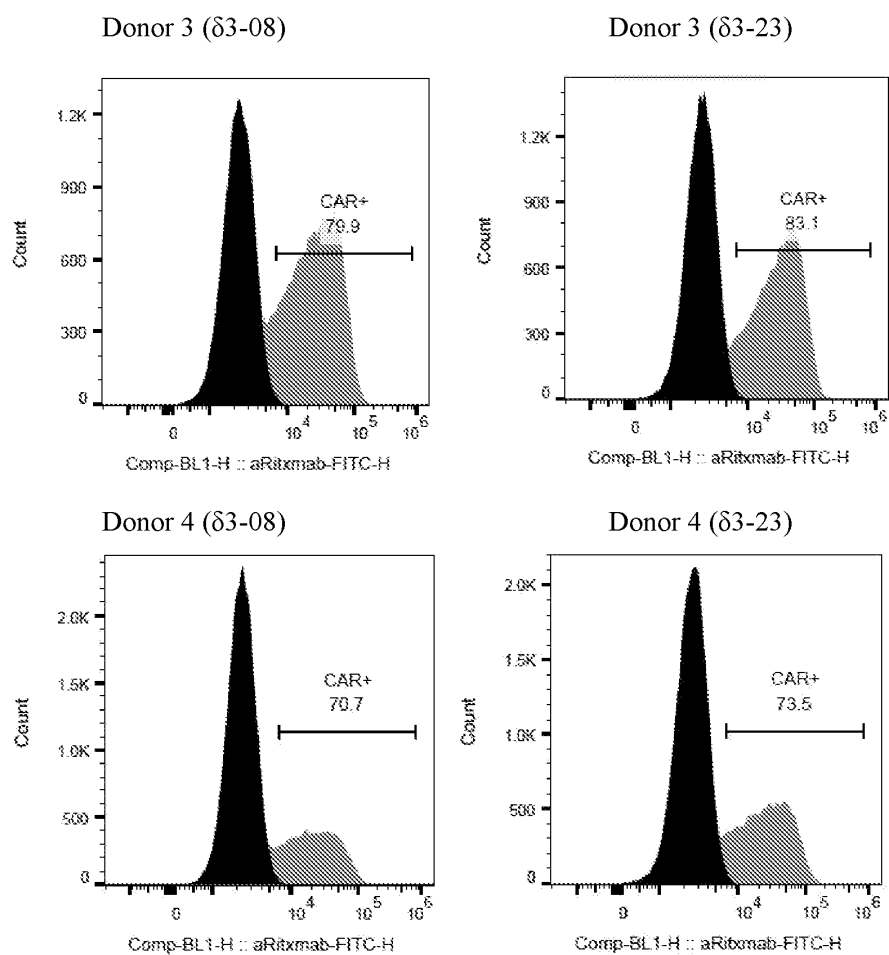


FIG. 8C

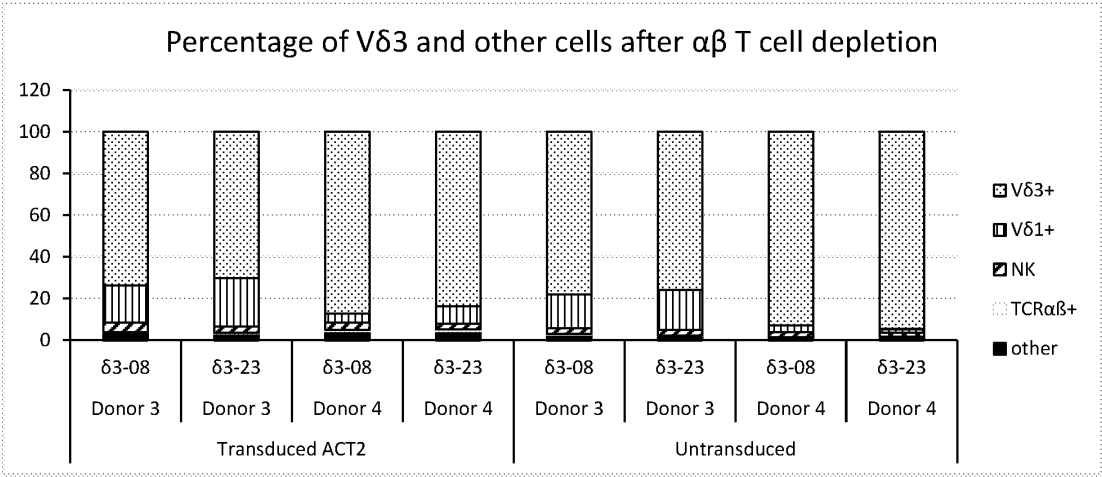


FIG. 9

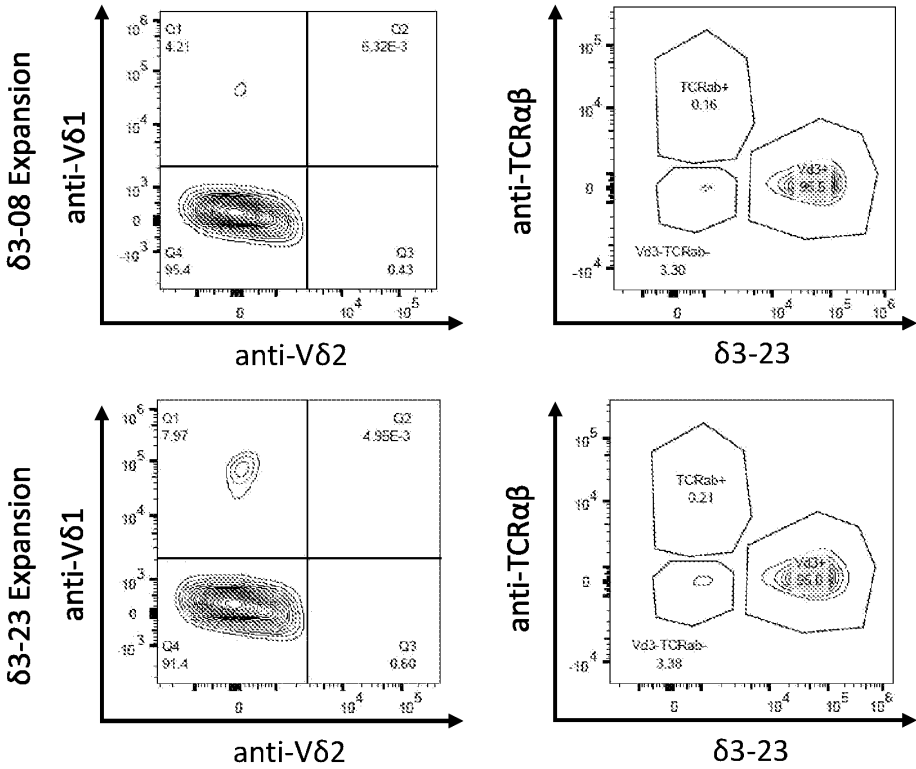
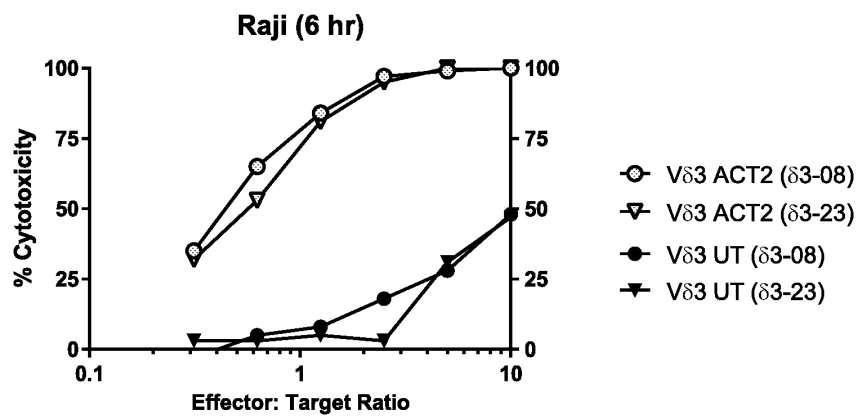


FIG. 10

16/19

**FIG. 11**

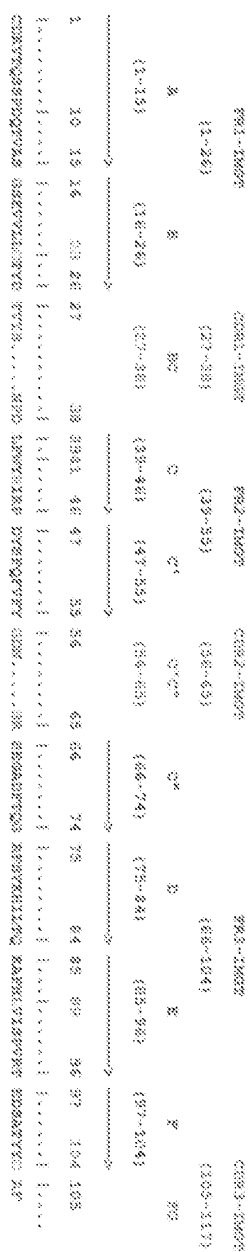


FIG. 12

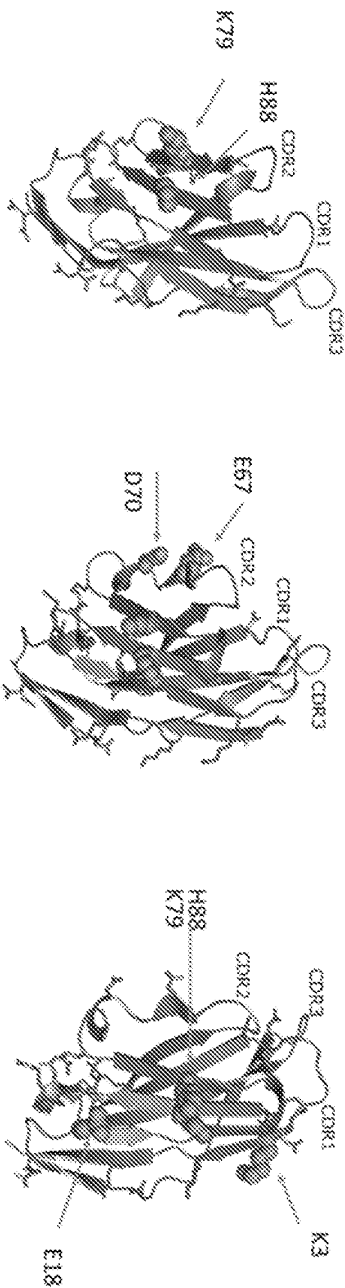


FIG. 13

19/19

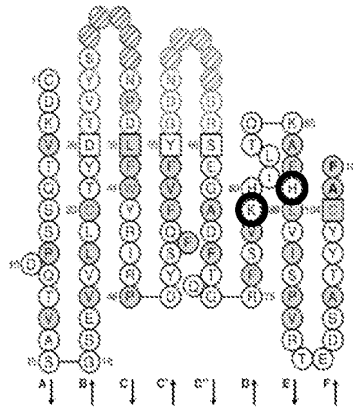


FIG. 14A

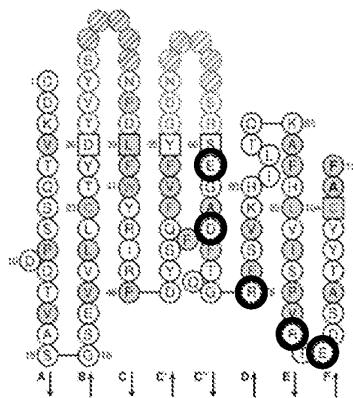


FIG. 14B

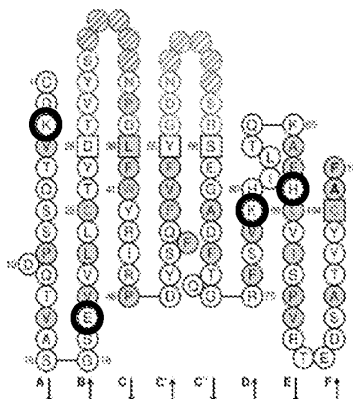


FIG. 14C