

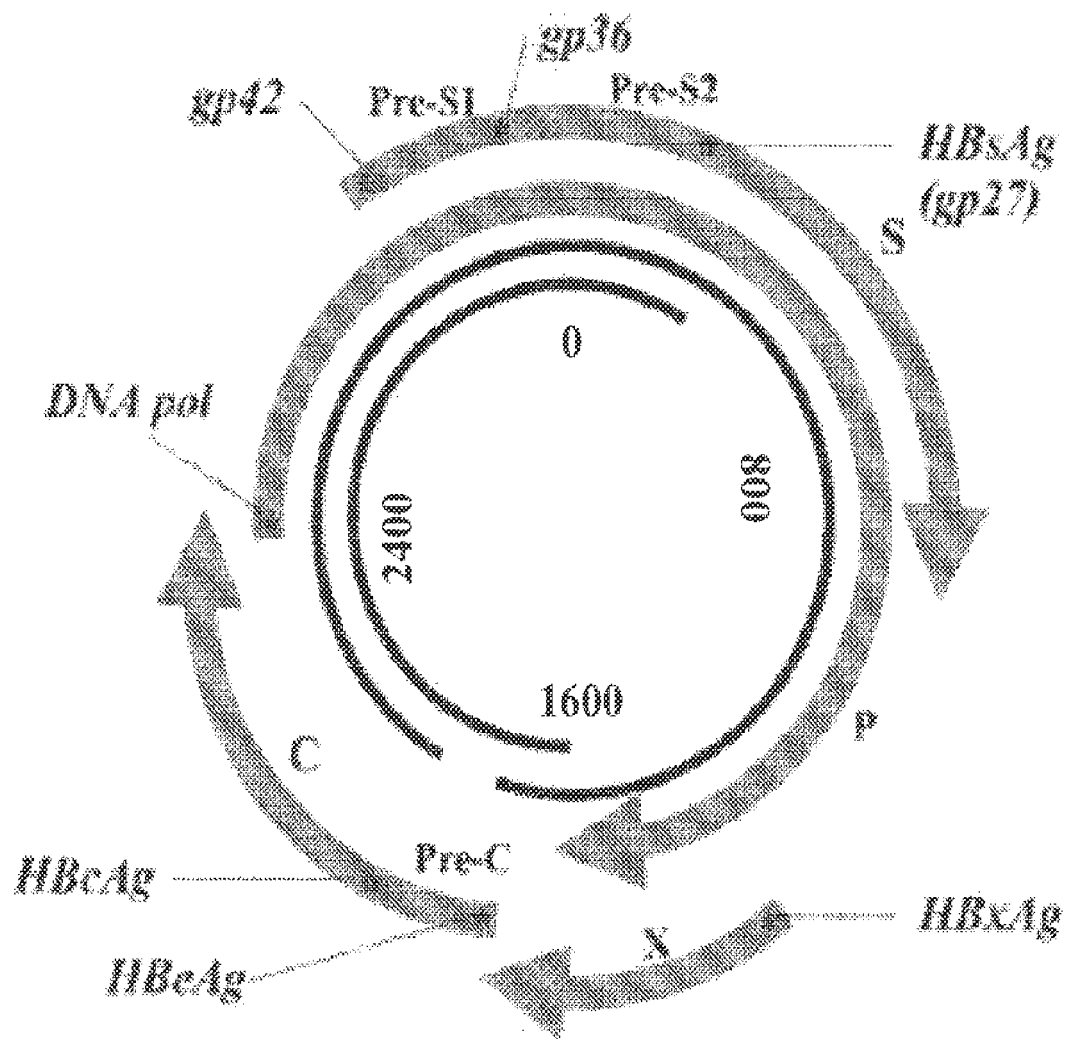


FIGURE 1

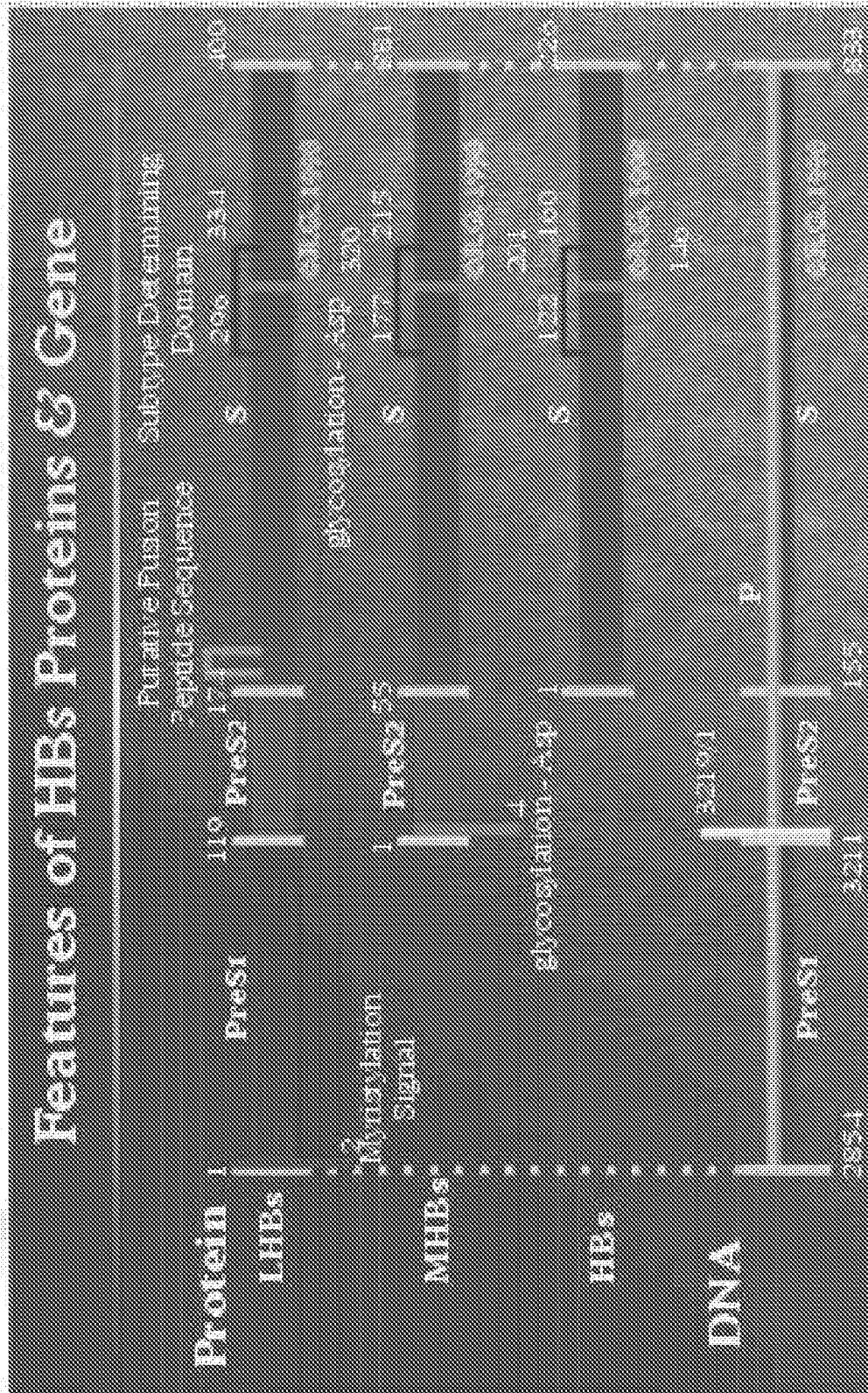


FIGURE 2

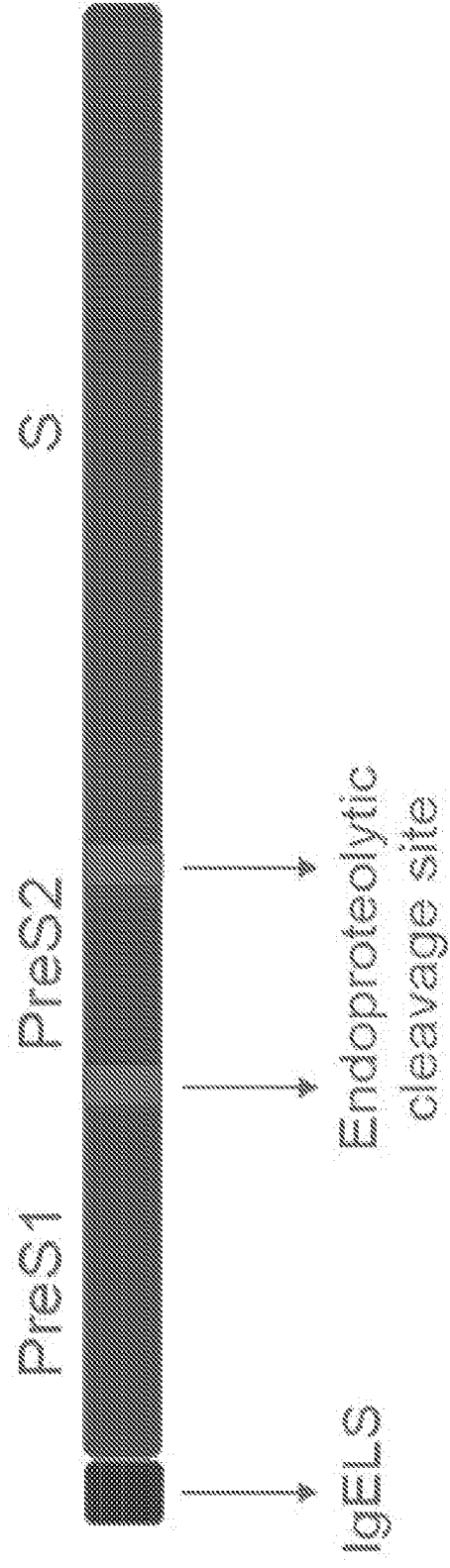


FIGURE 3

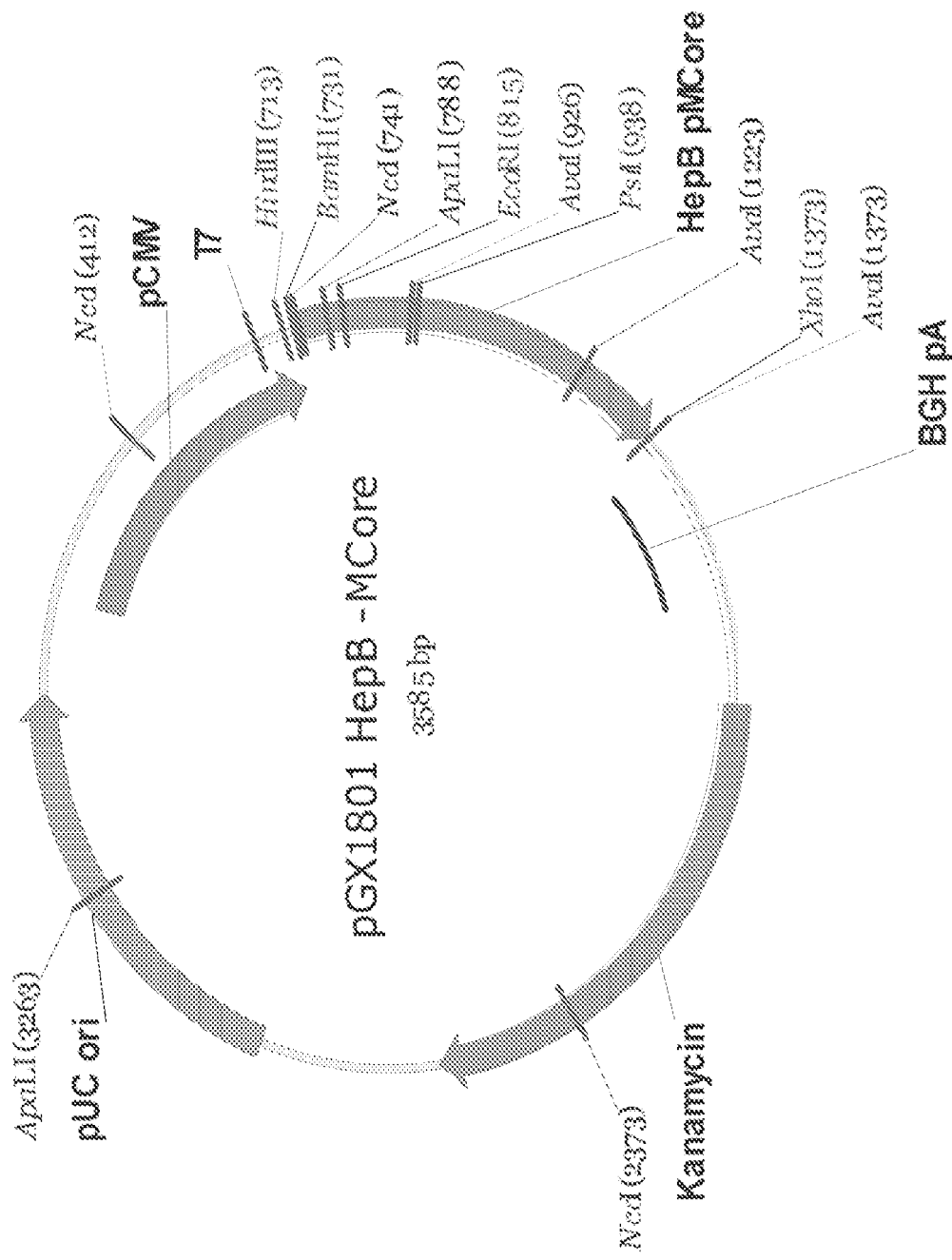


FIGURE 5

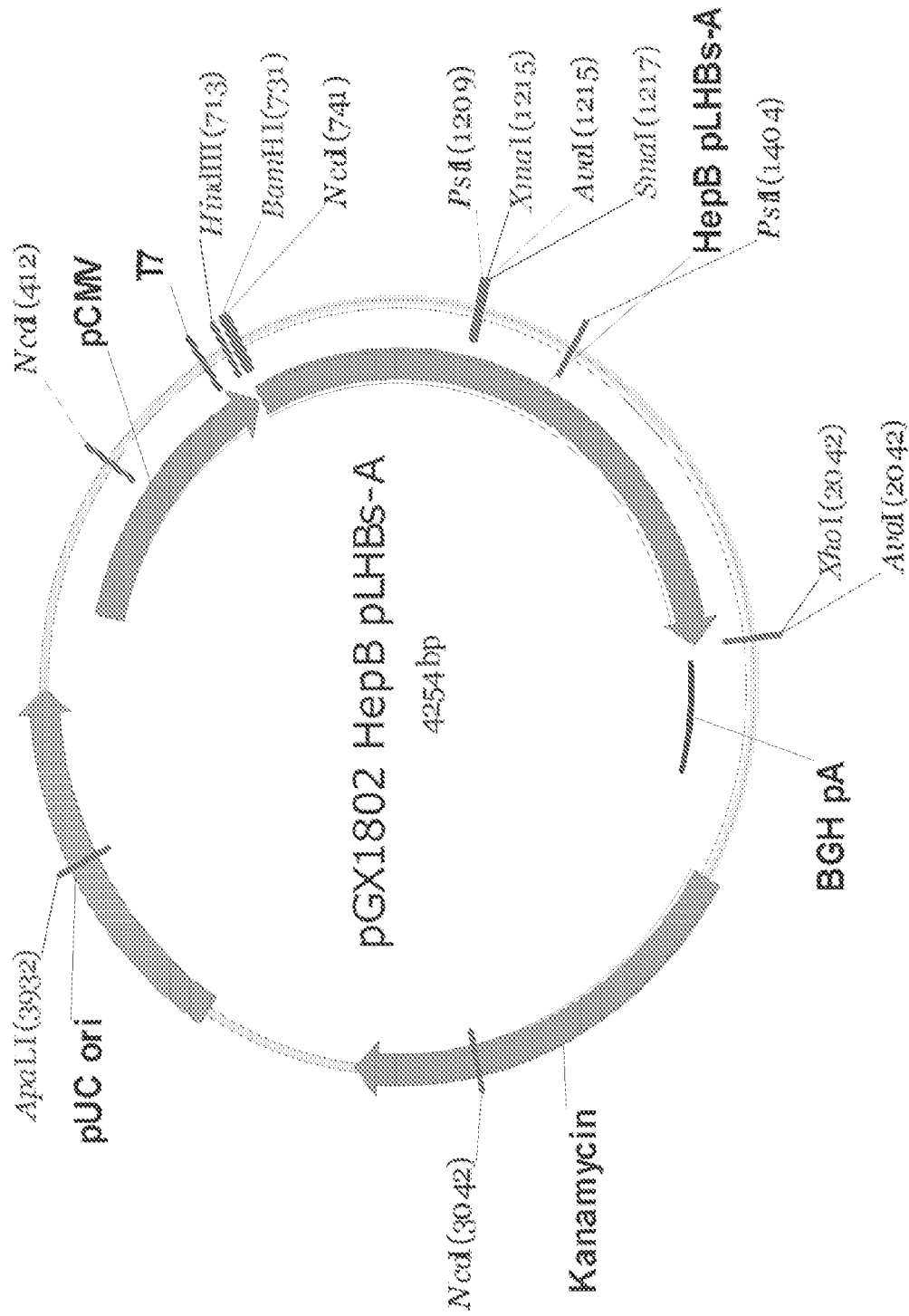


FIGURE 6

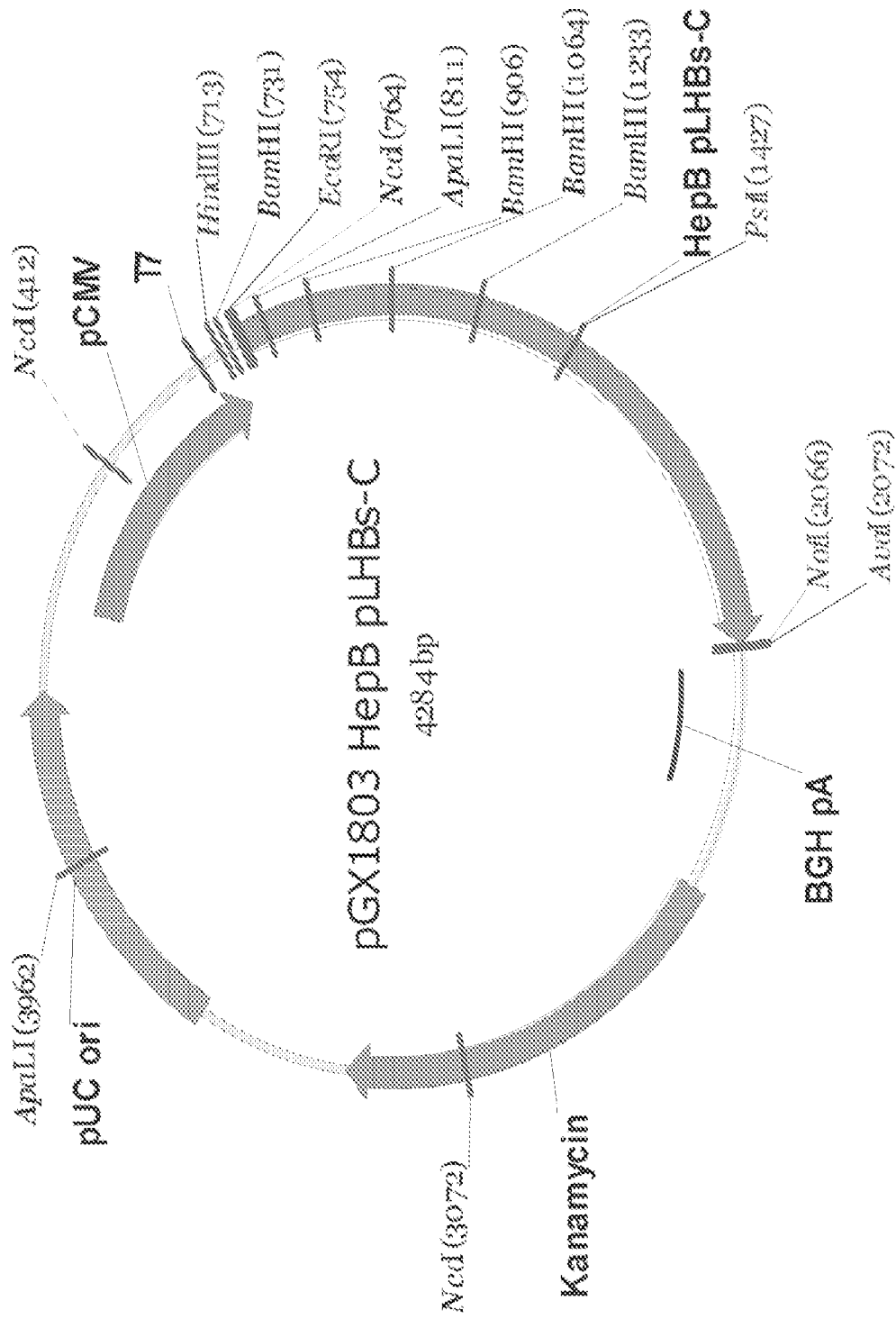


FIGURE 7

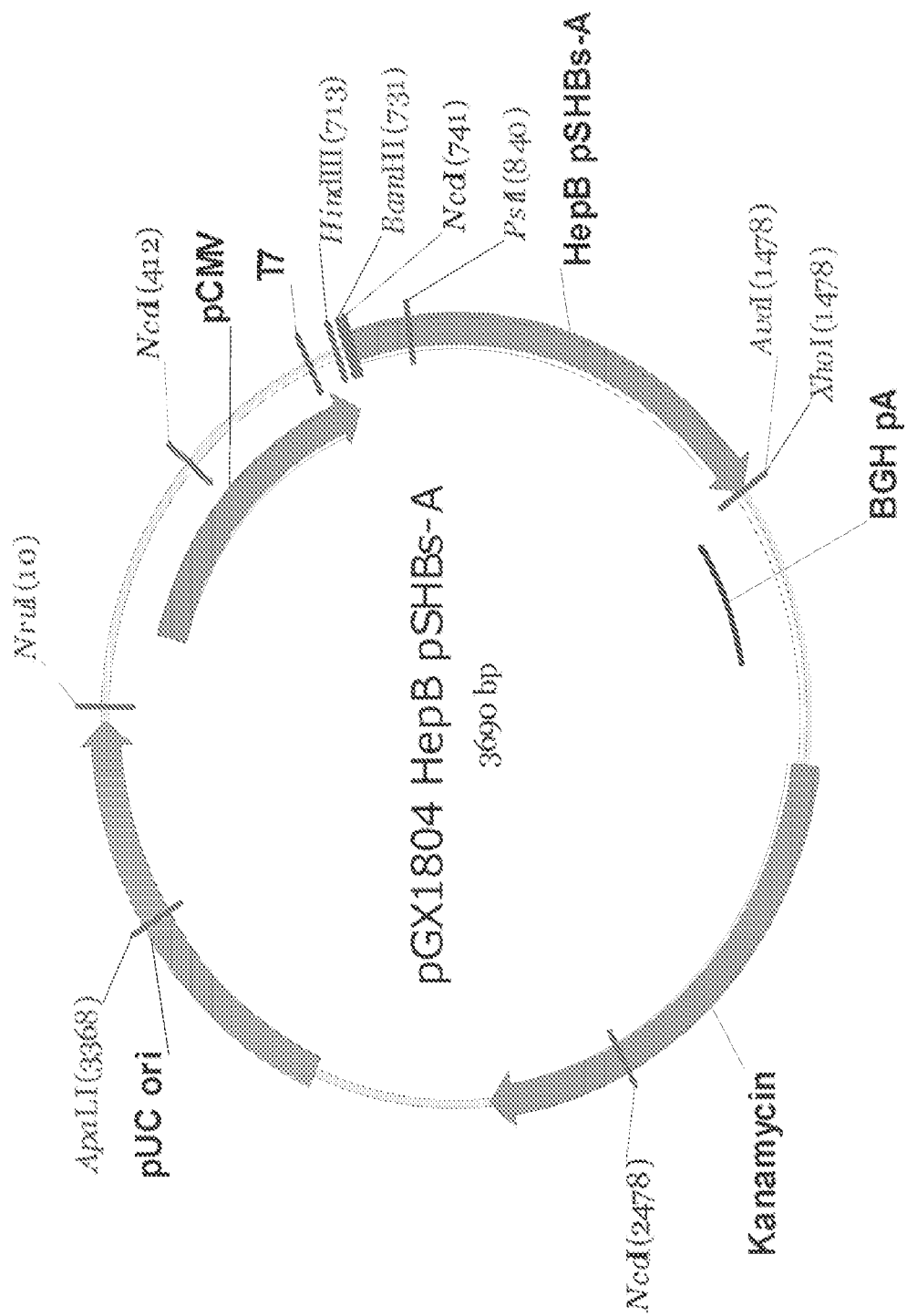


FIGURE 8

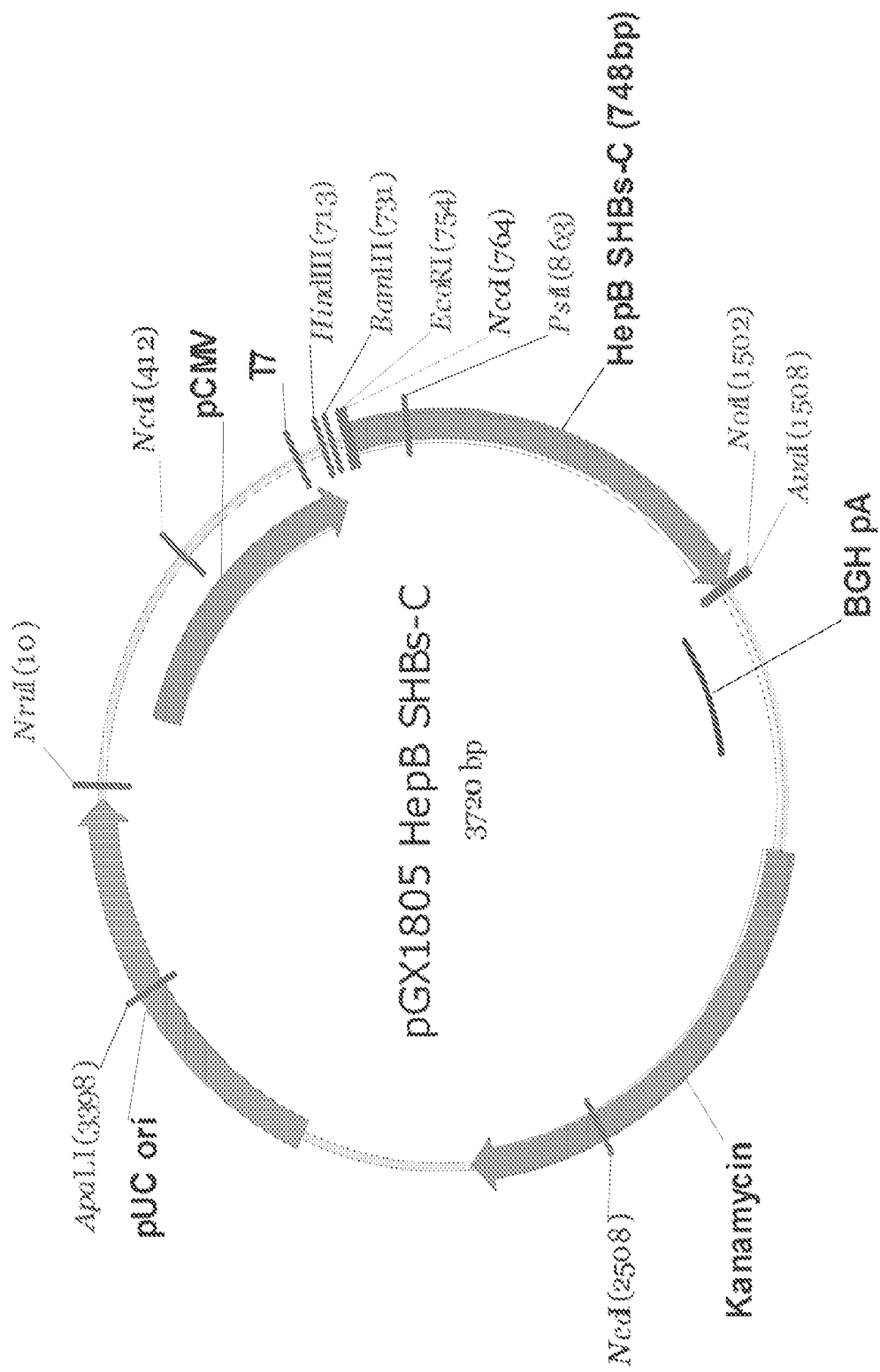


FIGURE 9

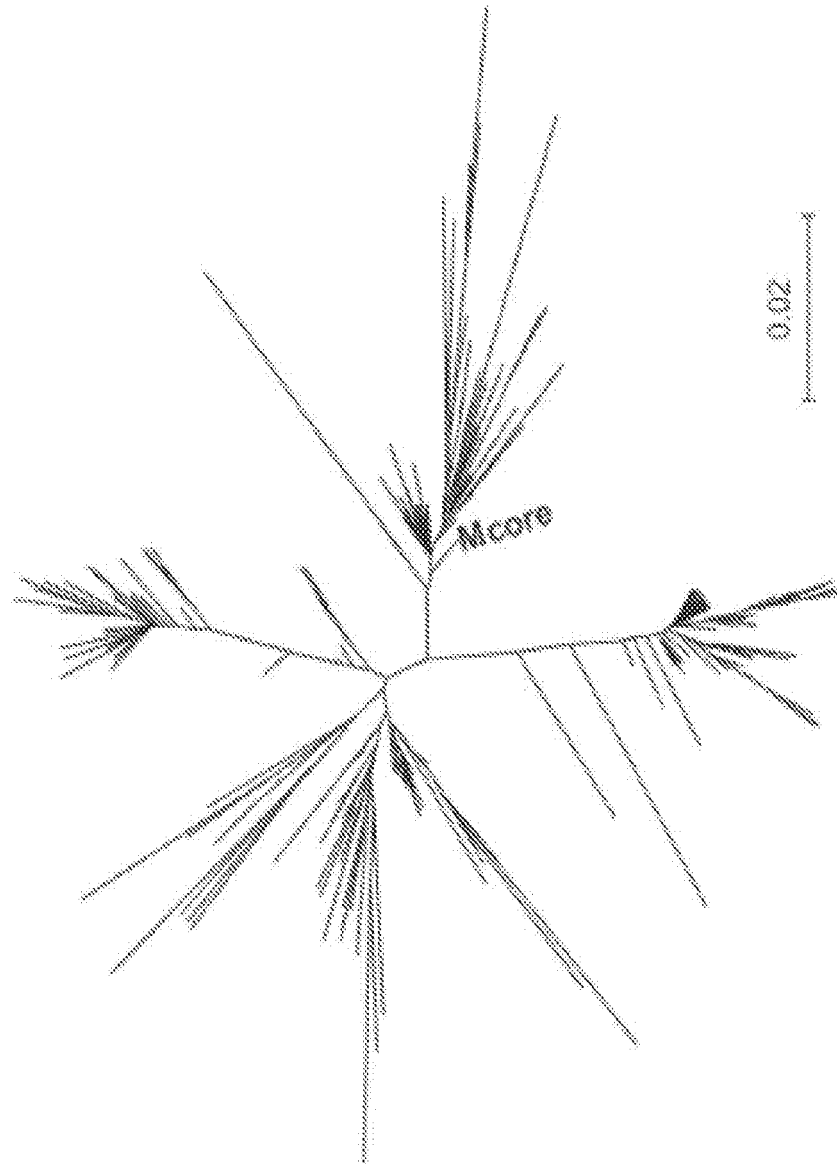


FIGURE 10

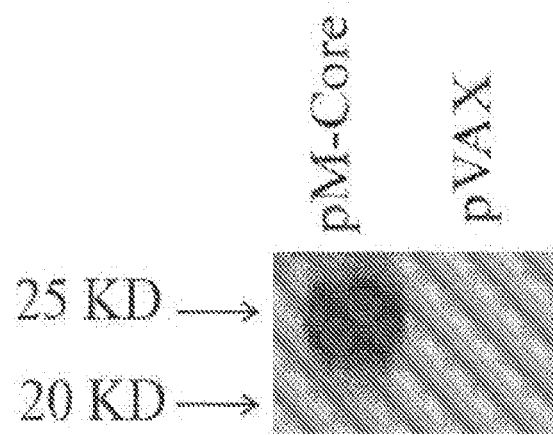


FIGURE 11A

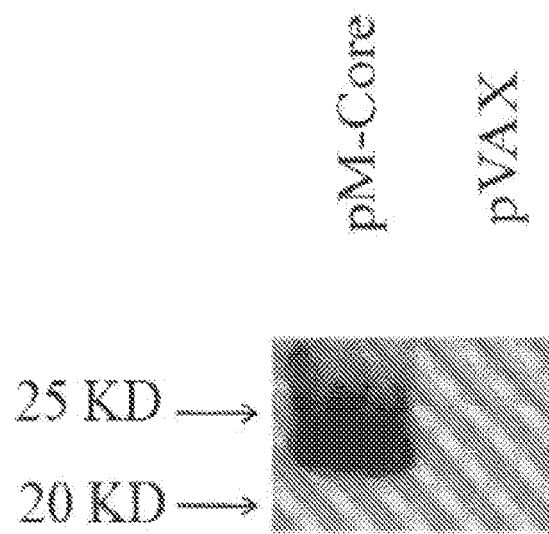


FIGURE 11B

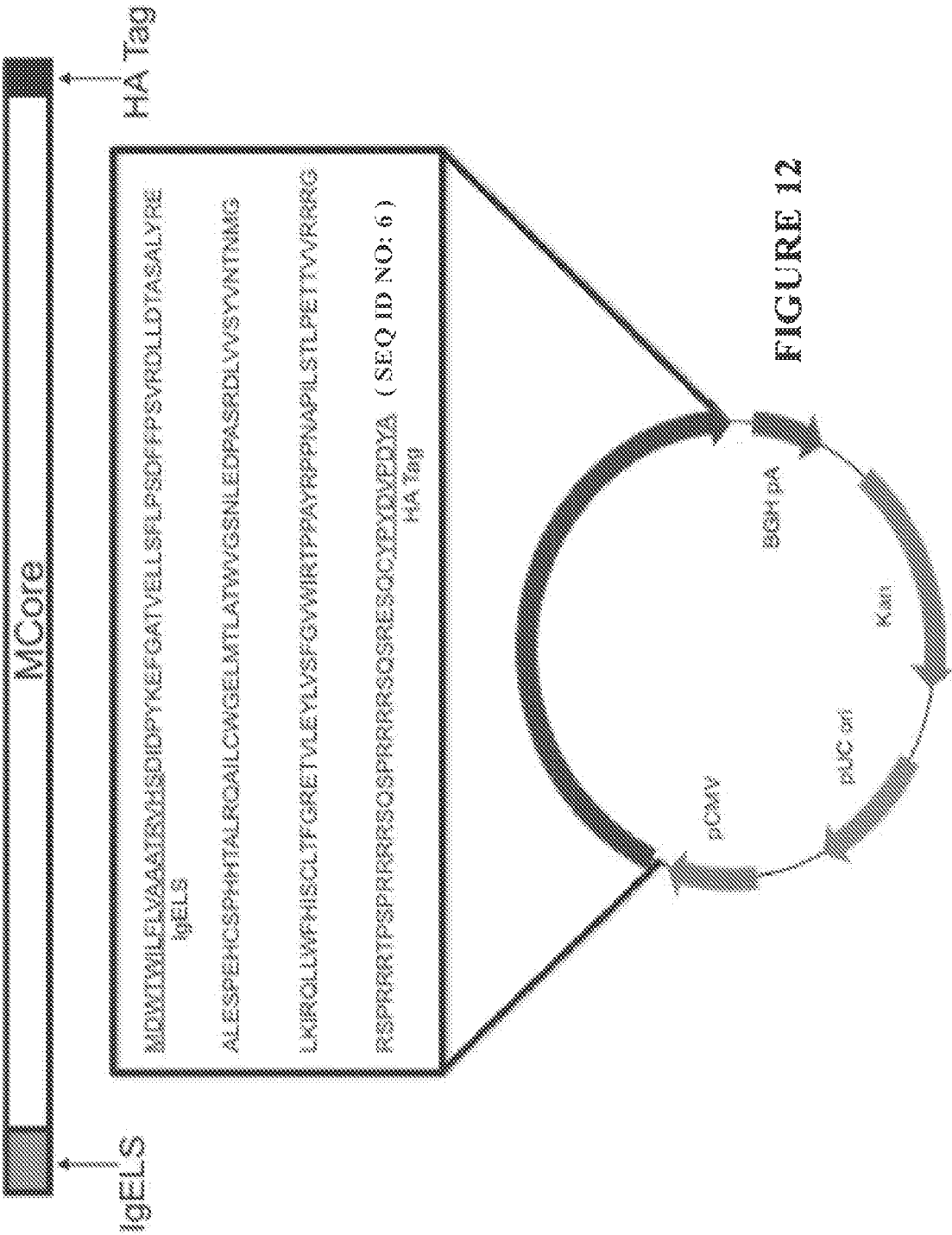
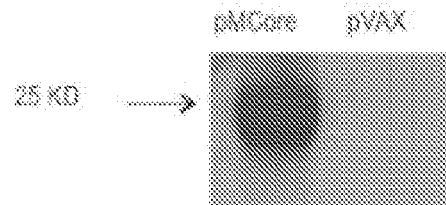
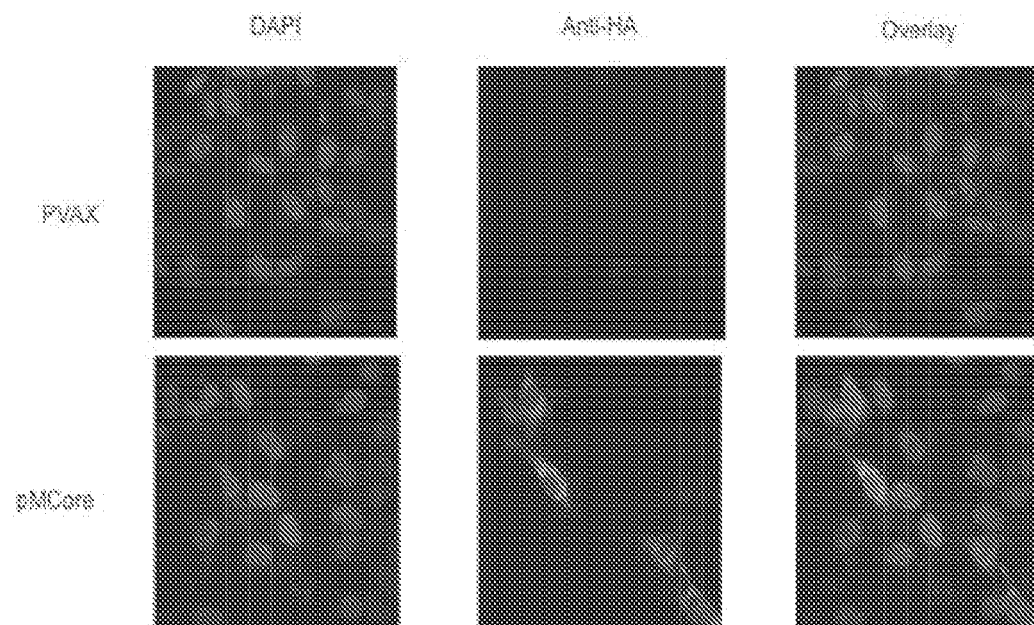


FIGURE 12

**FIGURE 13****FIGURE 14**

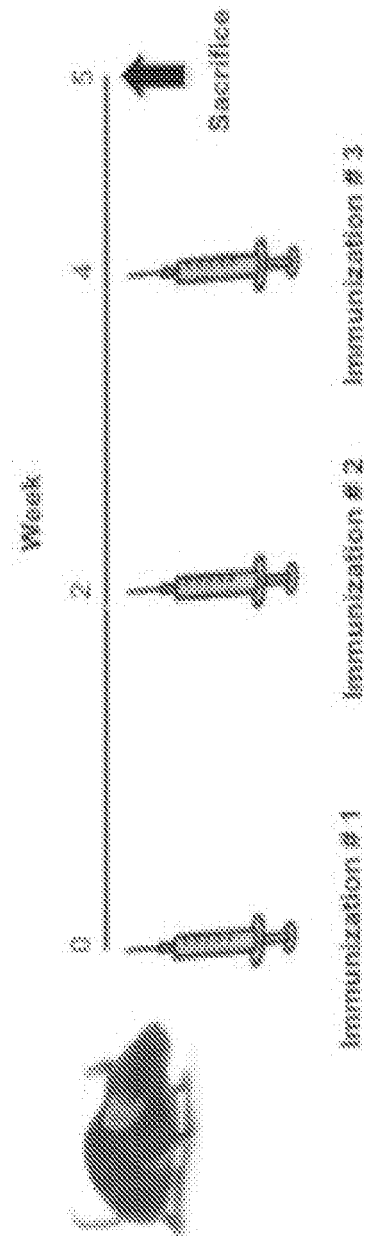


FIGURE 15

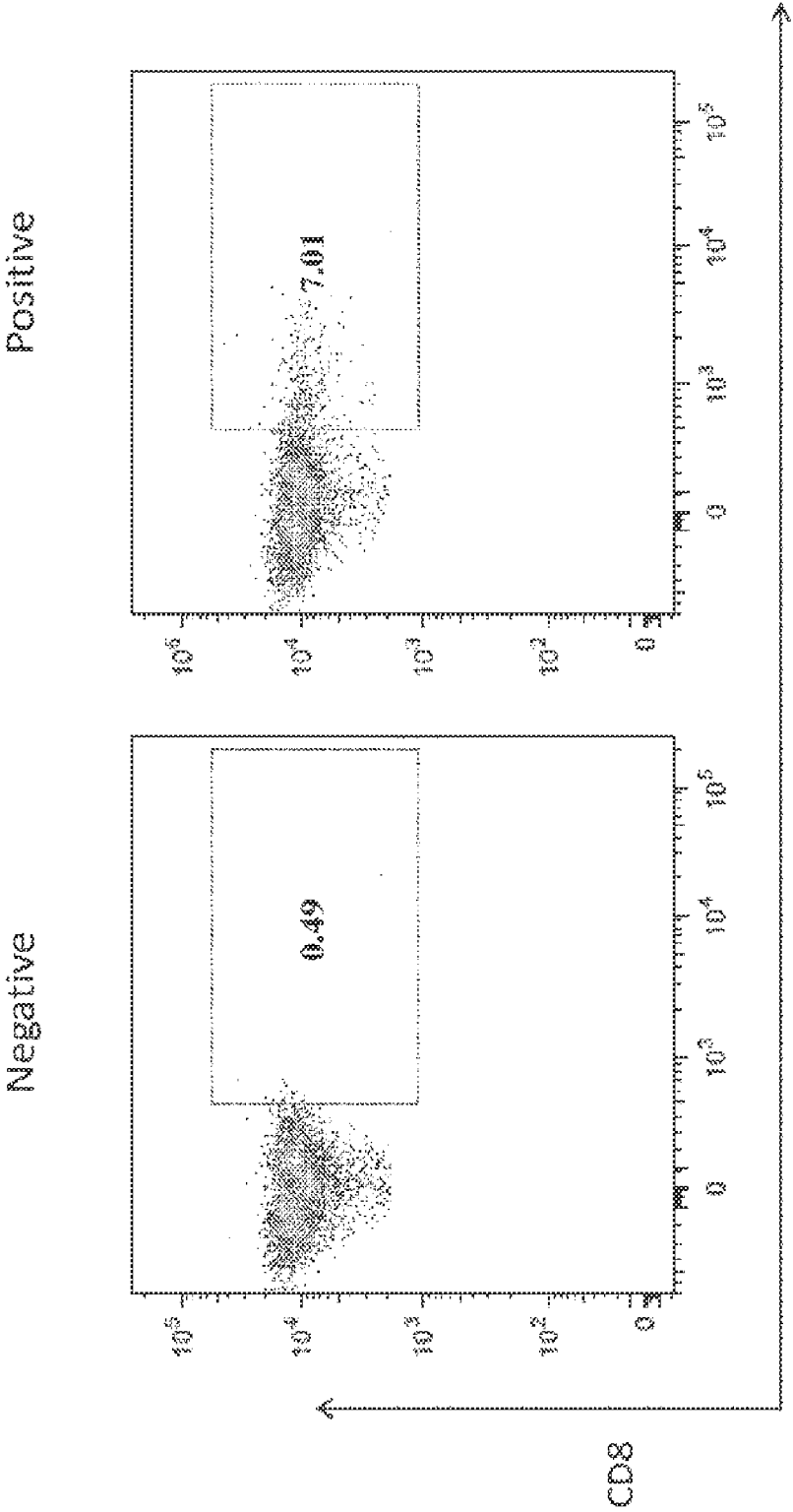
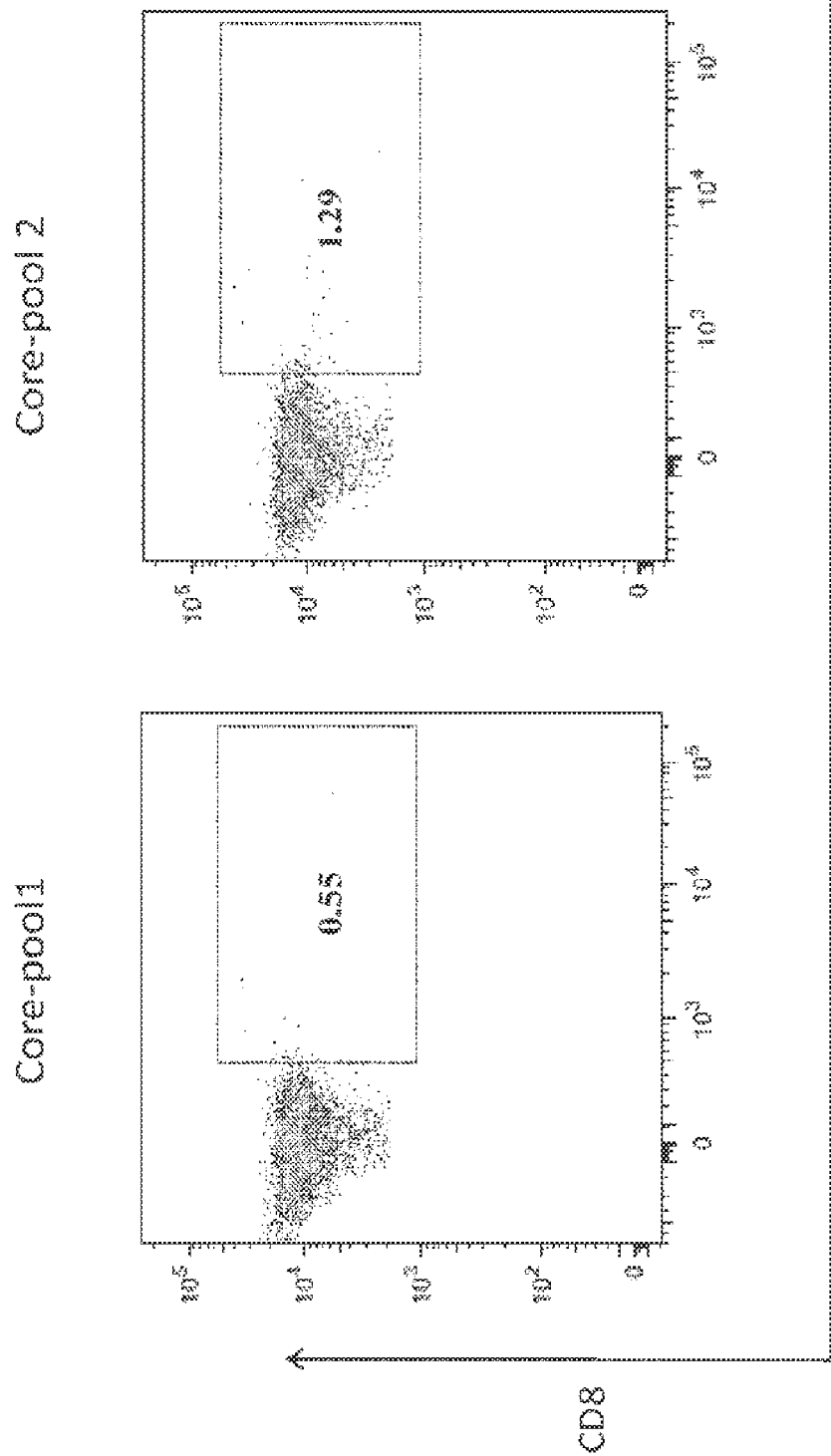


FIGURE 16
(Page 1 of 2)



IFN-γ

CD8

FIGURE 16, continued
(Page 2 of 2)

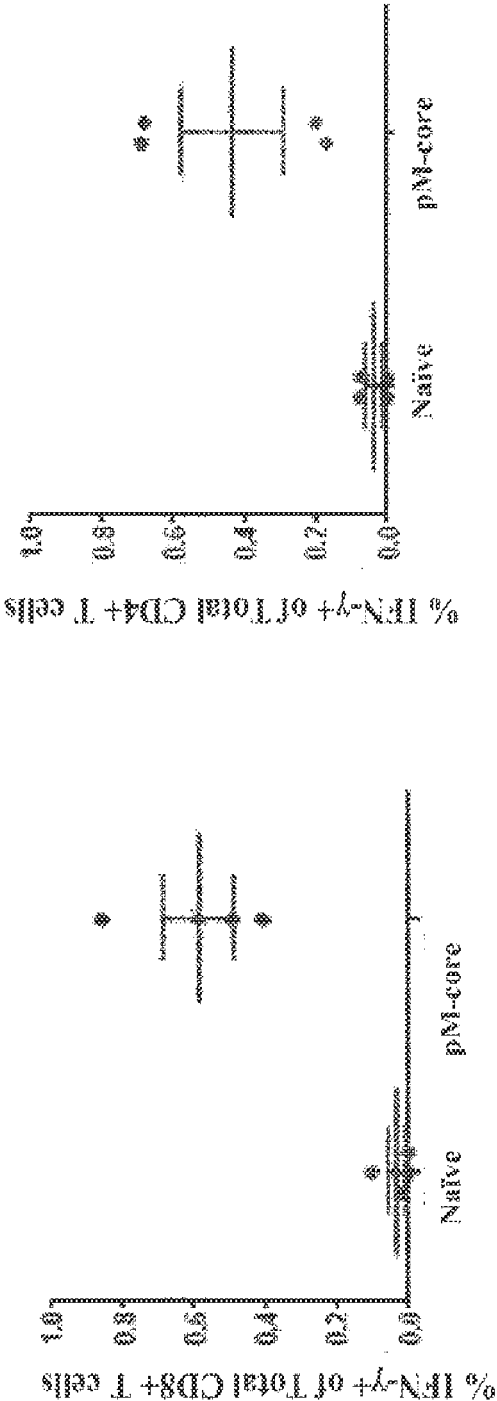


FIGURE 17

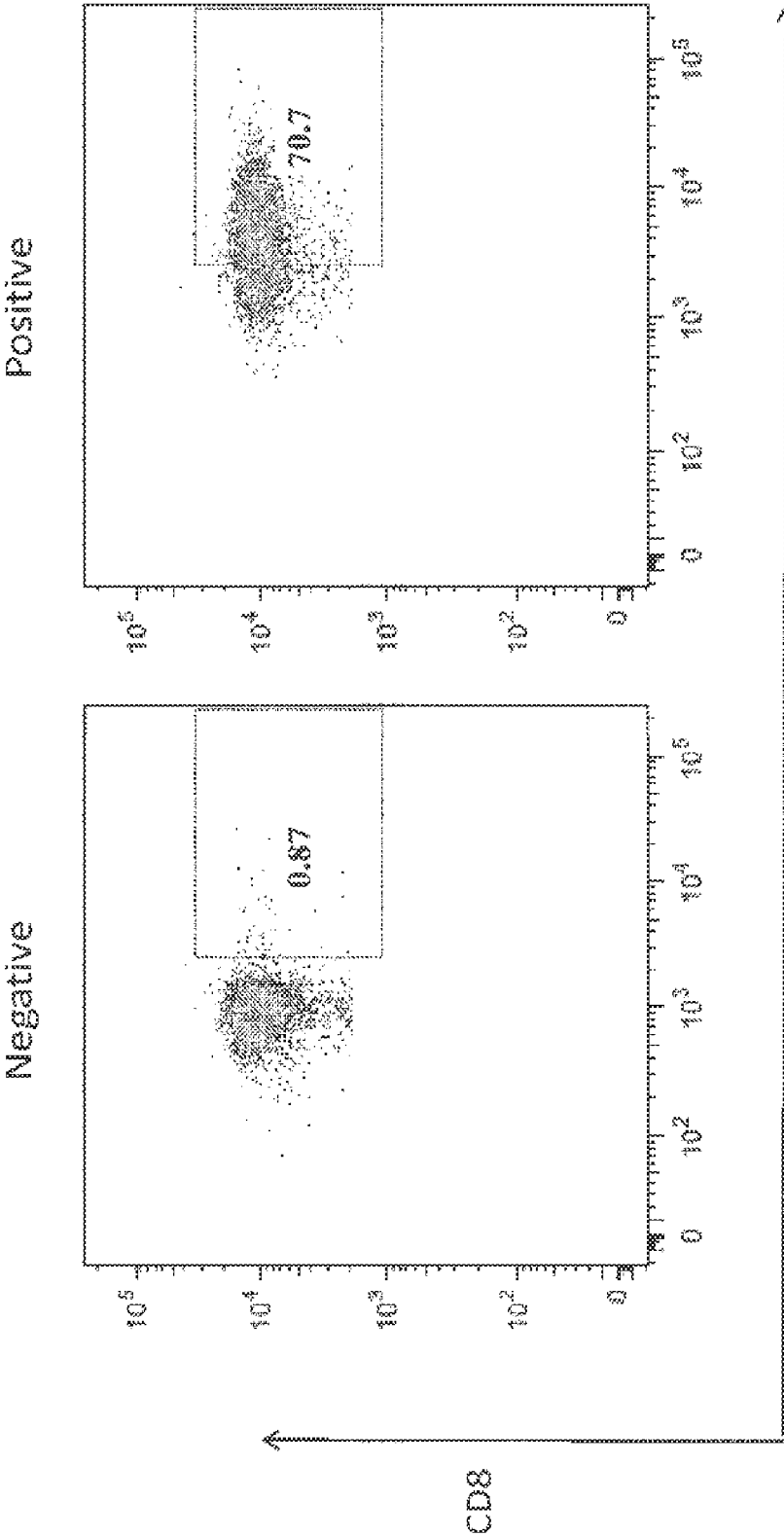


FIGURE 18
(Page 1 of 2)

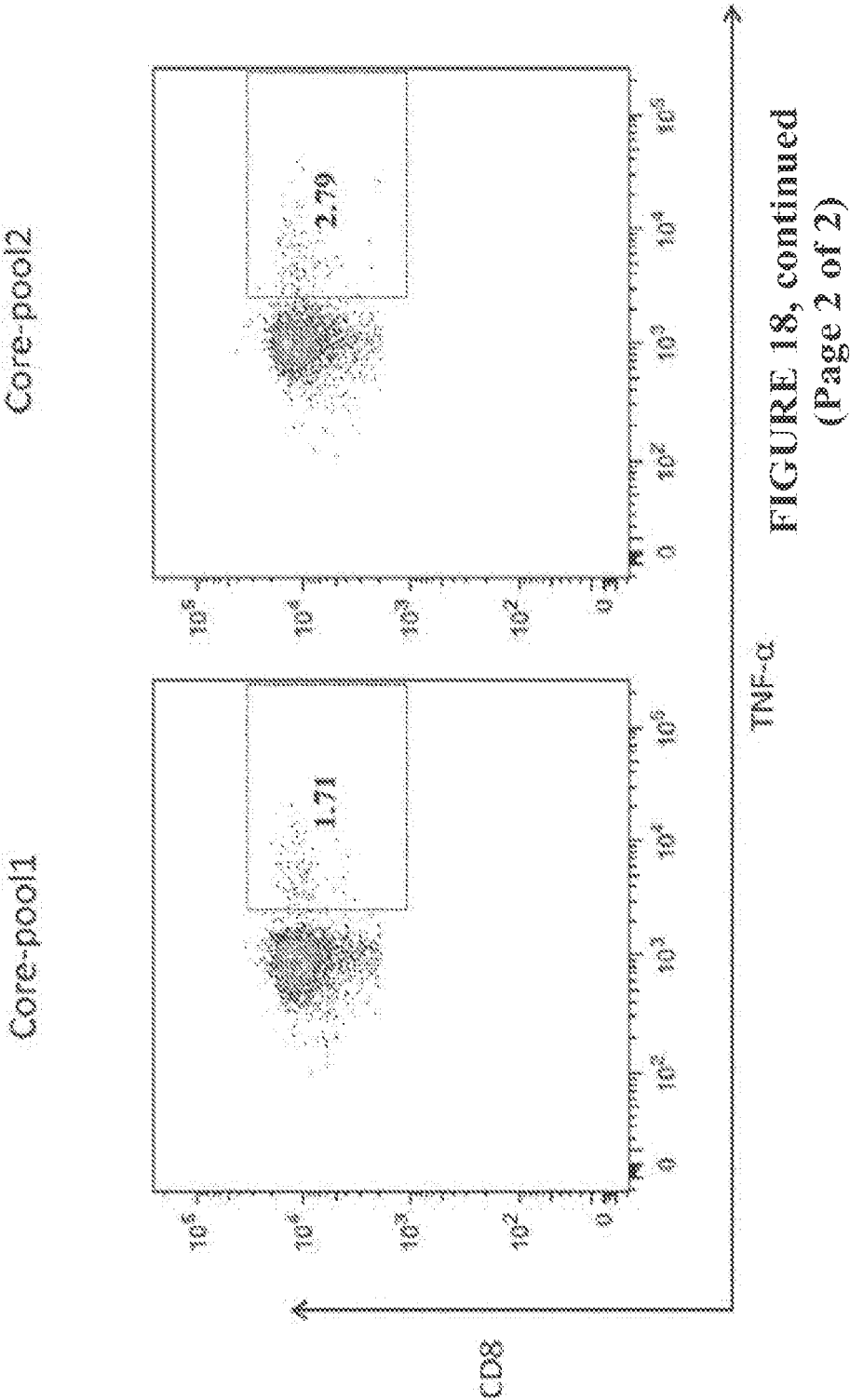


FIGURE 18, continued
(Page 2 of 2)

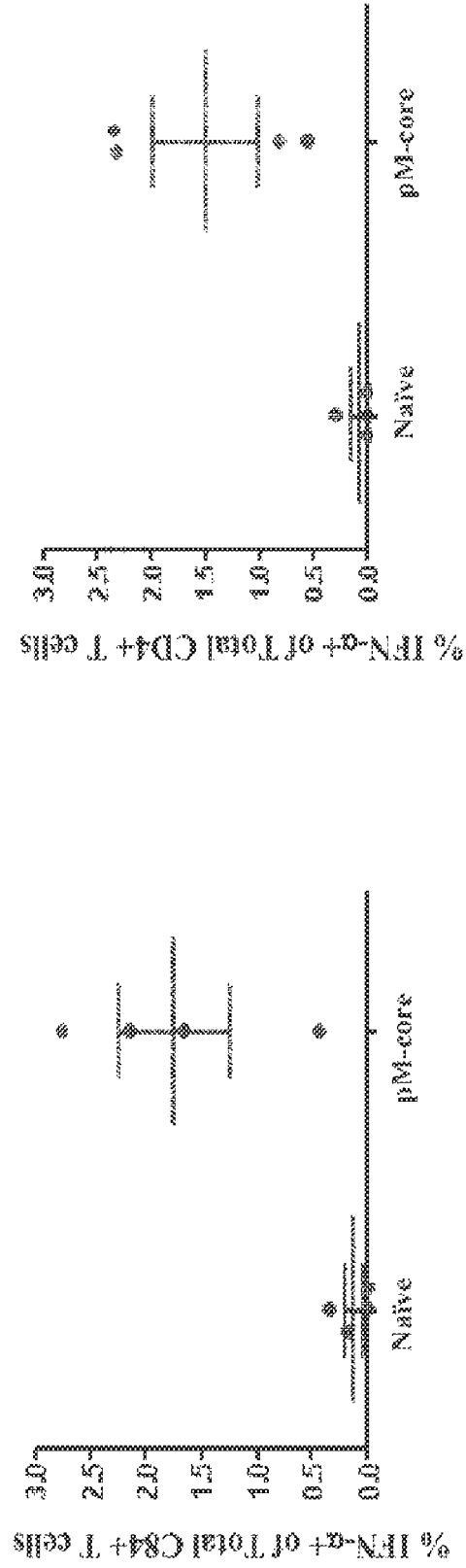
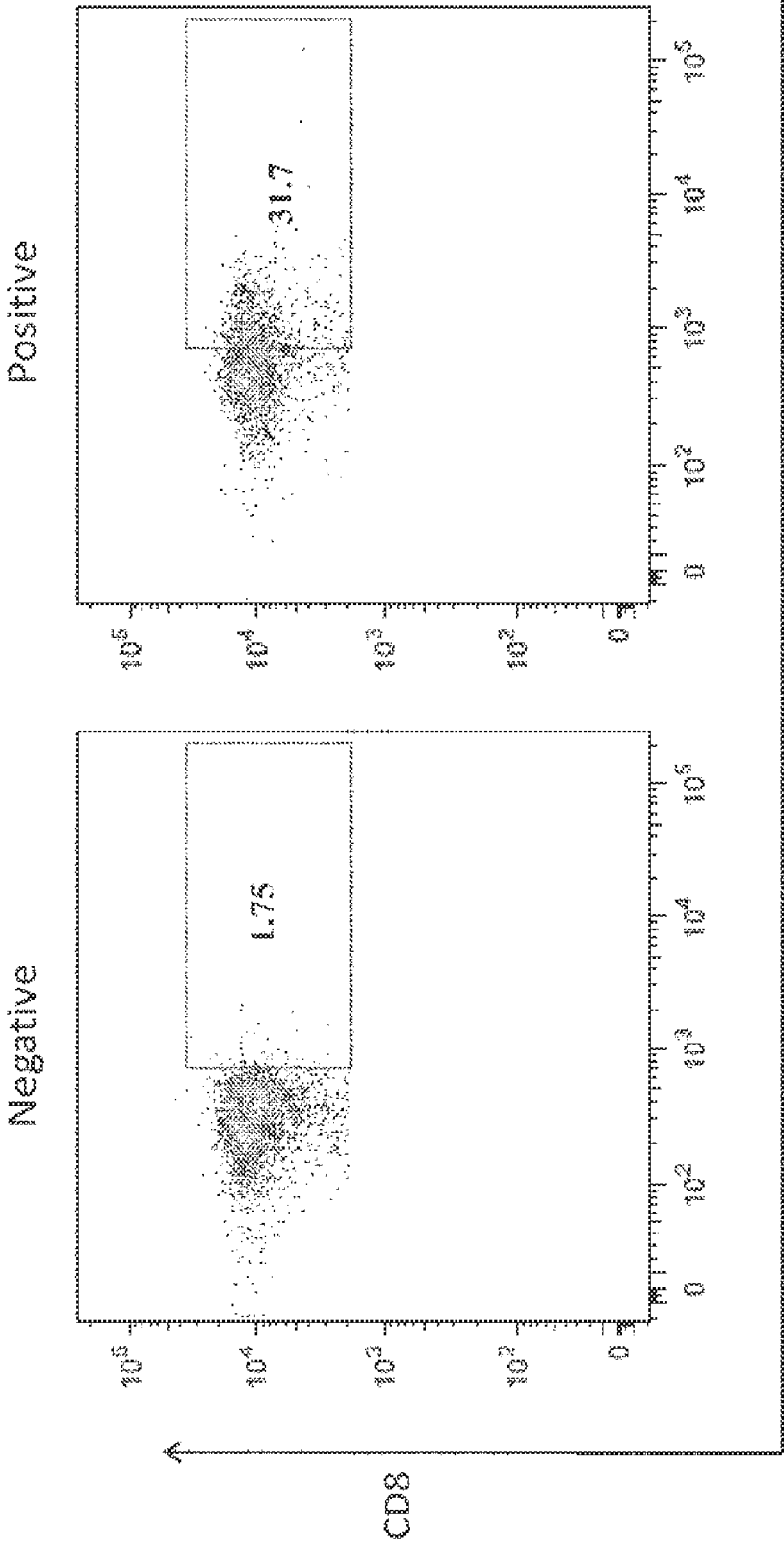
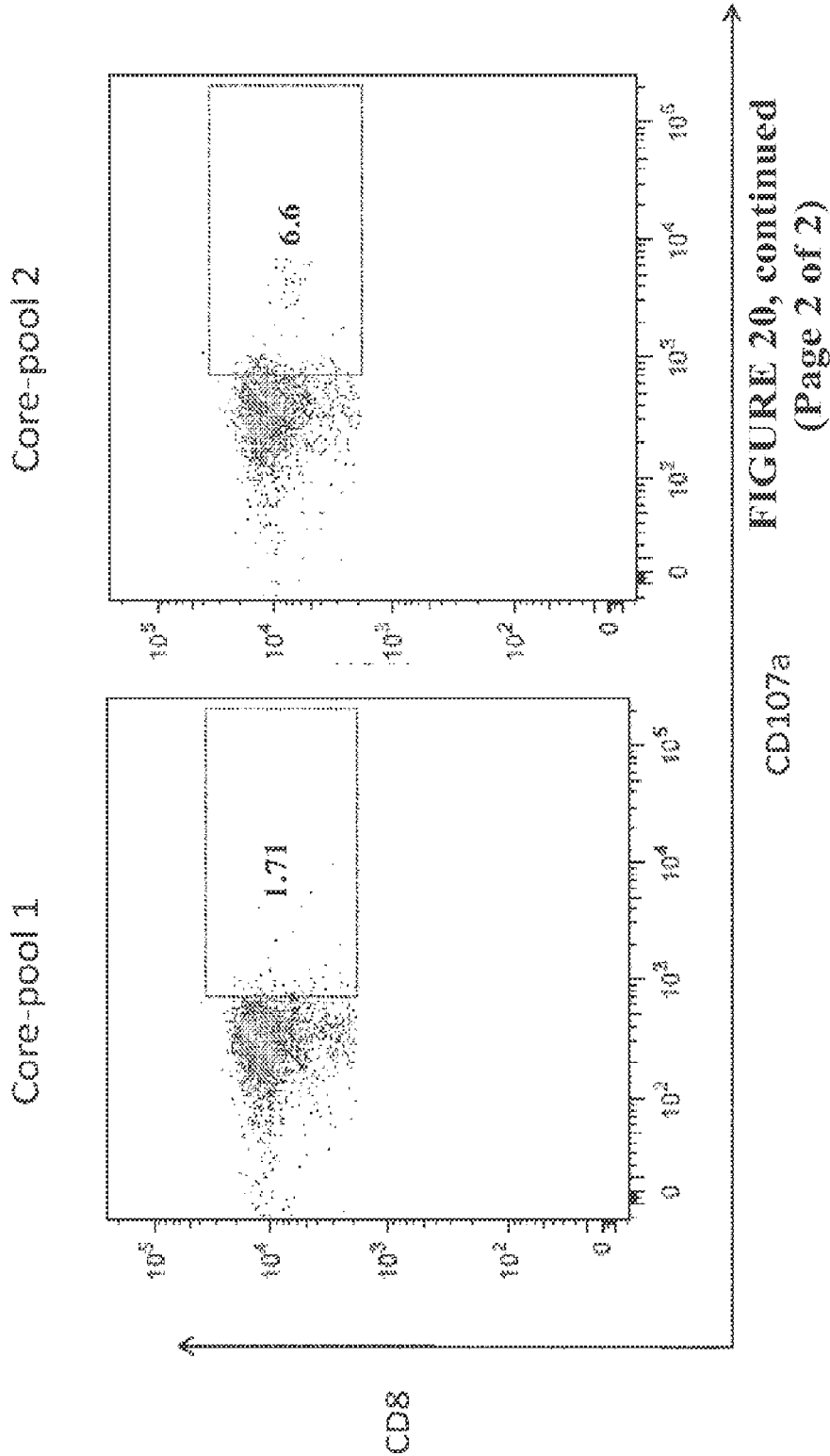


FIGURE 19



CD107a **FIGURE 20**
(Page 1 of 2)



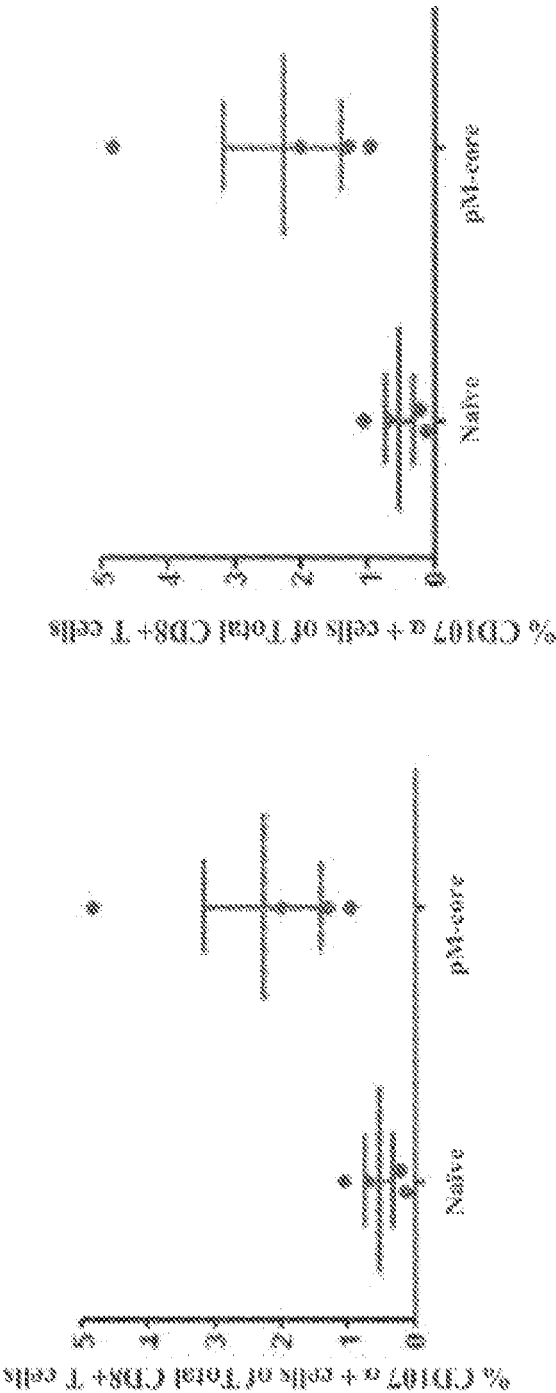


FIGURE 21

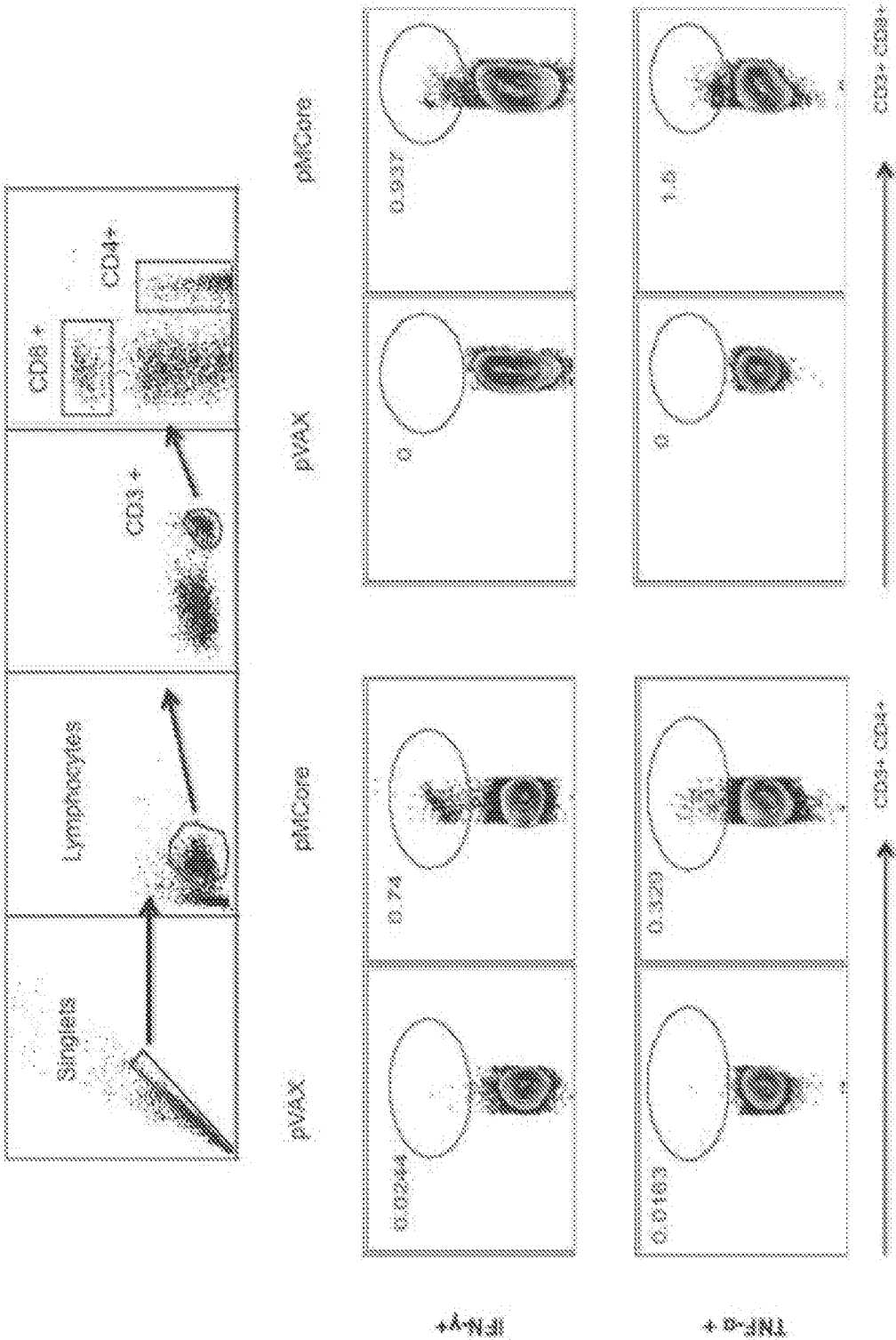


FIGURE 22

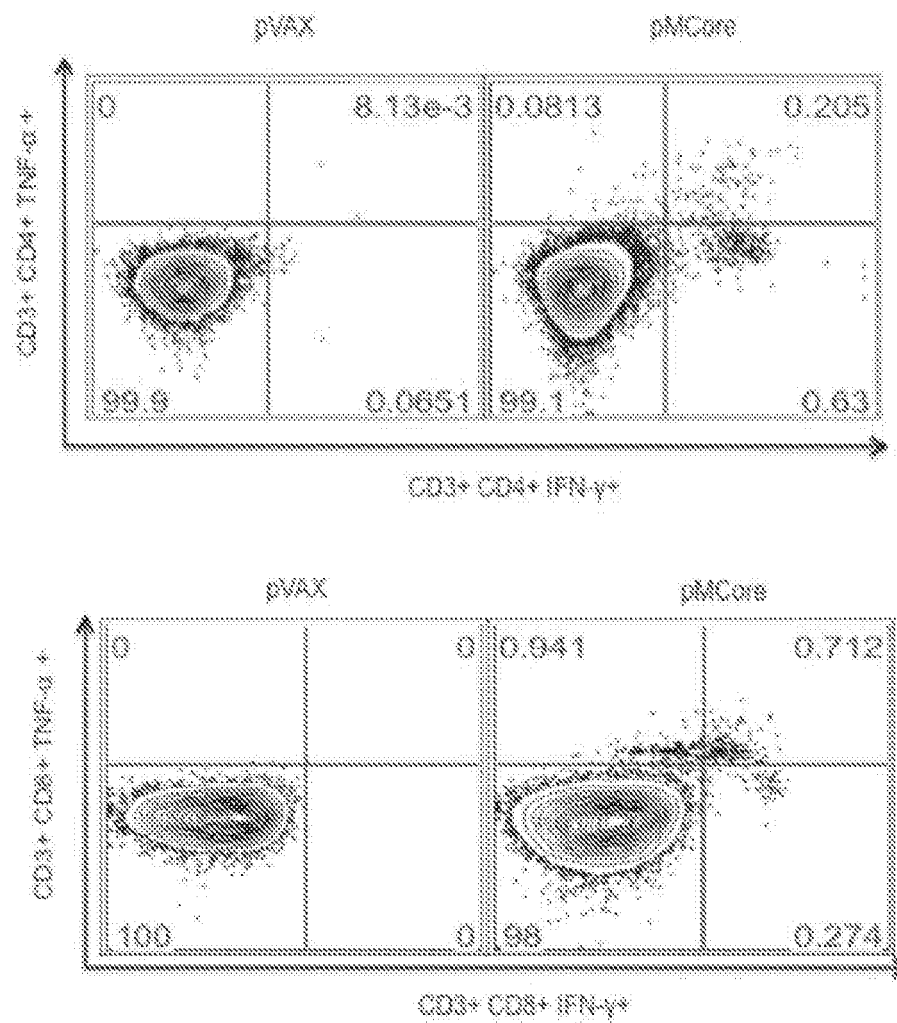


FIGURE 23

pVAX

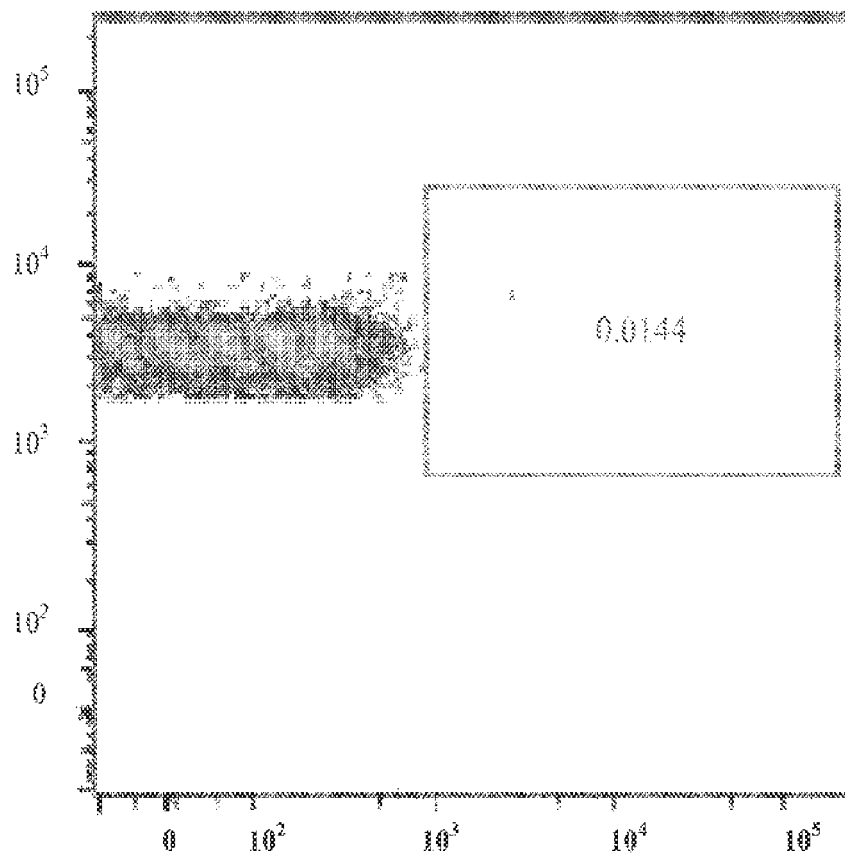


FIGURE 24
(Page 1 of 3)

pMCore

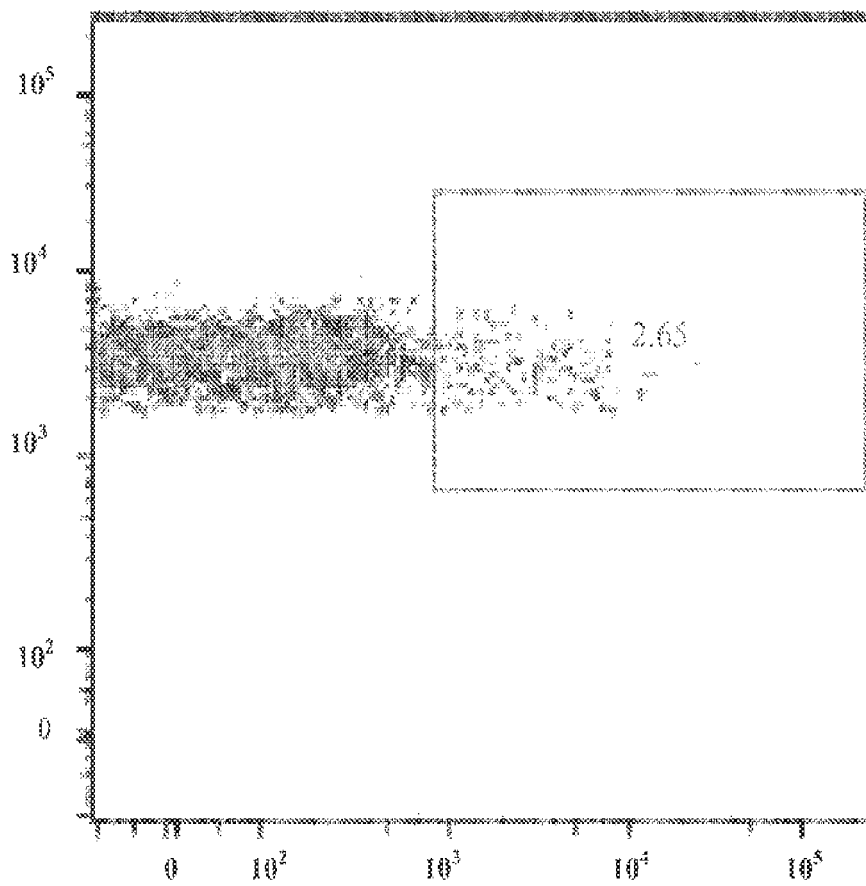


FIGURE 24, continued
(Page 2 of 3)

Pos. Control

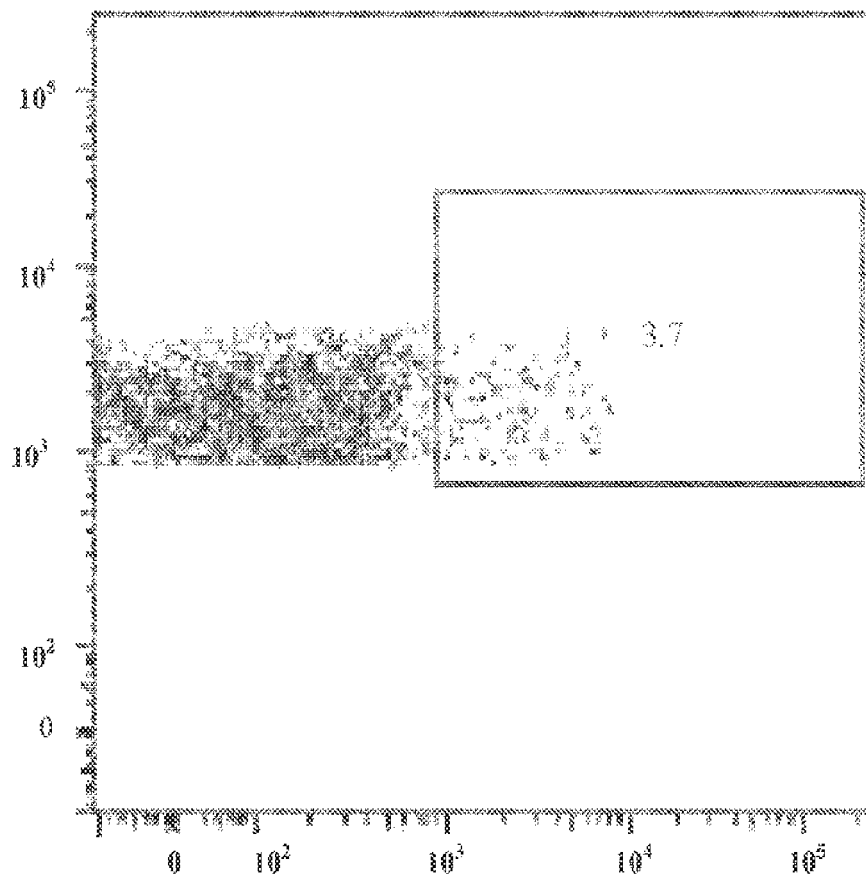


FIGURE 24, continued
(Page 3 of 3)

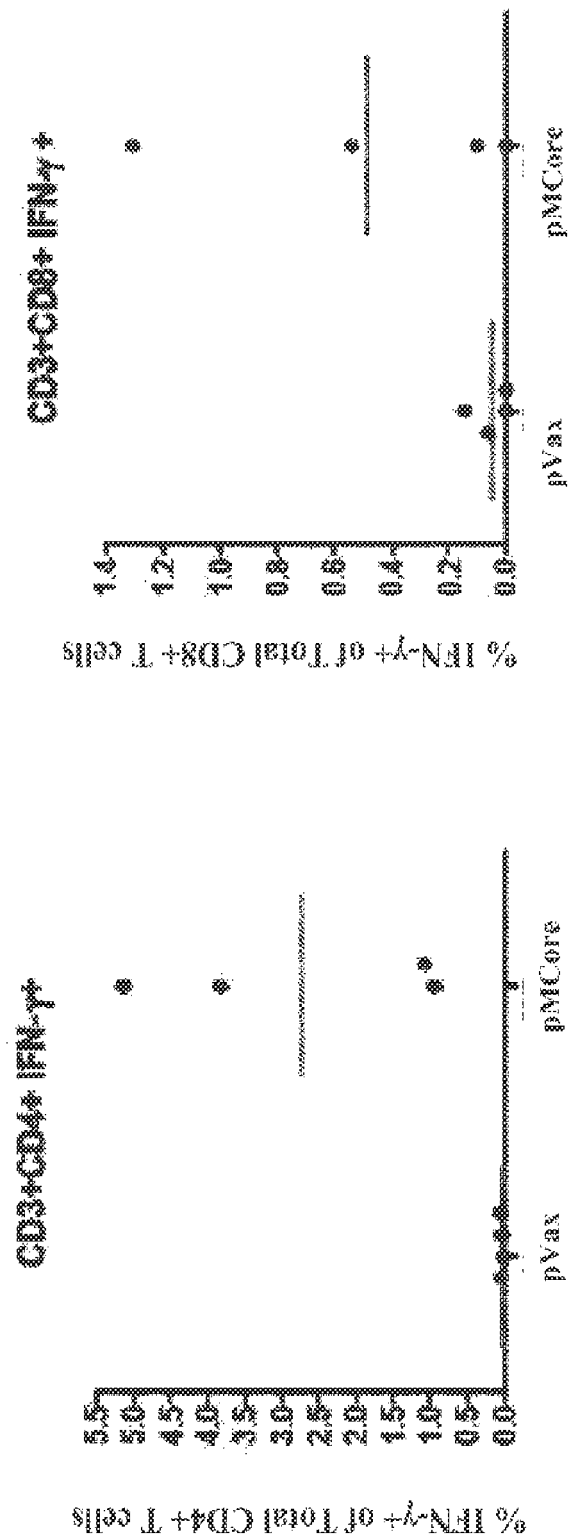


FIGURE 25

pVAX

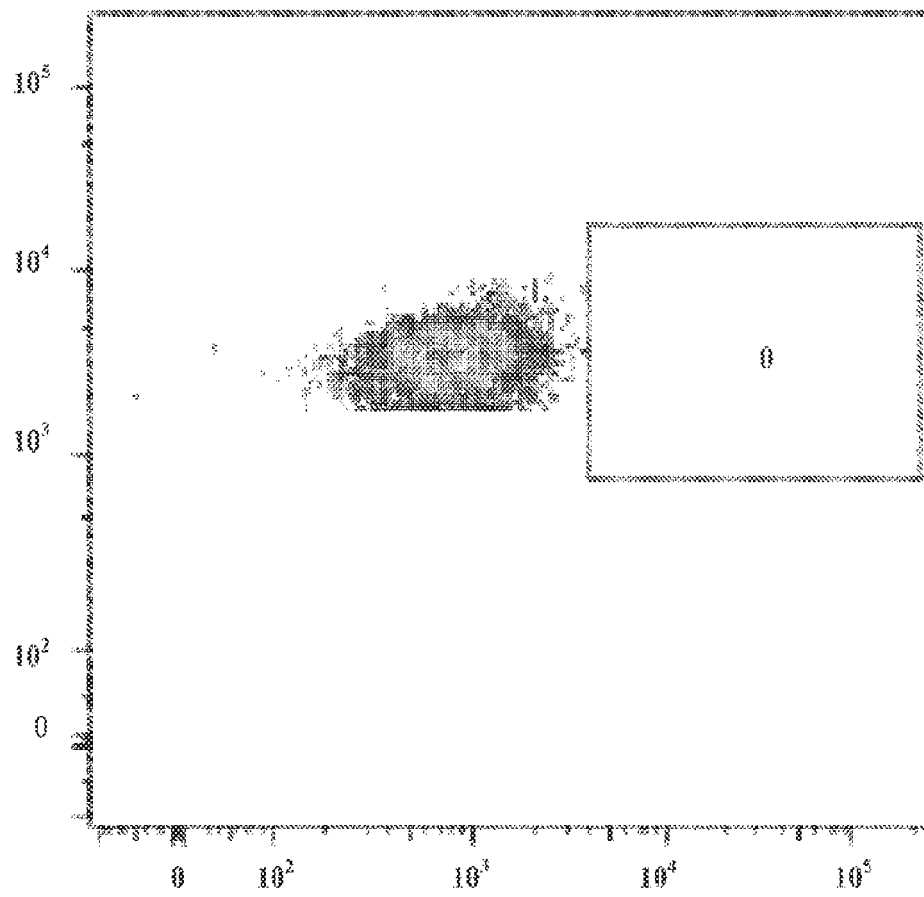


FIGURE 26
(Page 1 of 3)

pMCore

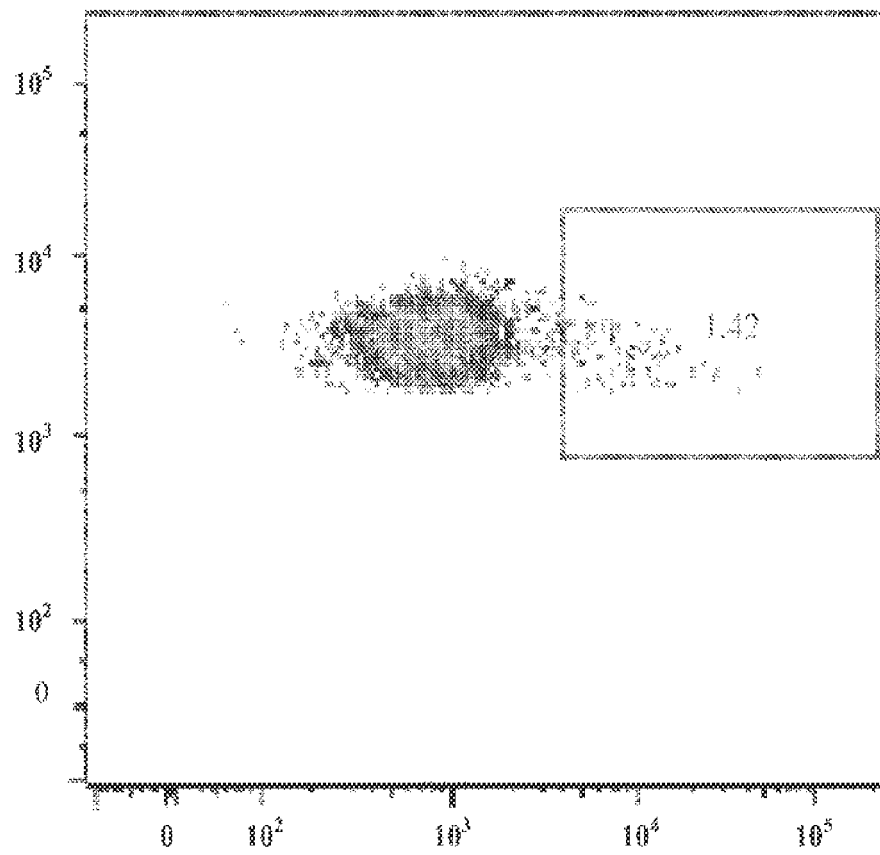


FIGURE 26, continued
(Page 2 of 3)

Pos. Control

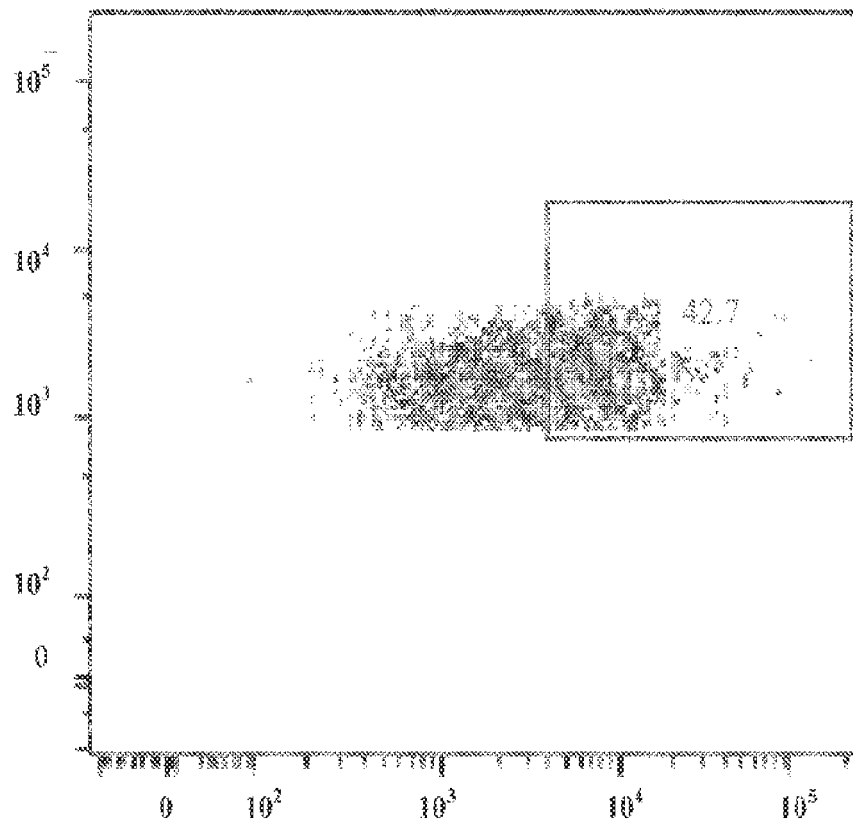
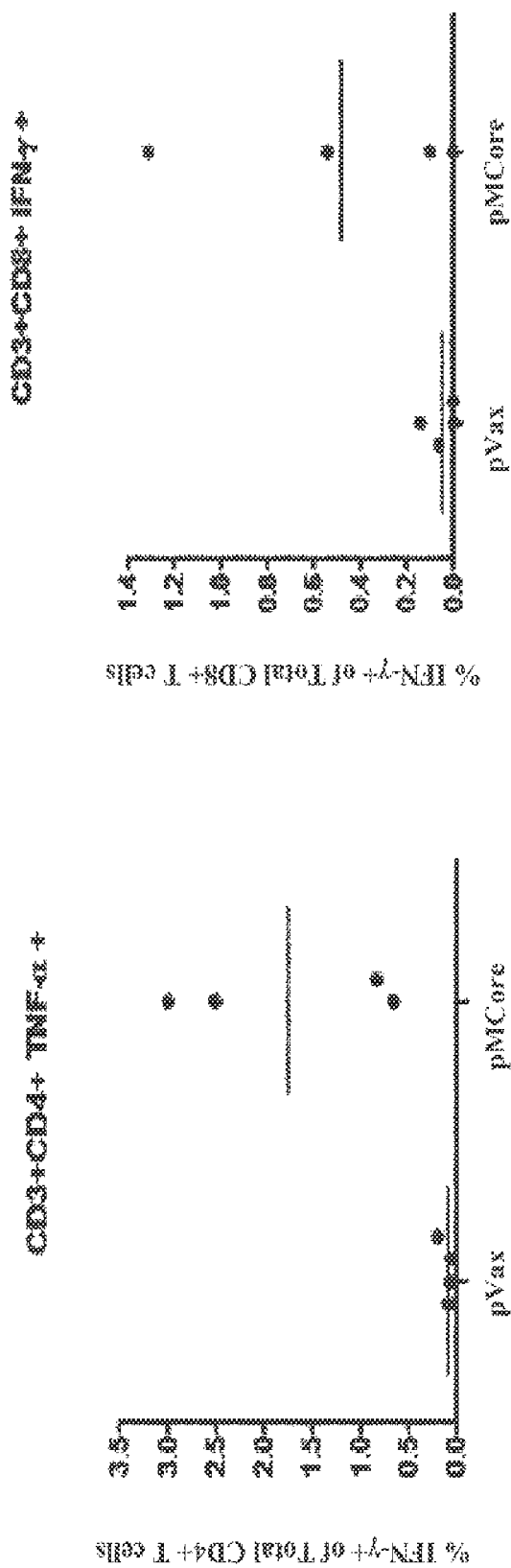


FIGURE 26, continued
(Page 3 of 3)



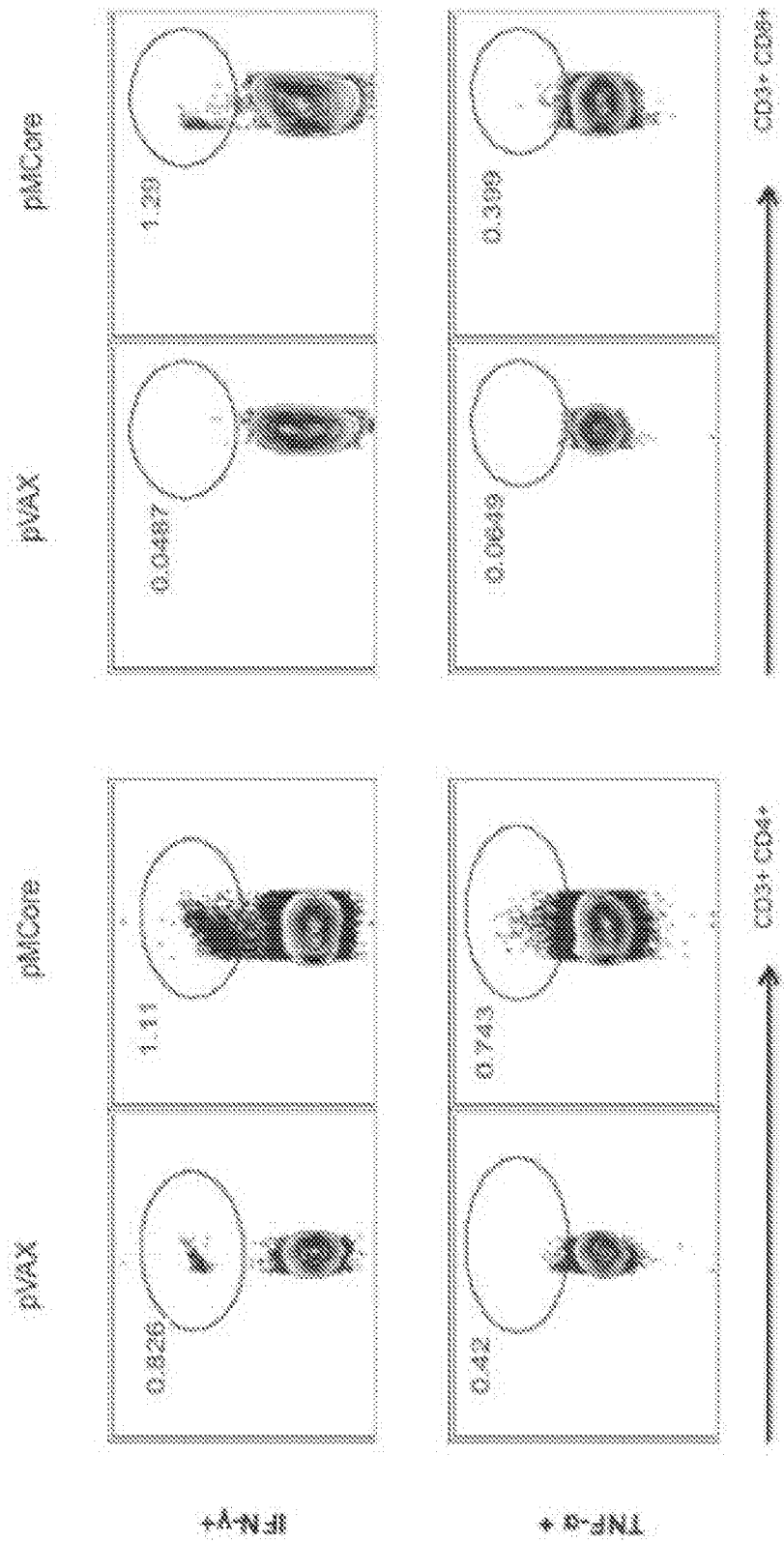


FIGURE 28

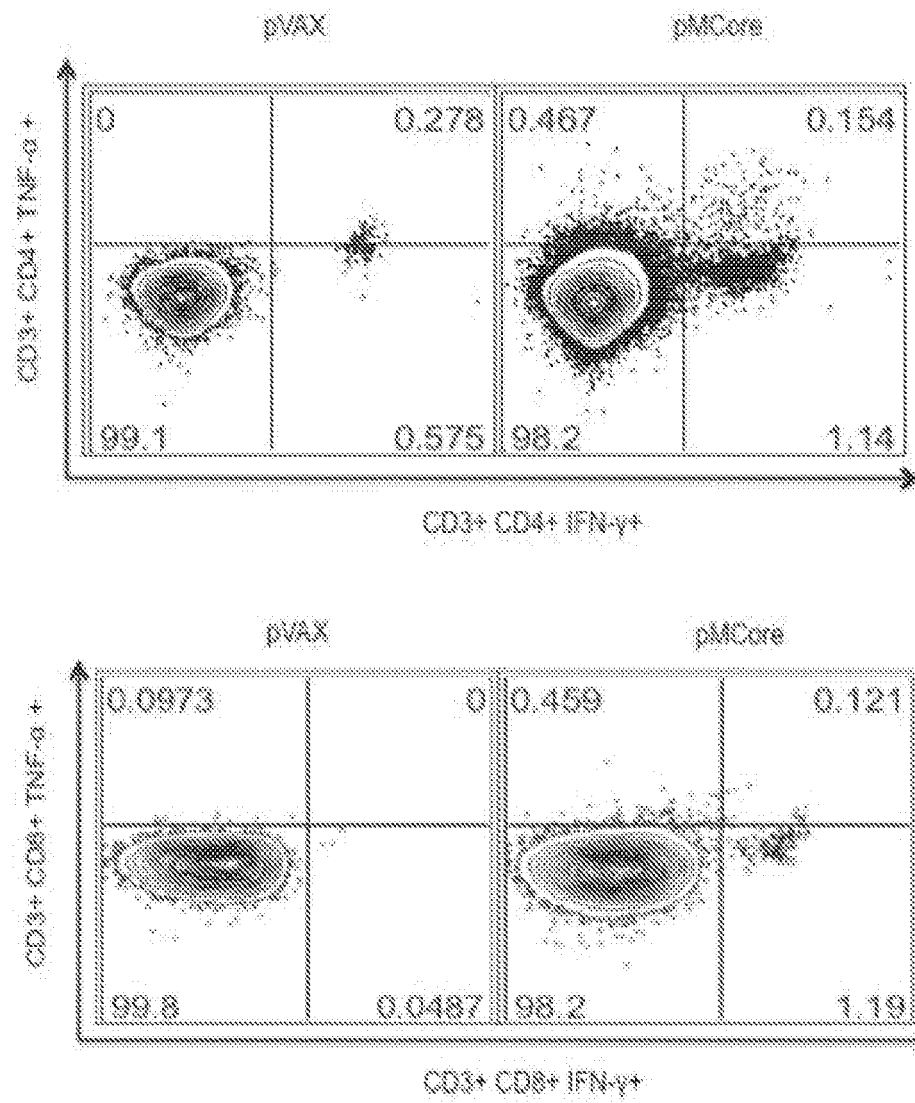


FIGURE 29

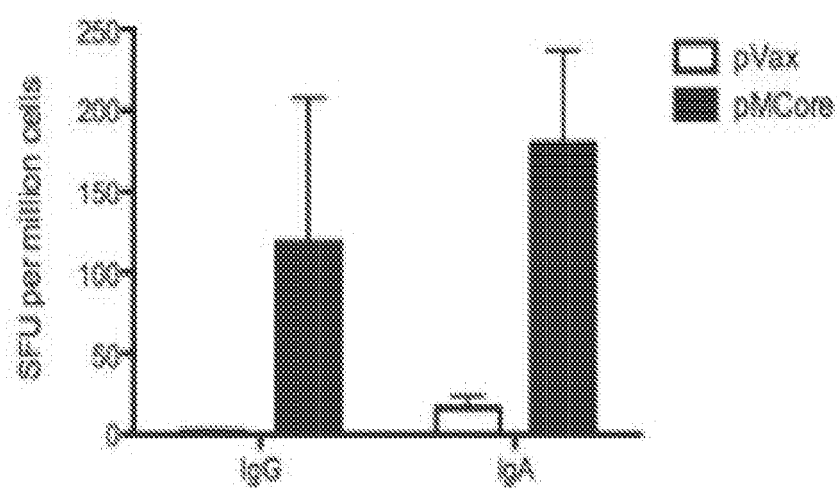


FIGURE 30

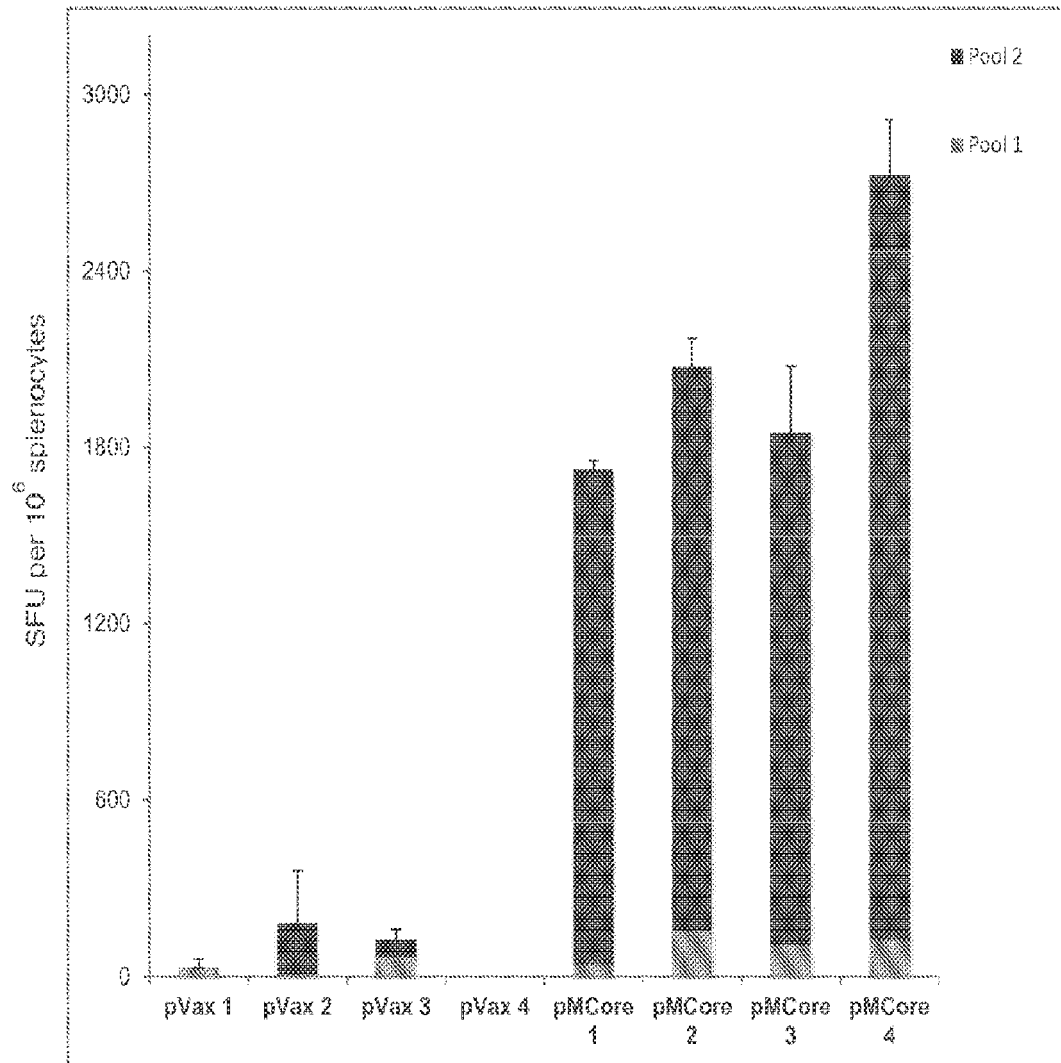


FIGURE 31

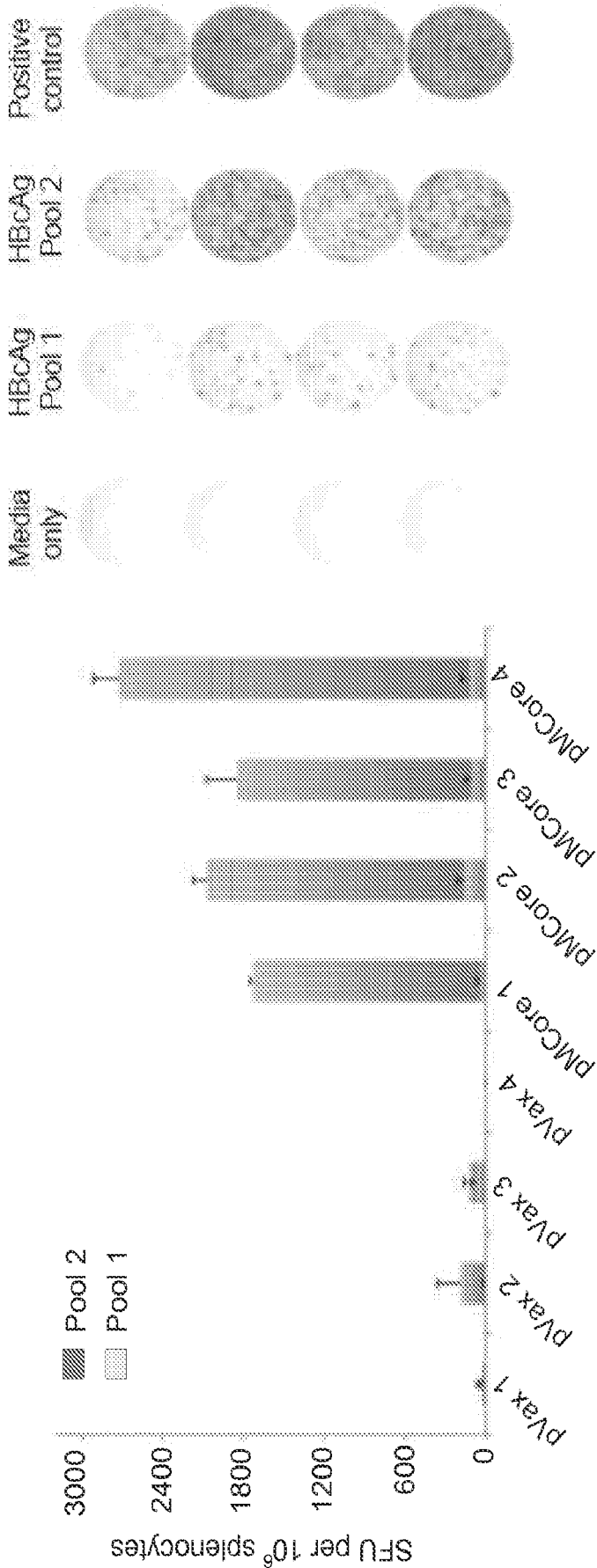


FIGURE 32

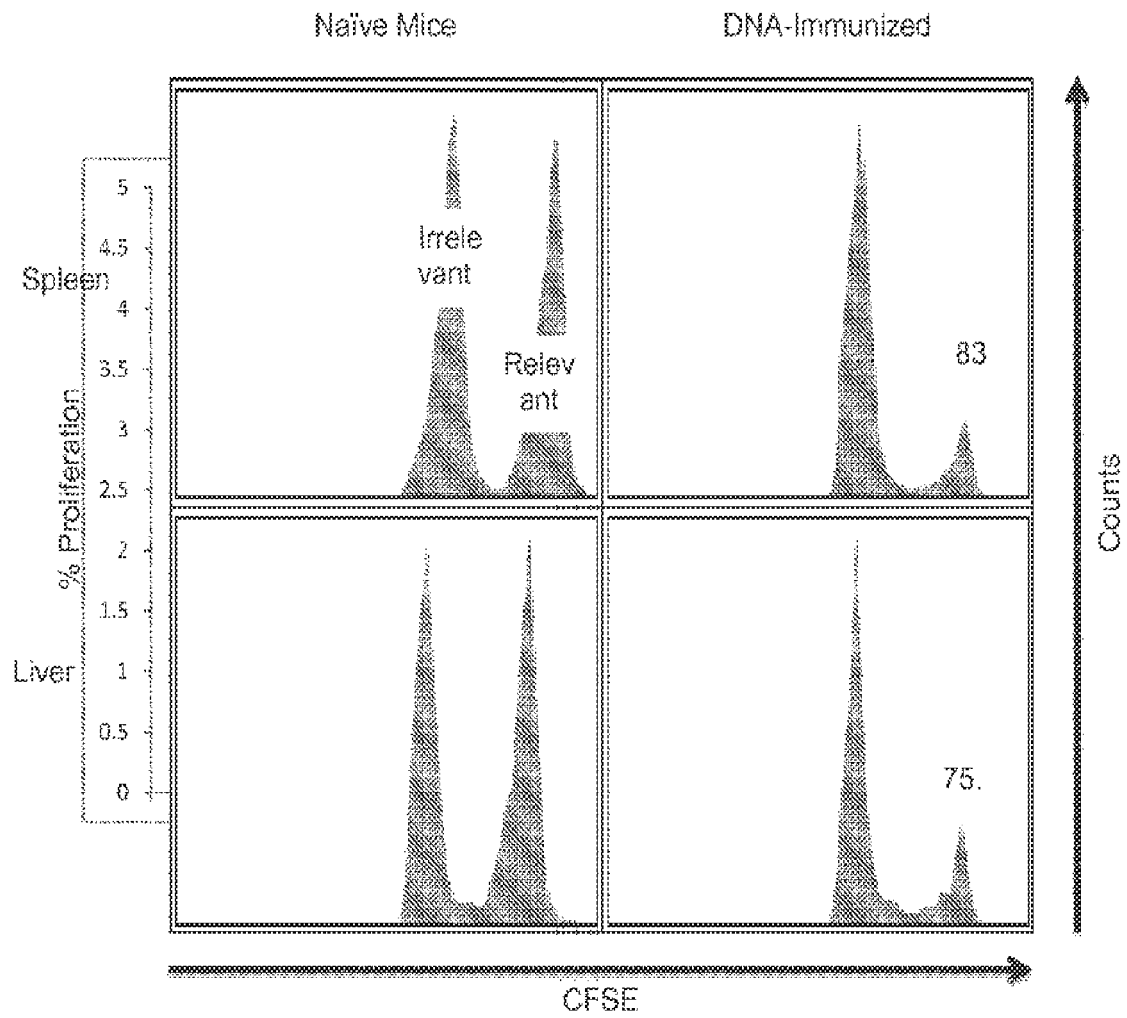


FIGURE 33

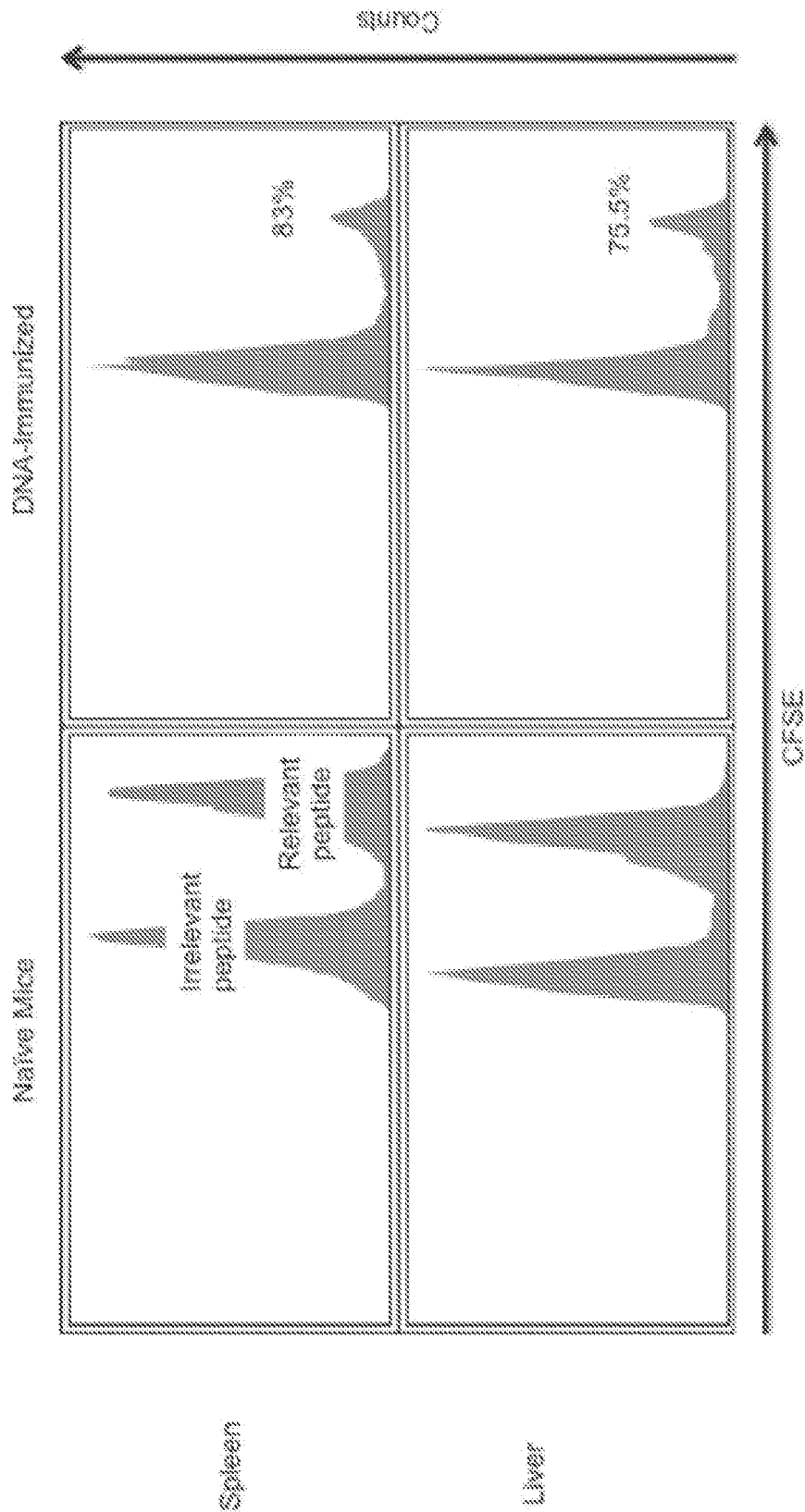


FIGURE 34

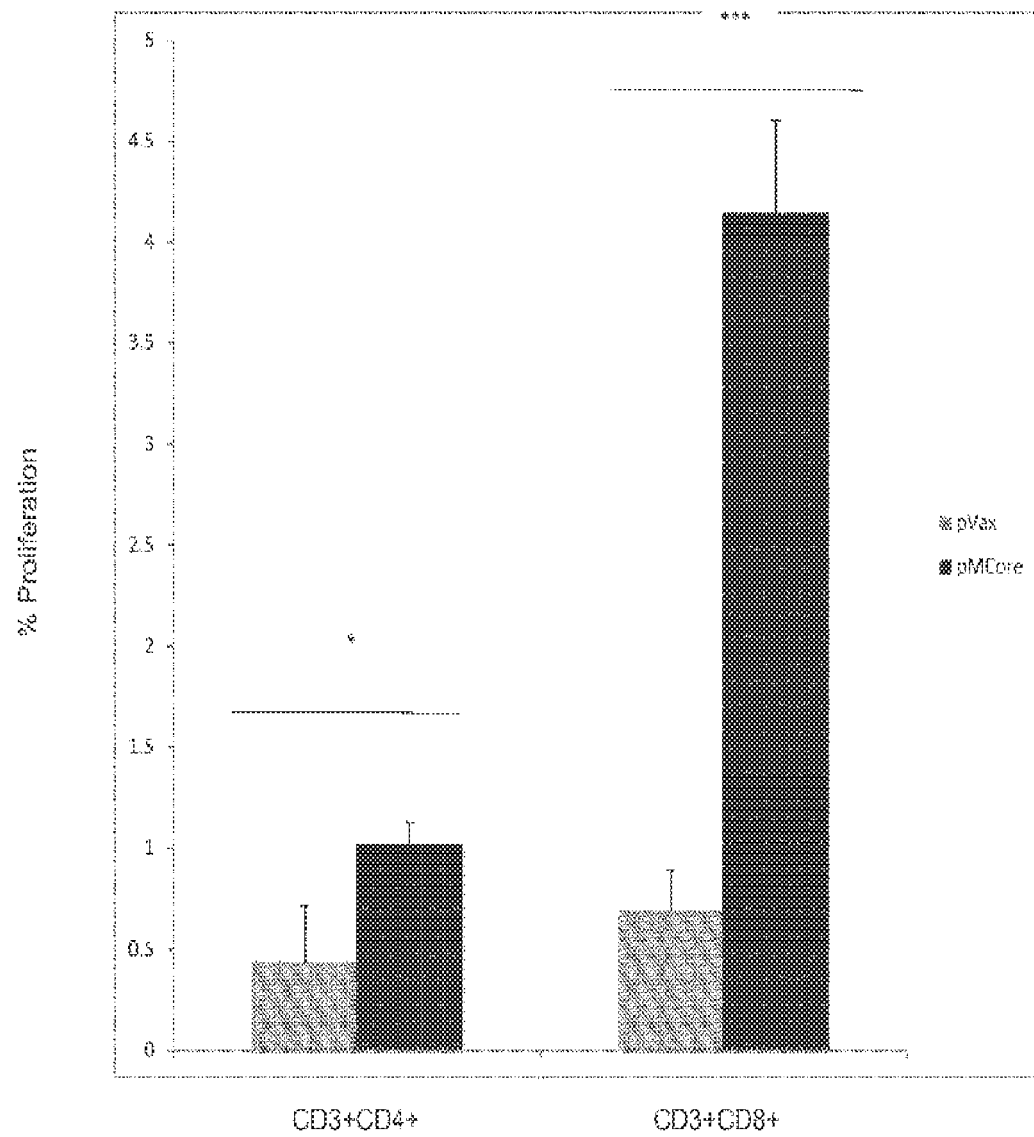


FIGURE 35

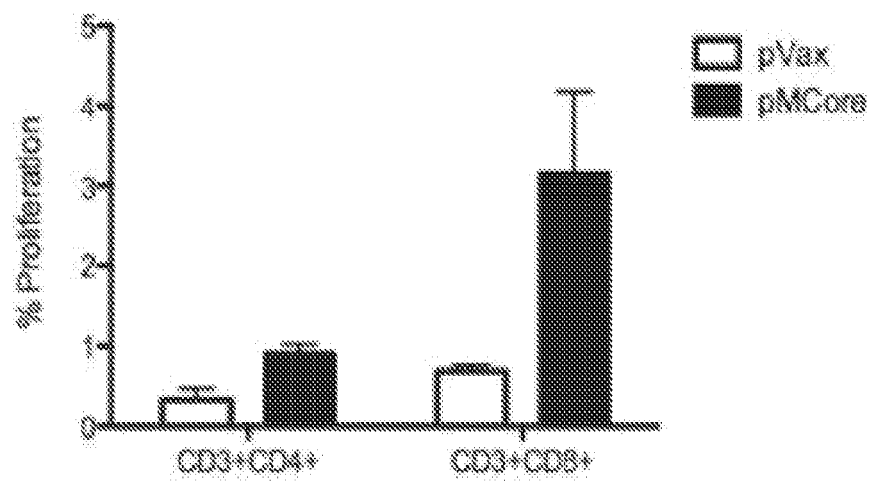


FIGURE 36

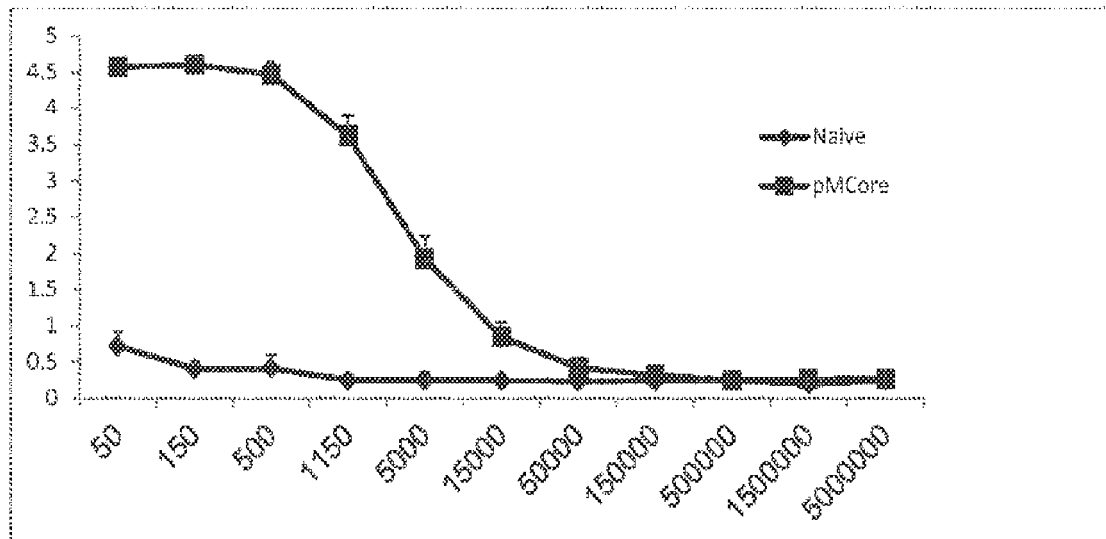


FIGURE 37A

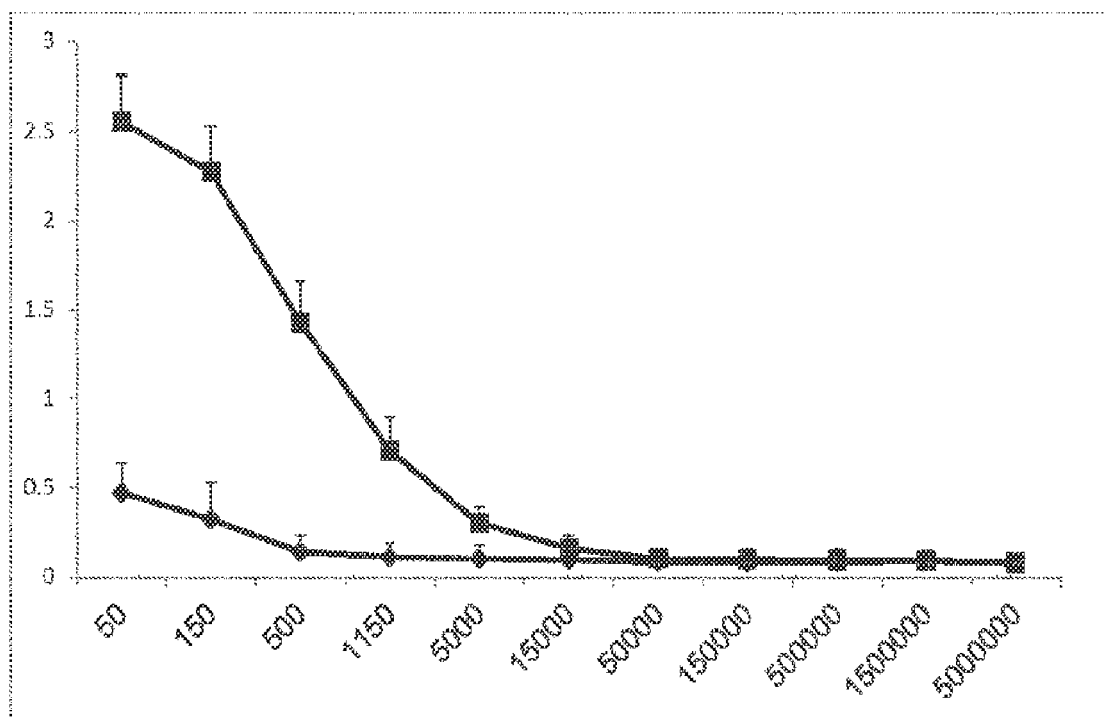


FIGURE 37B

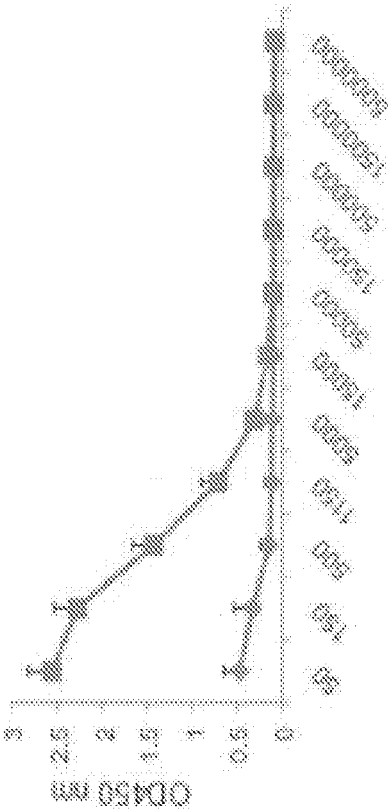
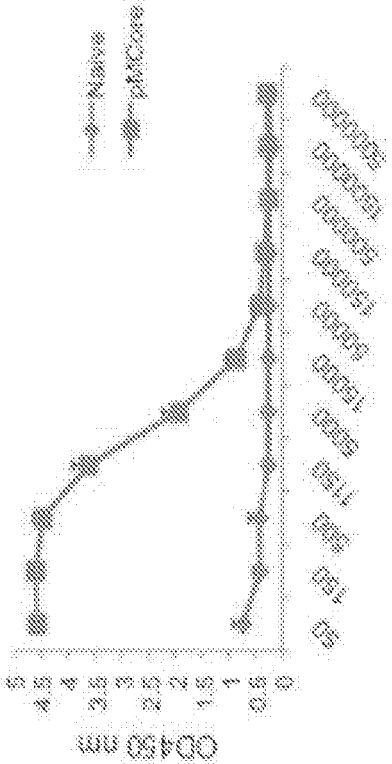
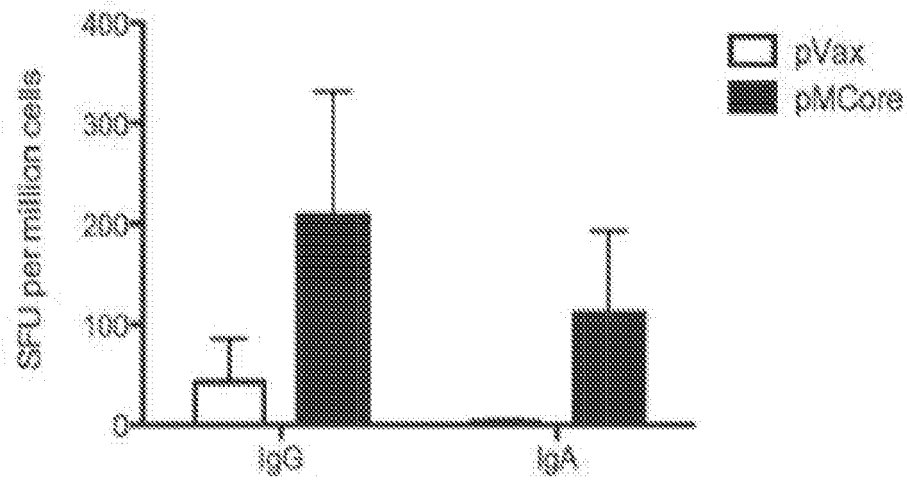
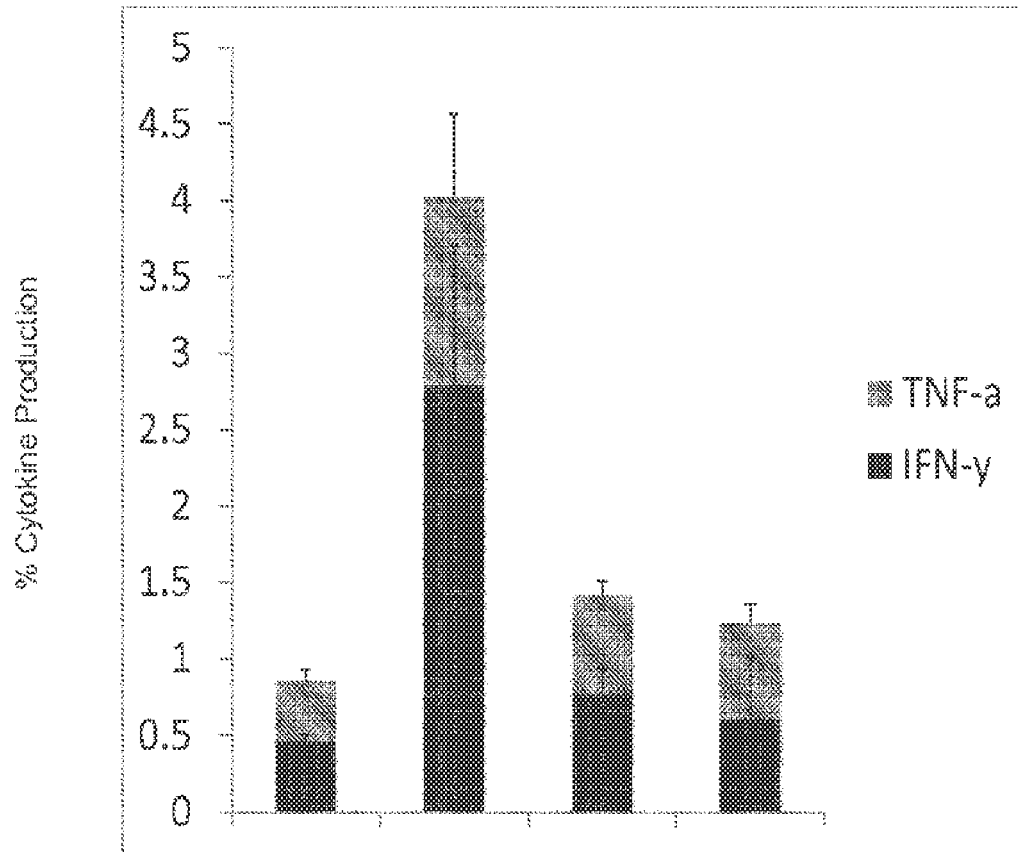
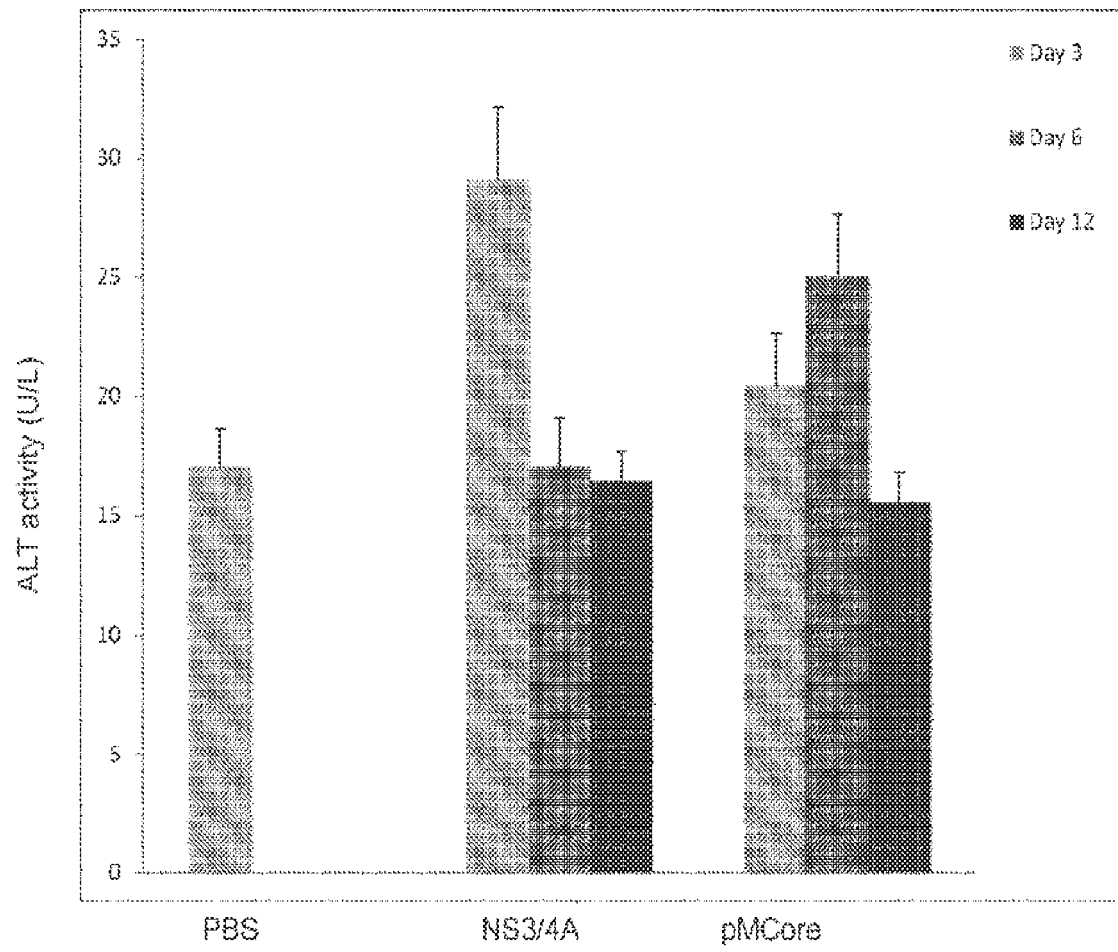


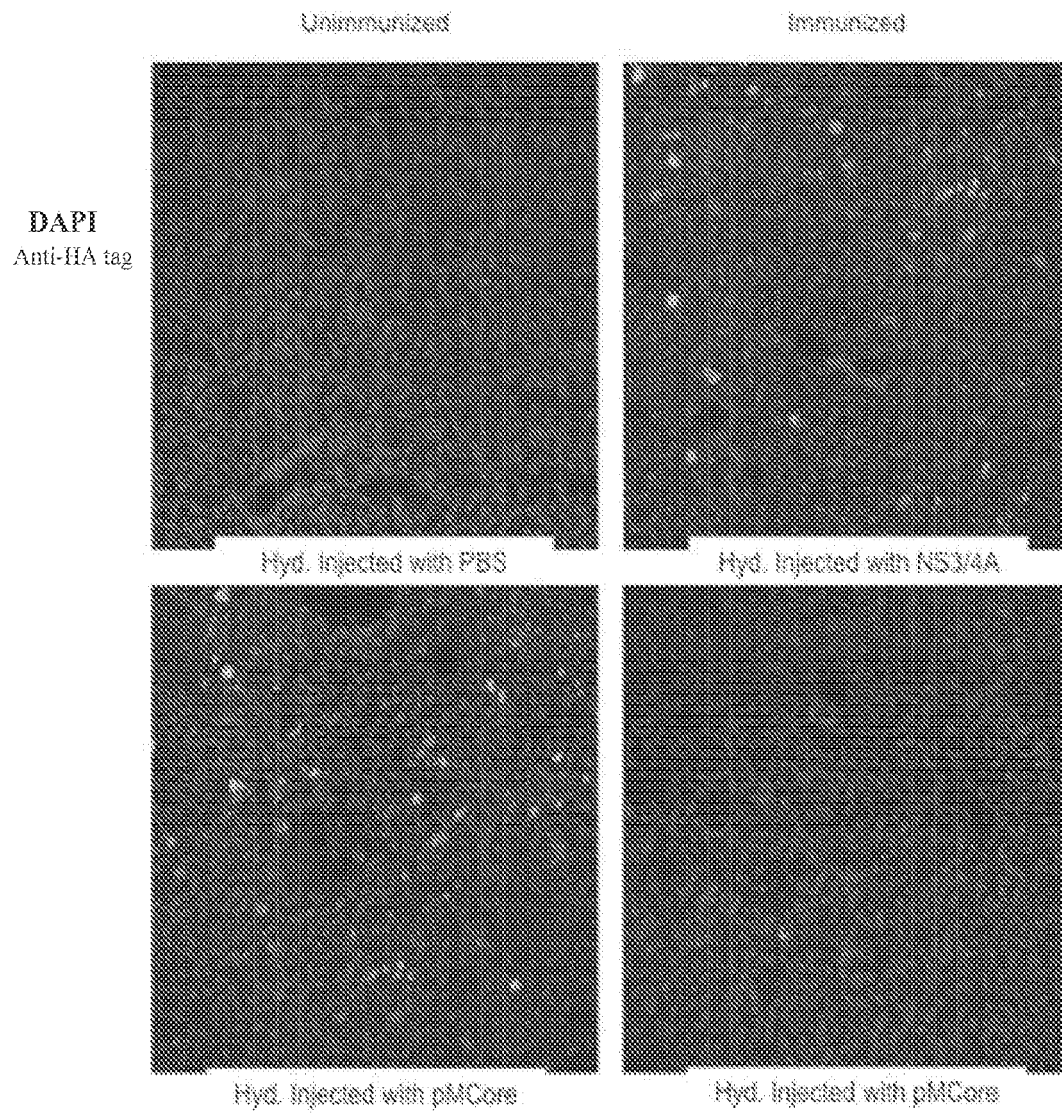
FIGURE 38



**FIGURE 39**

**FIGURE 40**

**FIGURE 41**

**FIGURE 42**

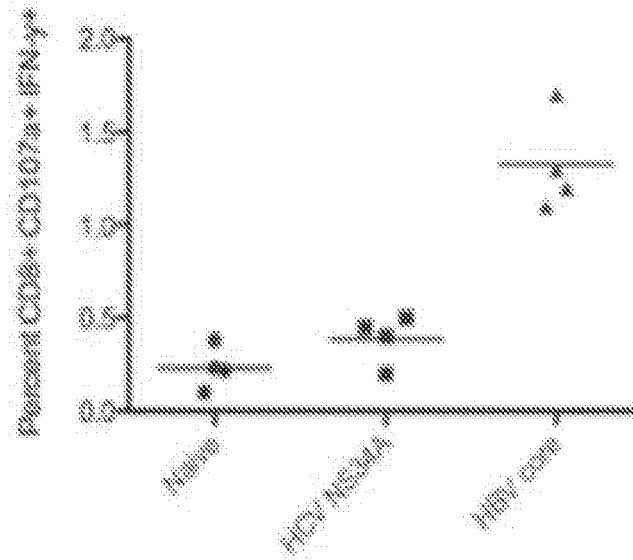


FIGURE 43

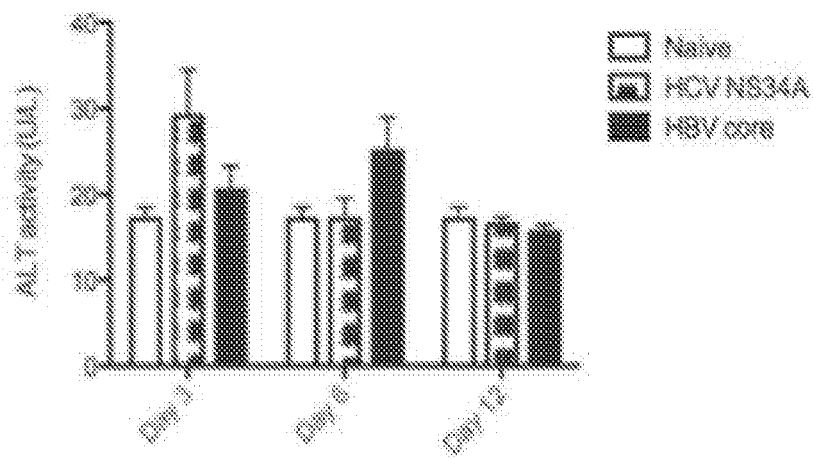


FIGURE 44

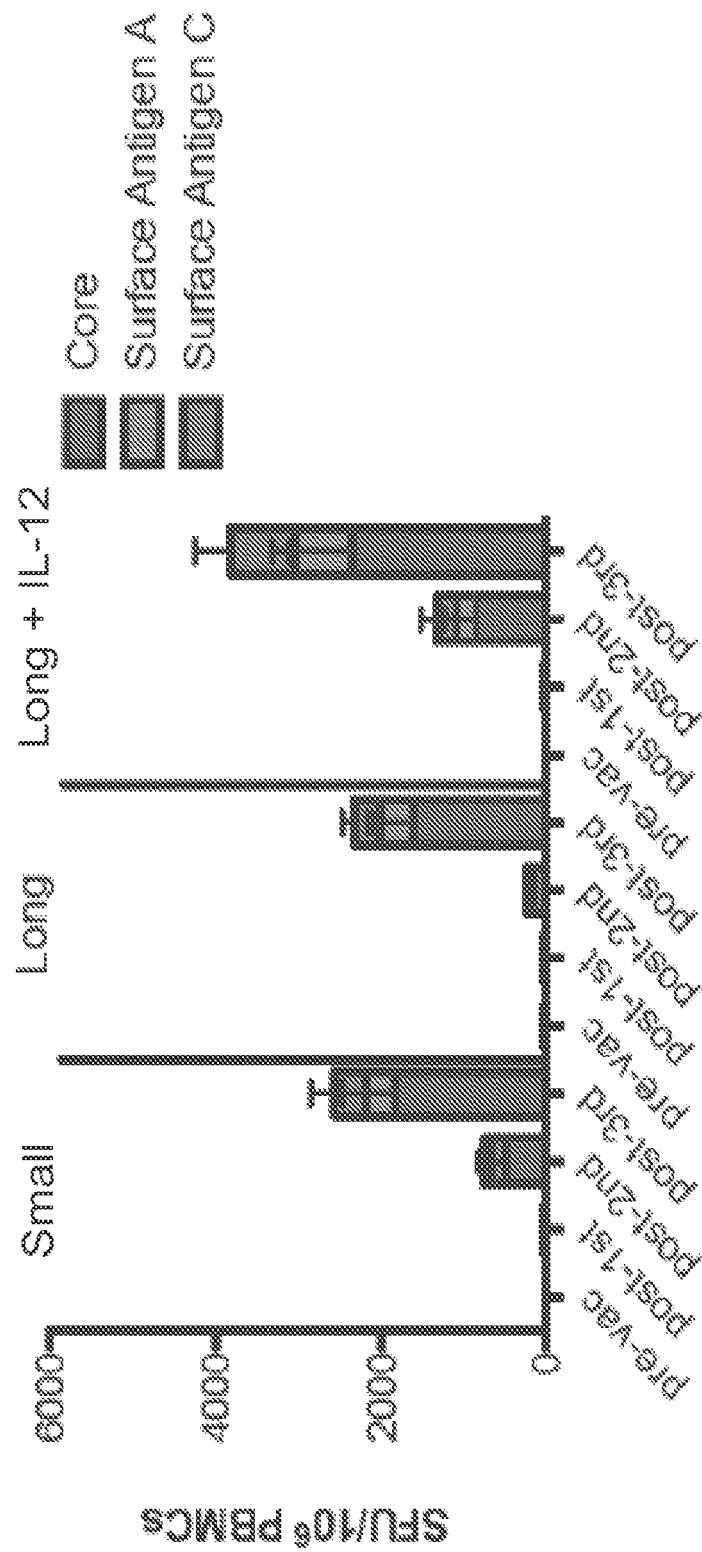


FIGURE 45

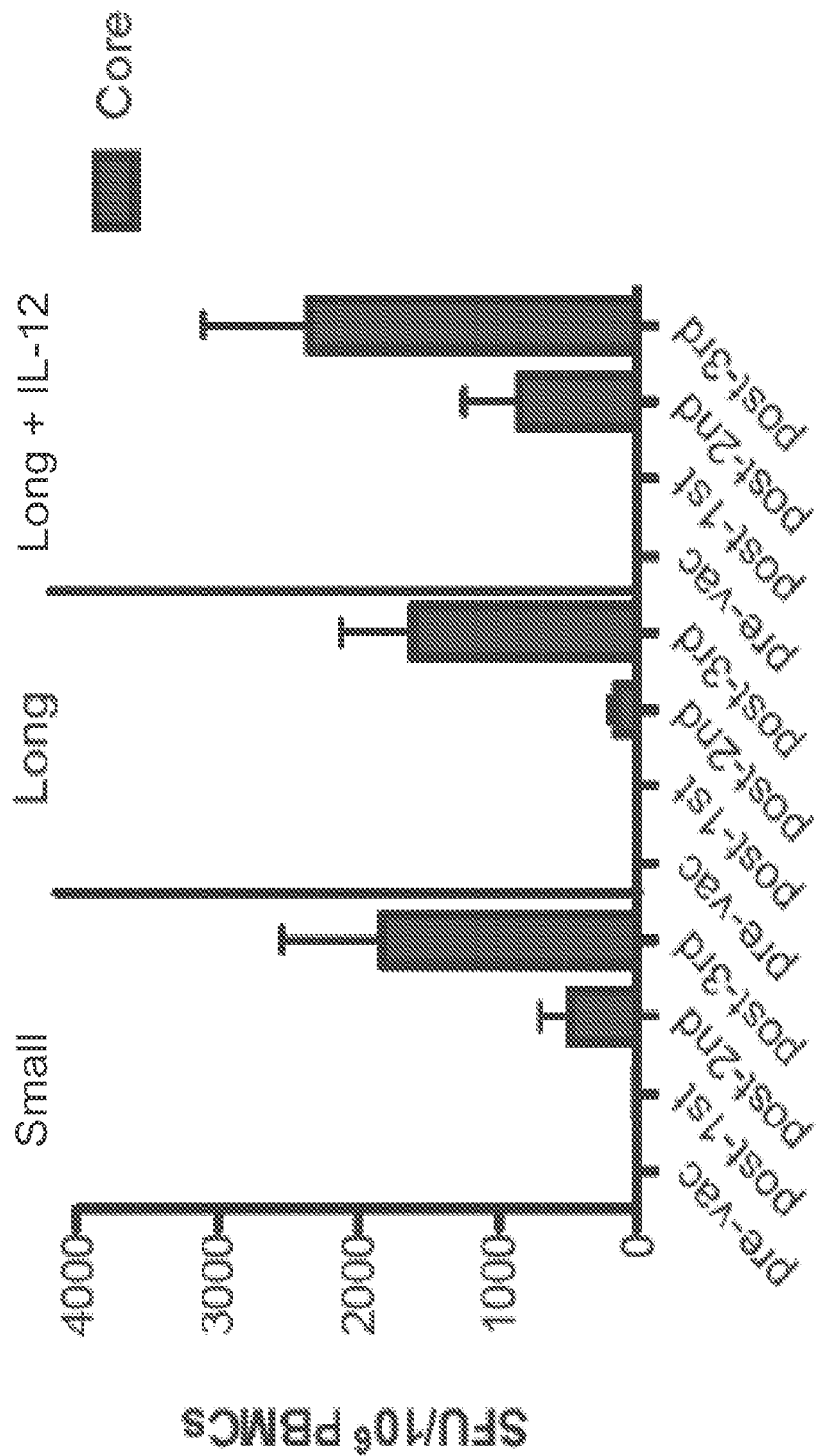


FIGURE 46

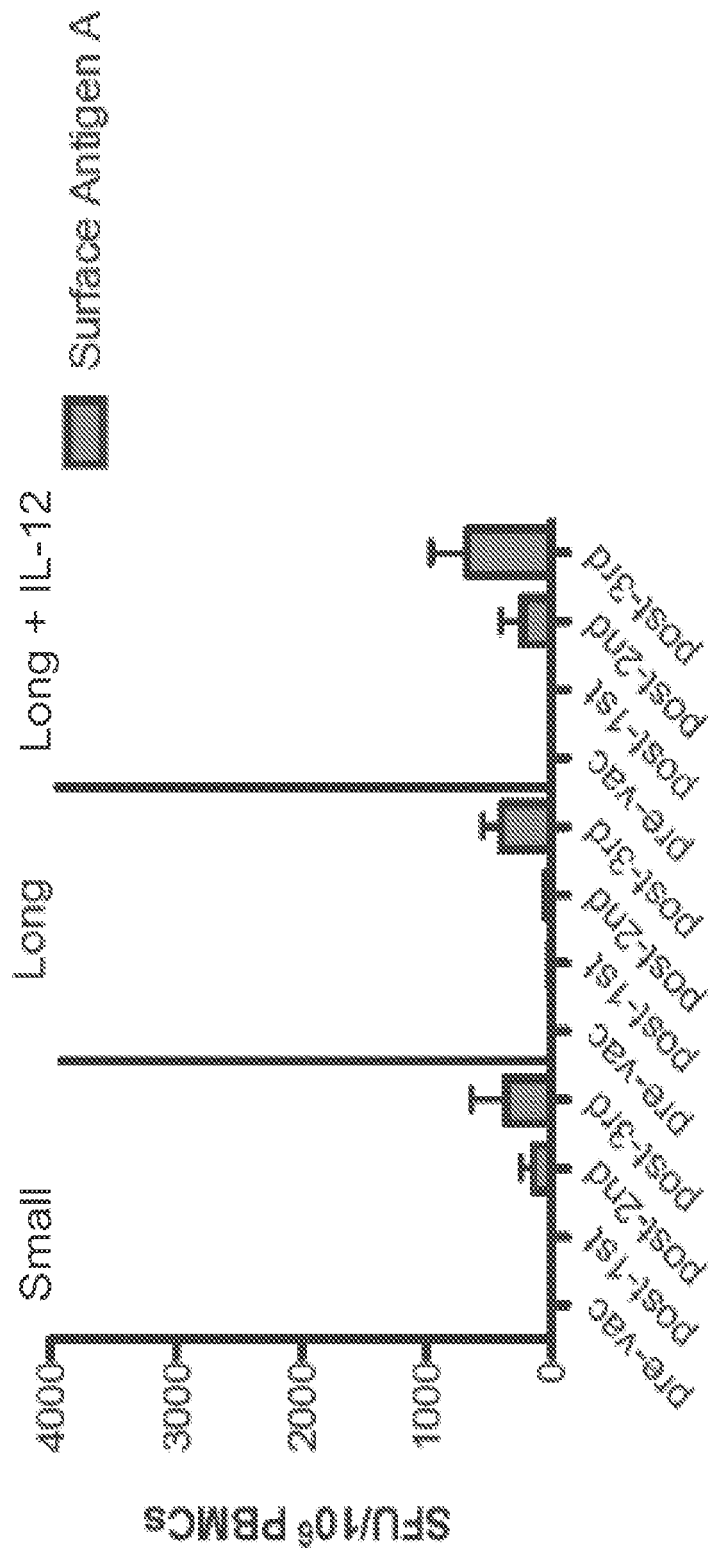


FIGURE 47

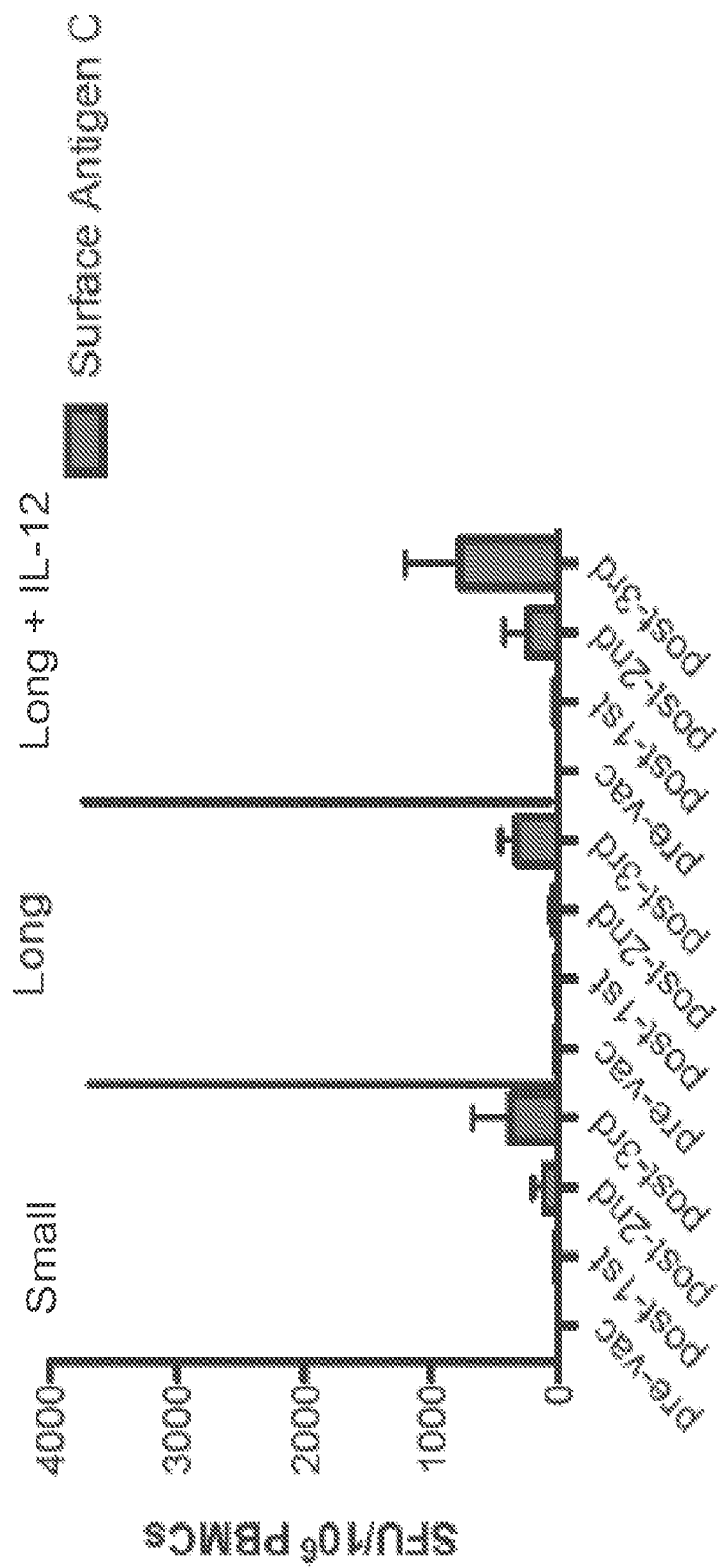


FIGURE 48

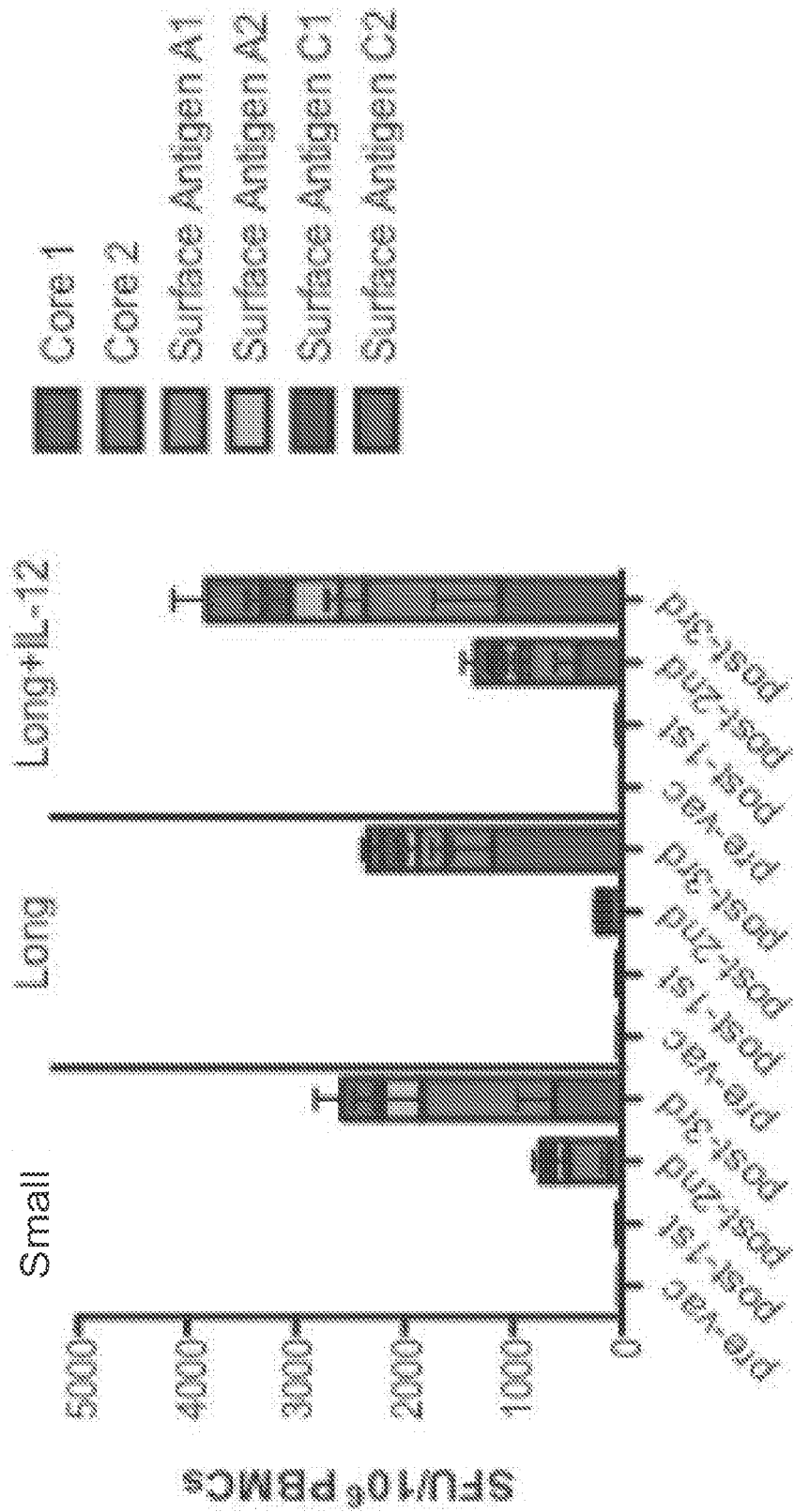


FIGURE 49

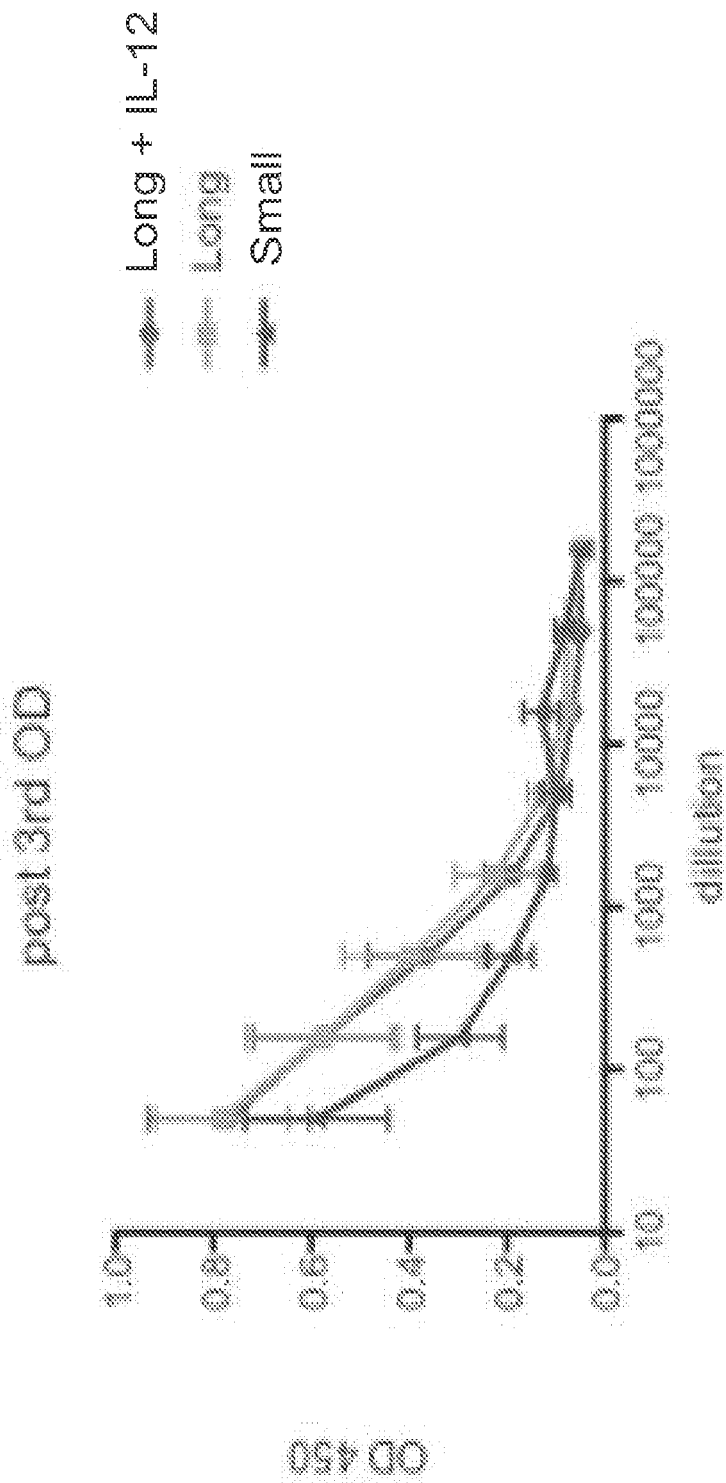


FIGURE 50

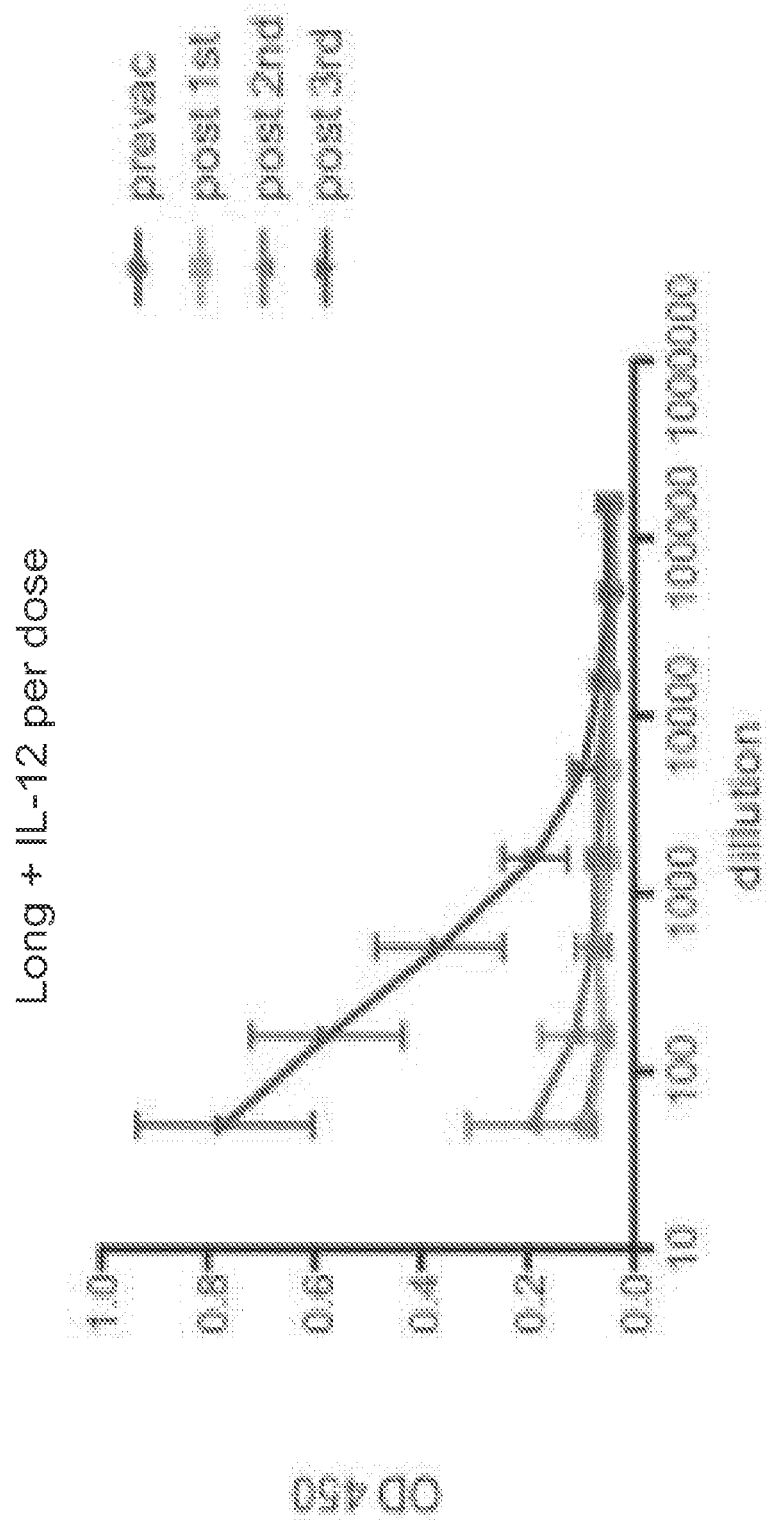


FIGURE 51

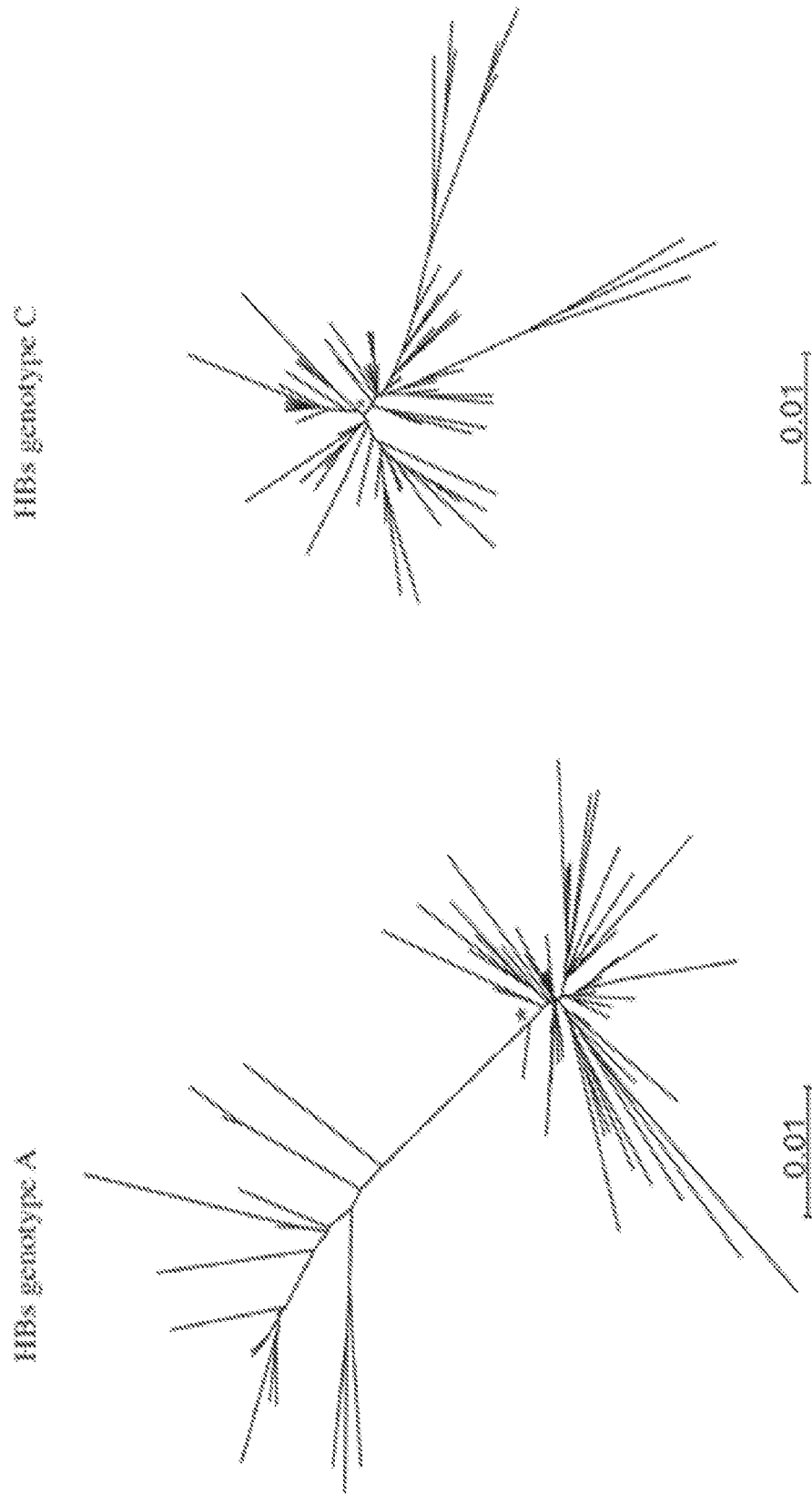


Figure 52A

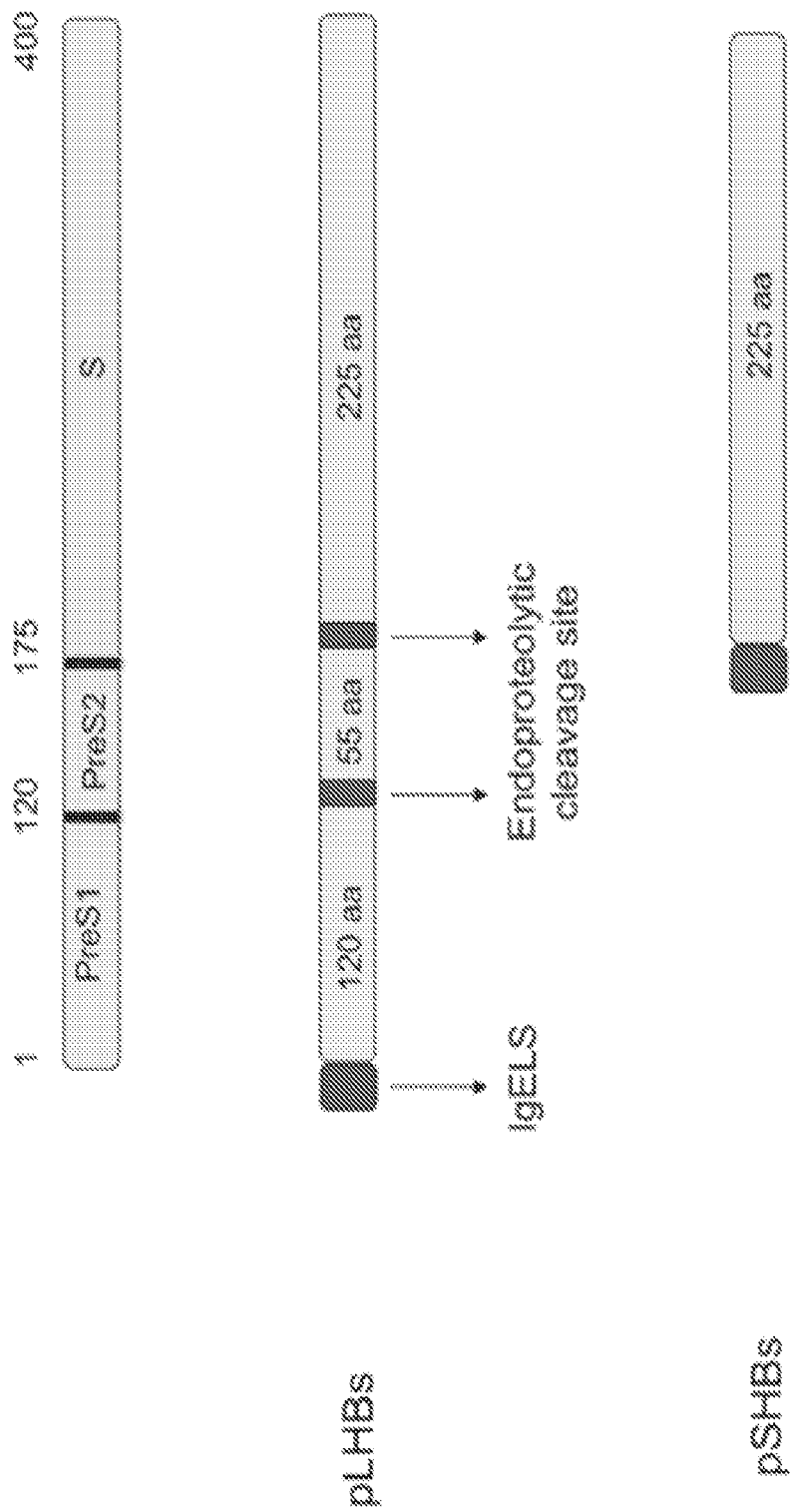


Figure 52B

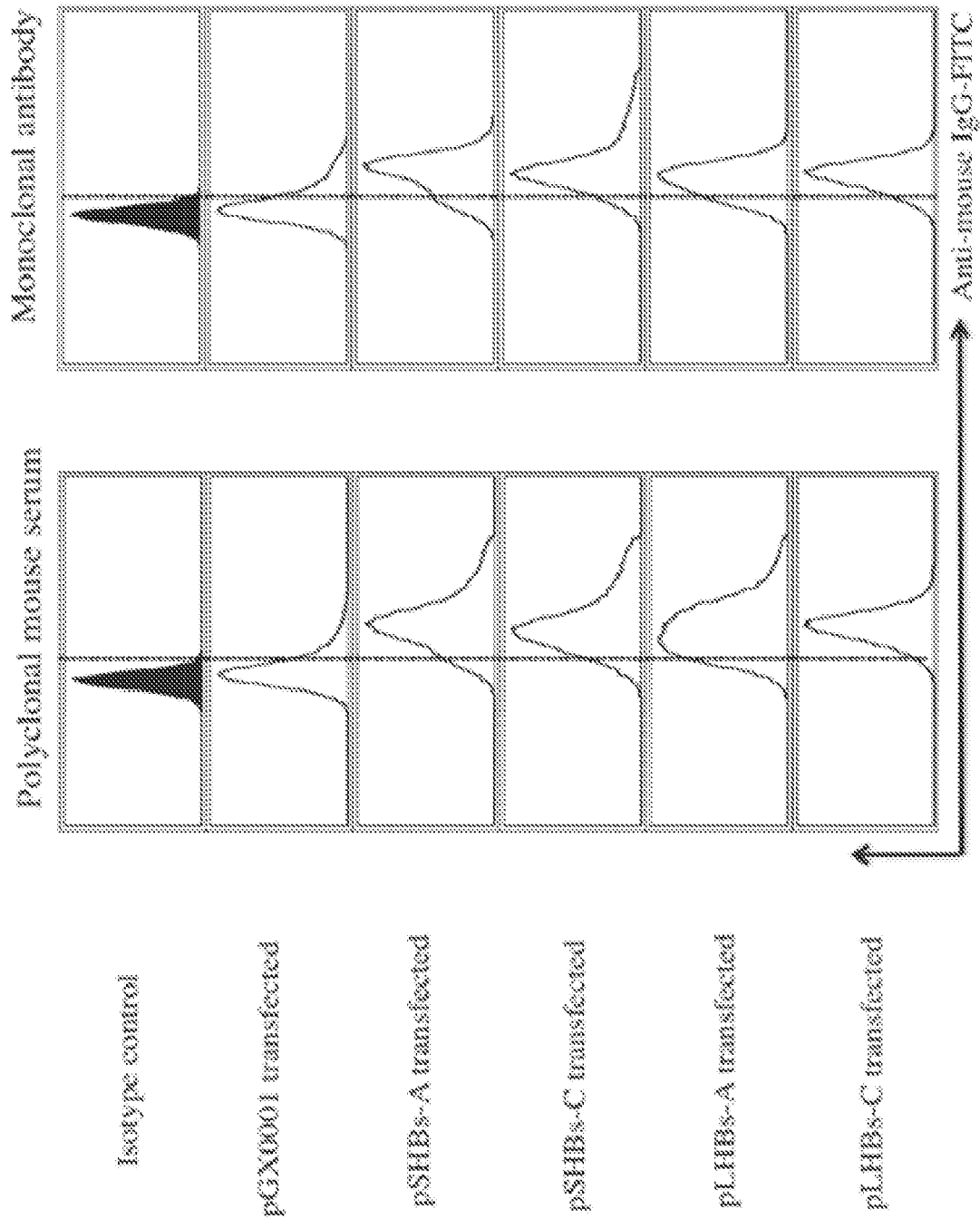


Figure 52C

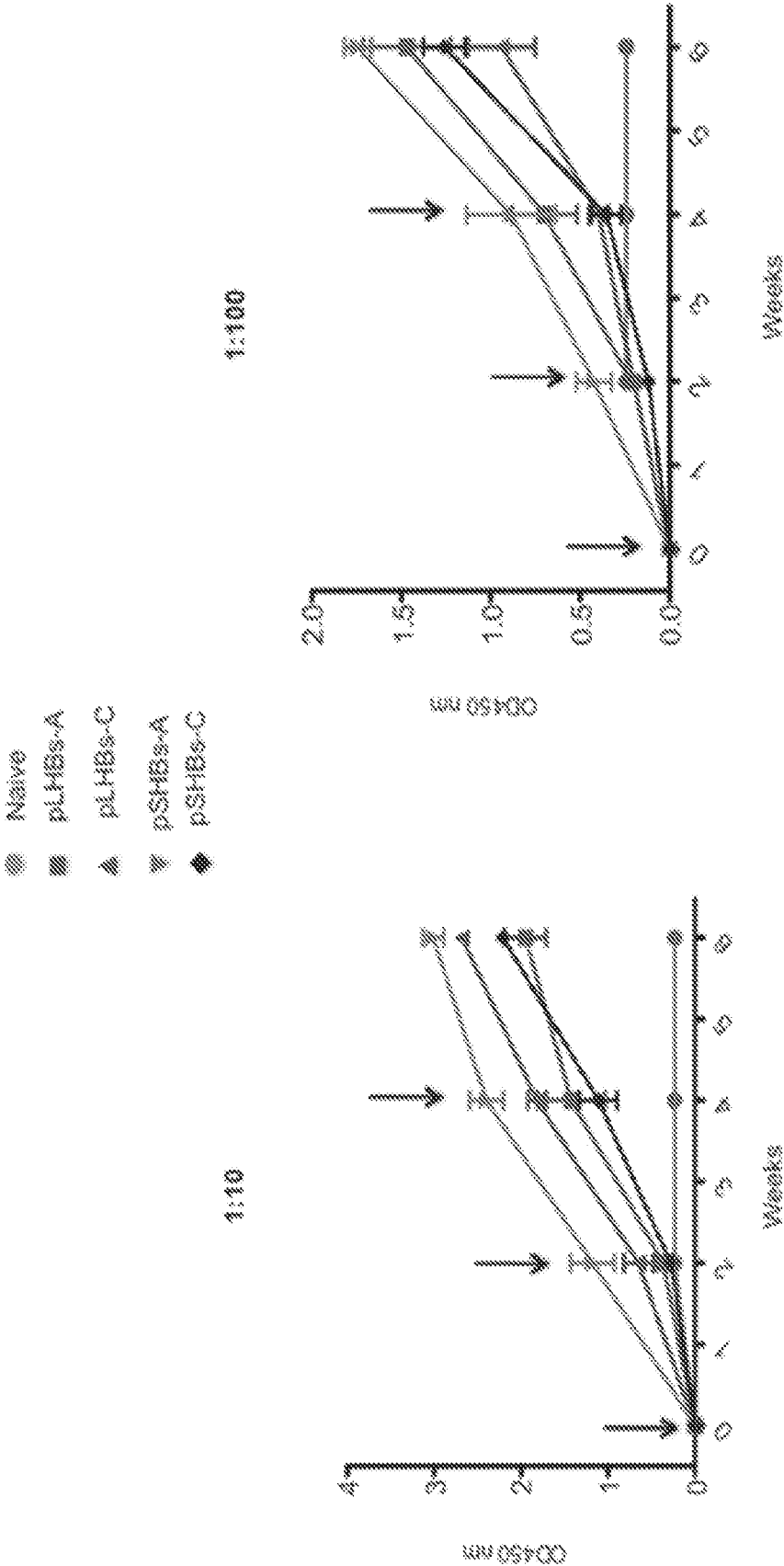


Figure 53A

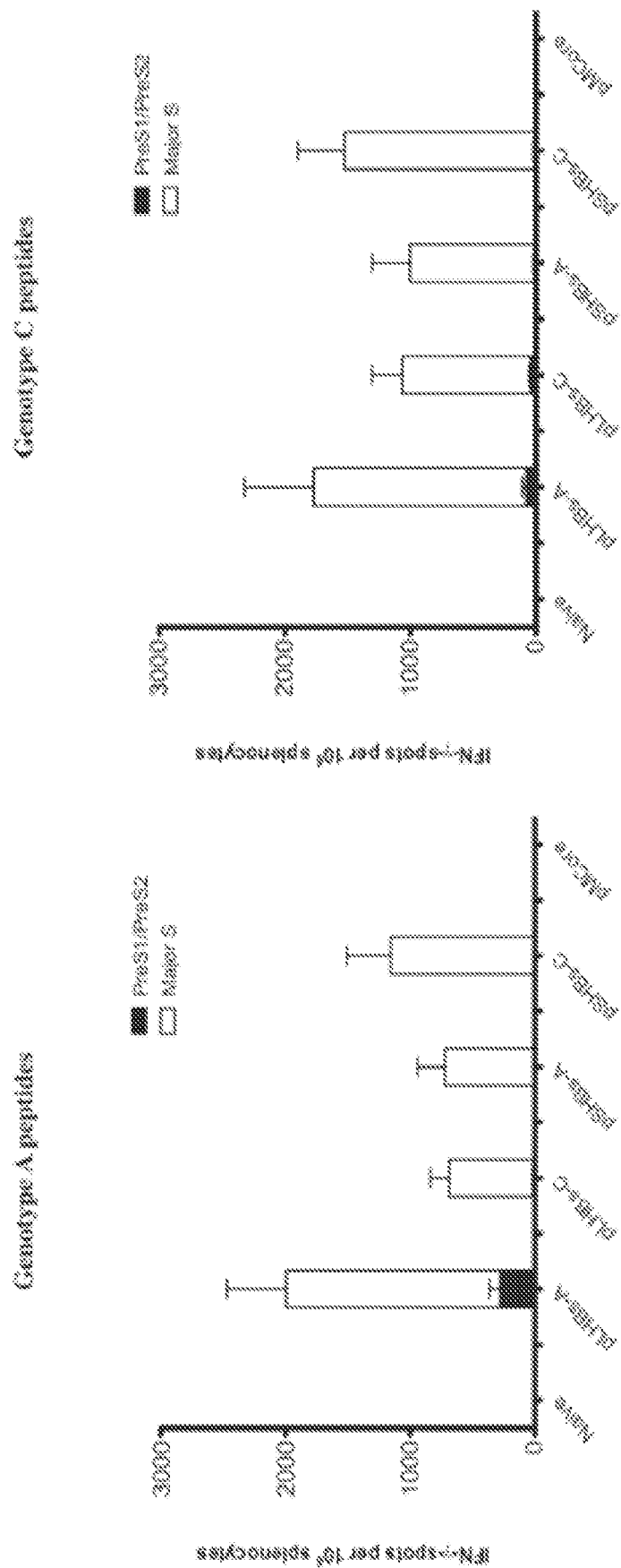


Figure 53B

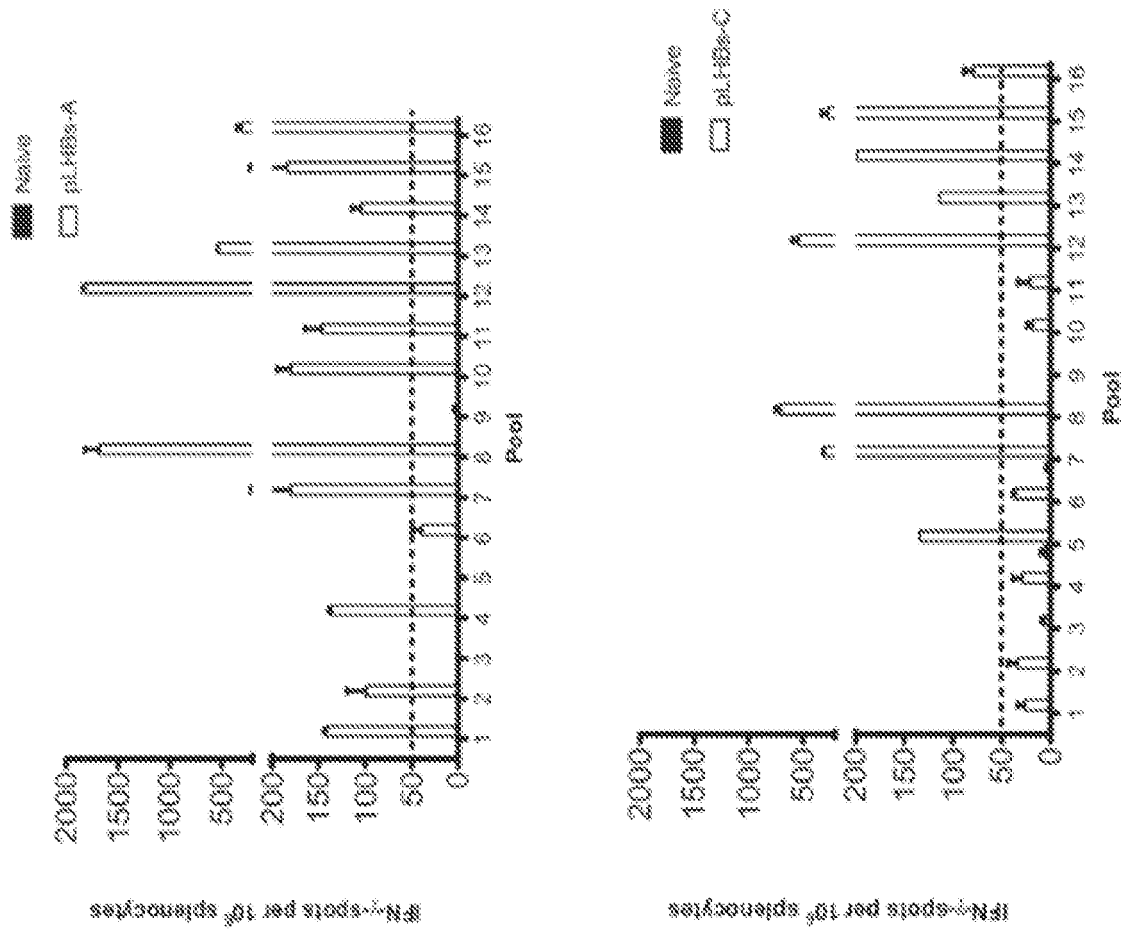


Figure 53C

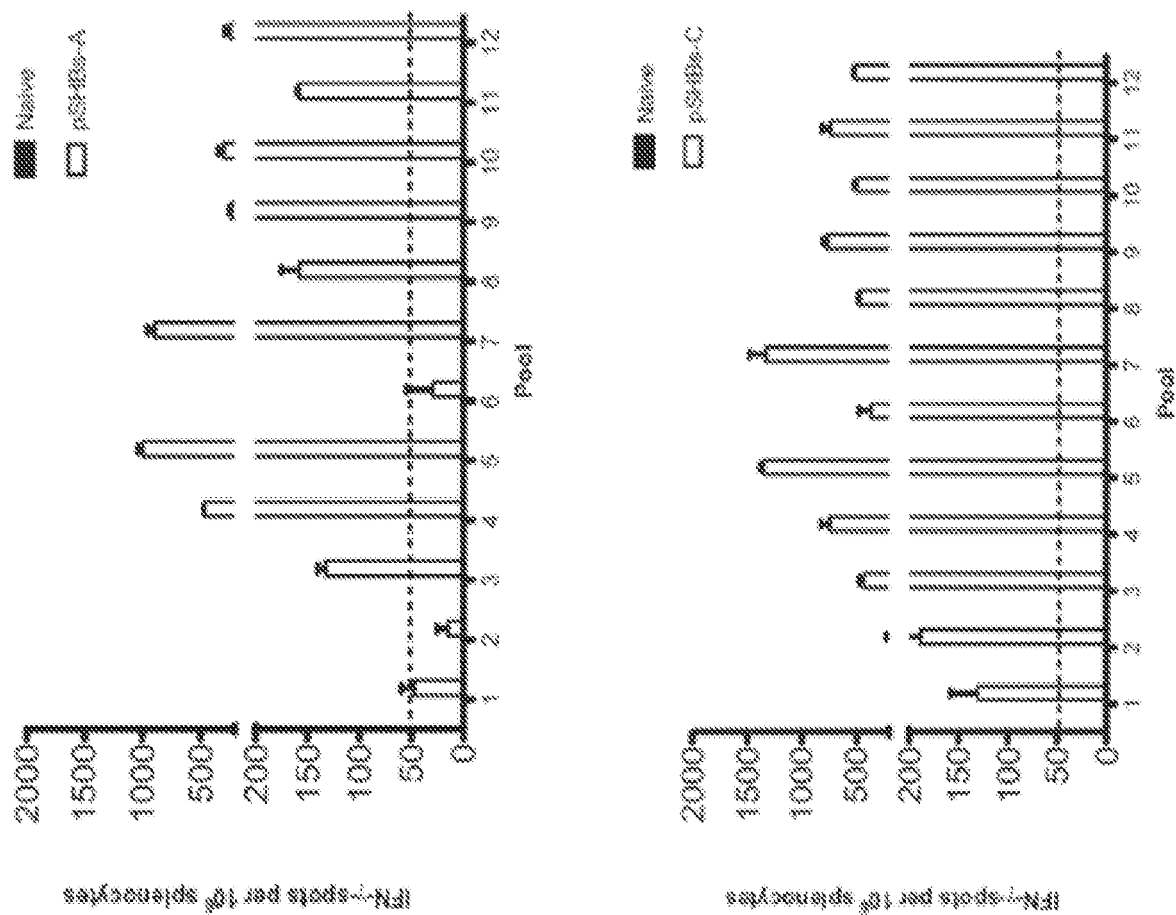


Figure 53C (cont.)

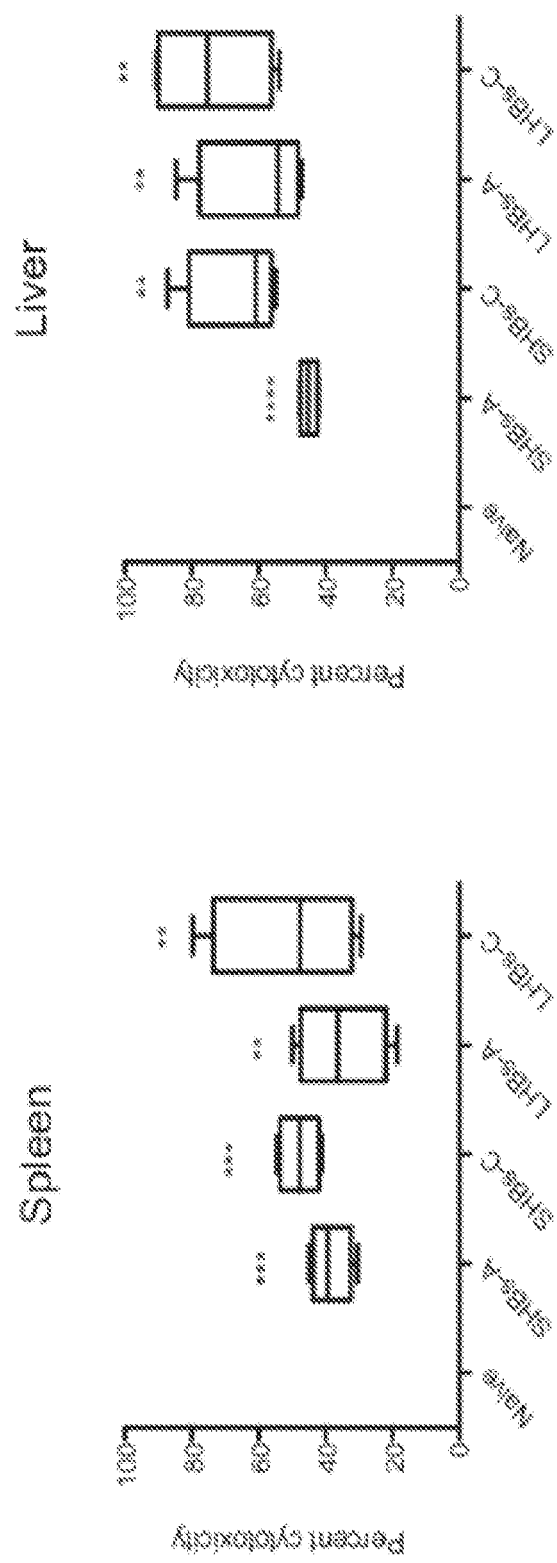


Figure 54

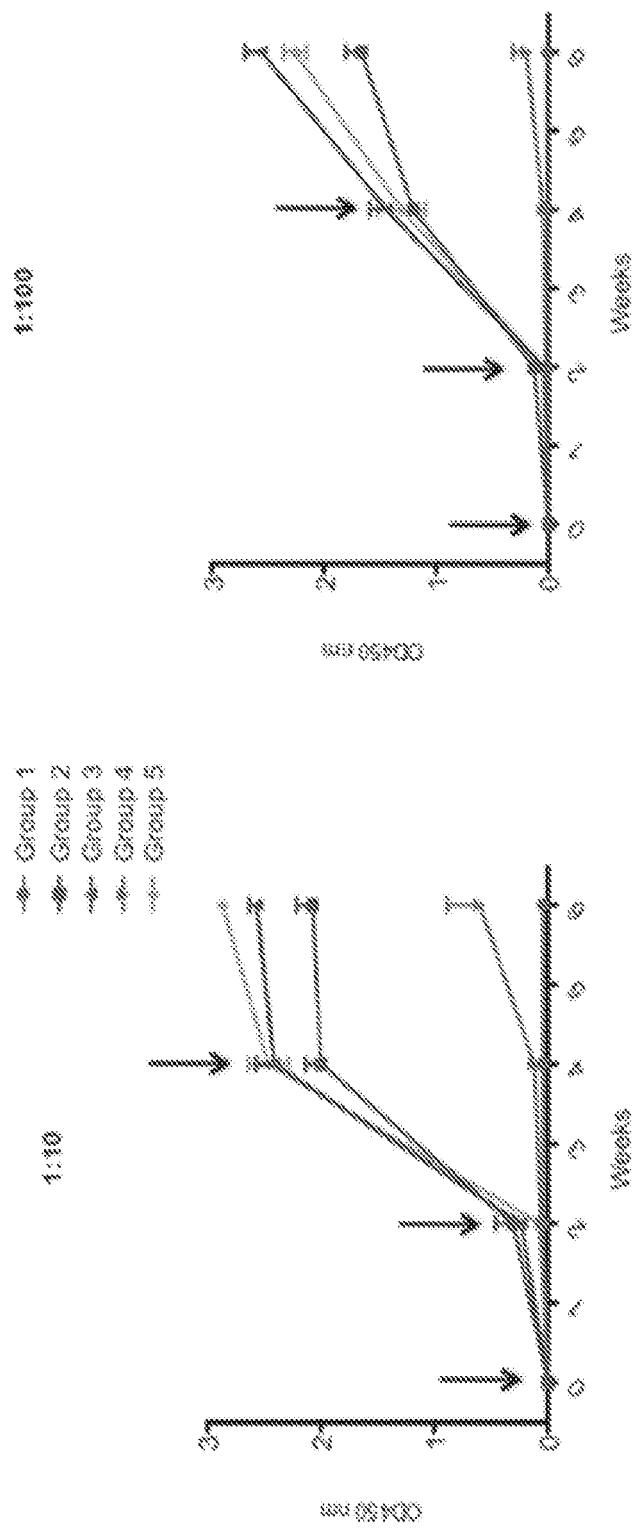


Figure 55A

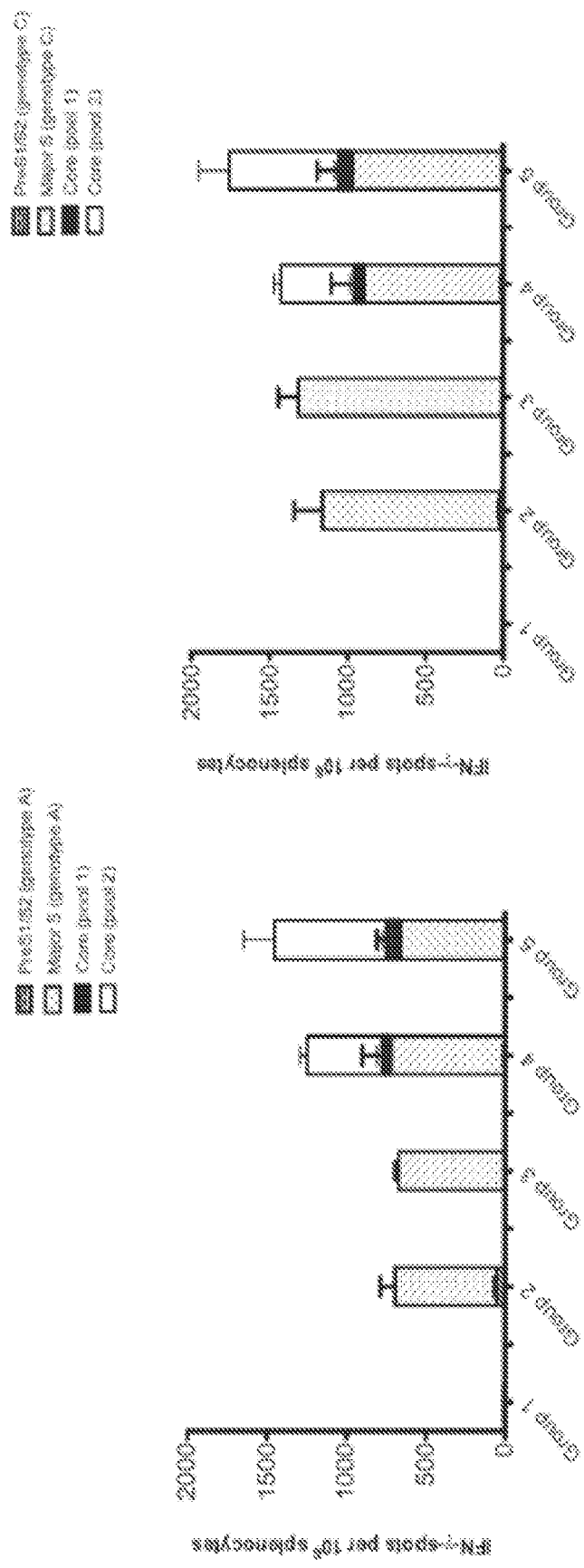


Figure 55B

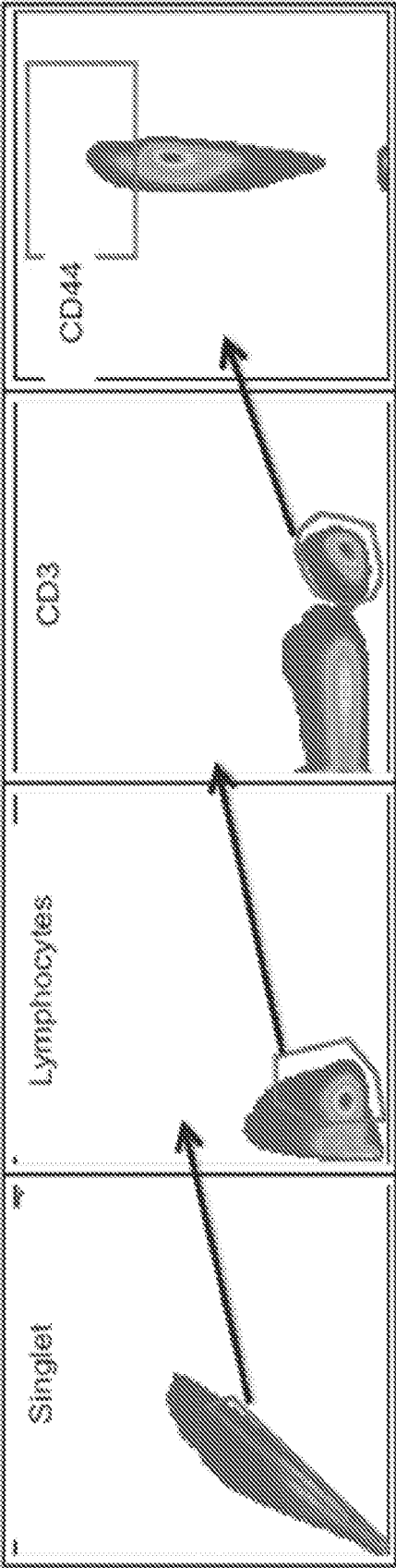


Figure 56A

Group 1 – pGX0001 only

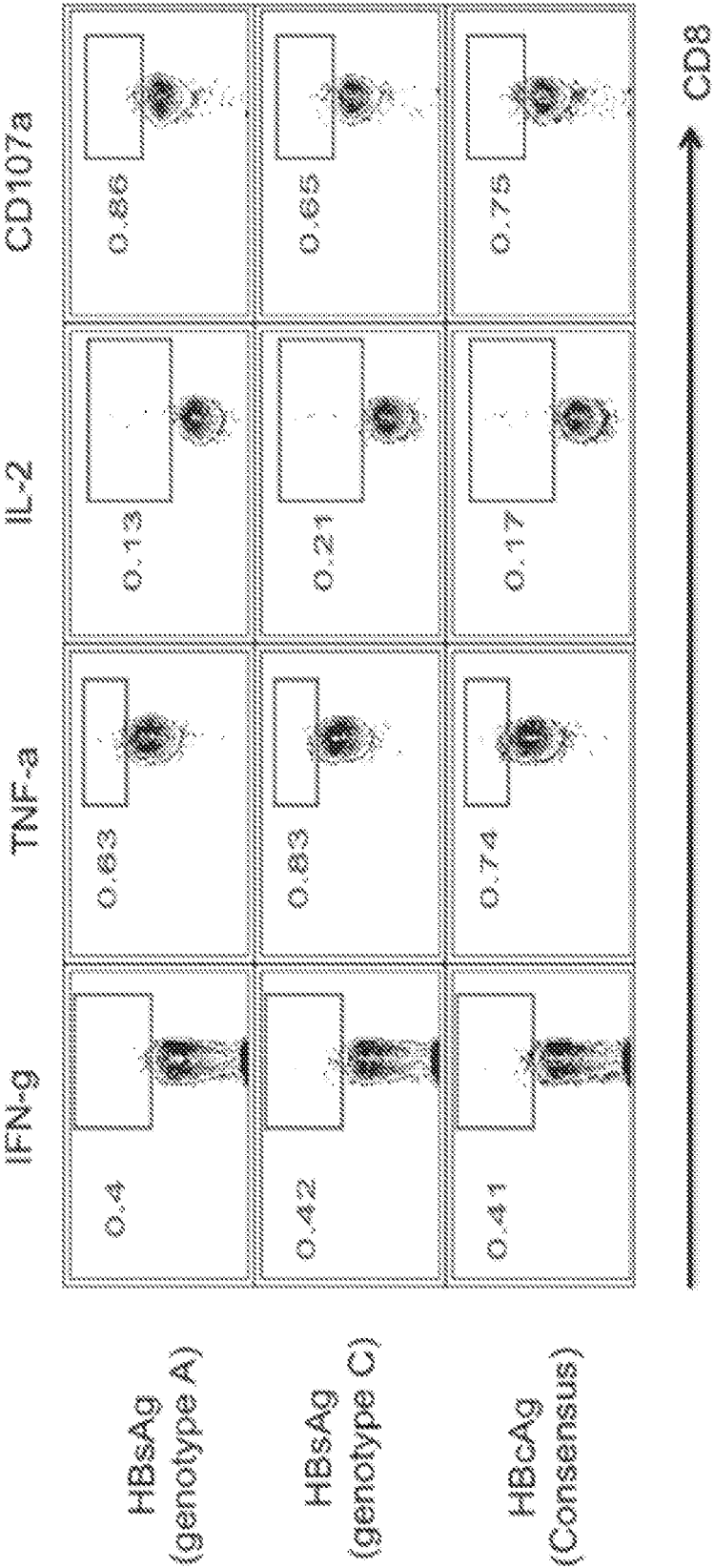


Figure 56B

Group 2 – pLHBs-A / pLHBs-C

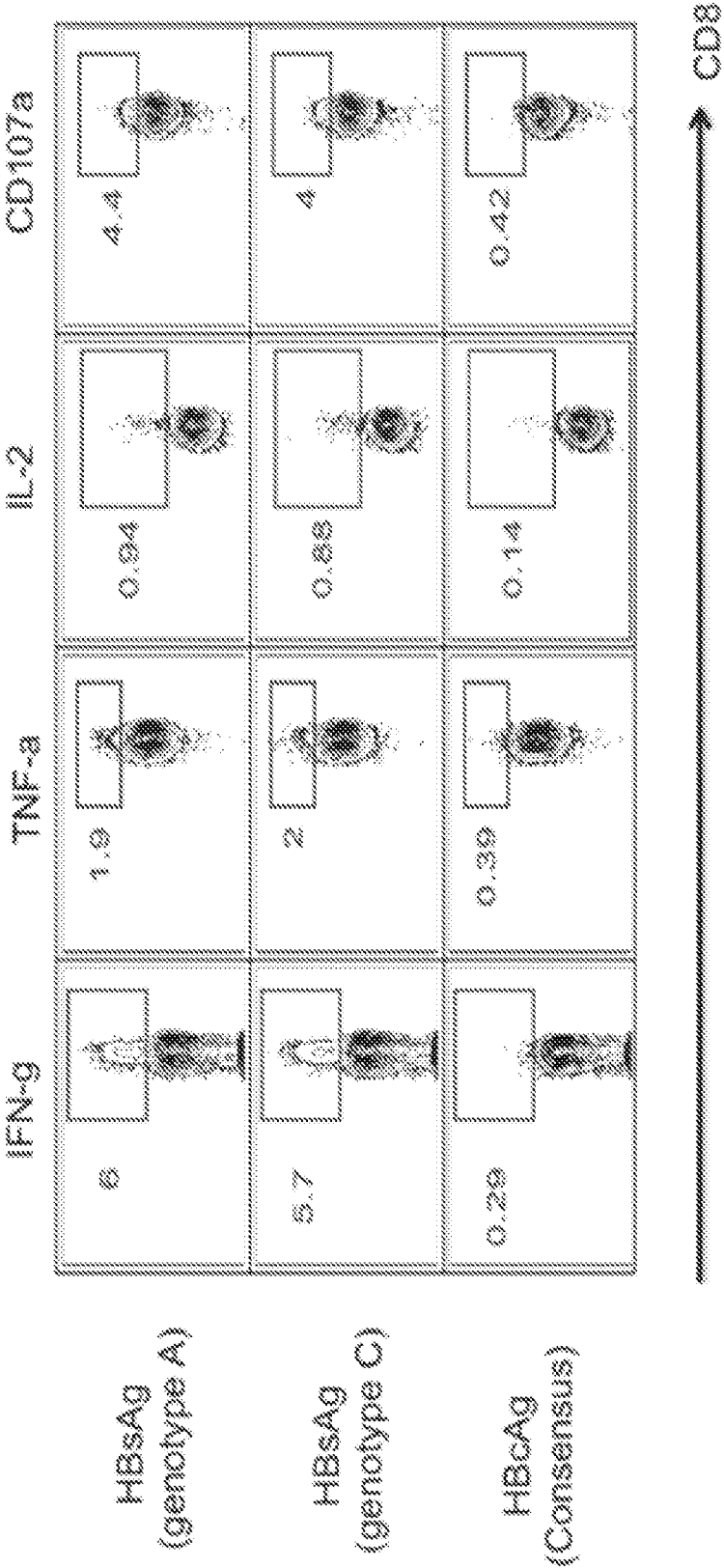


Figure 56C

Group 3 – pSHBs-A / pSHBs-C

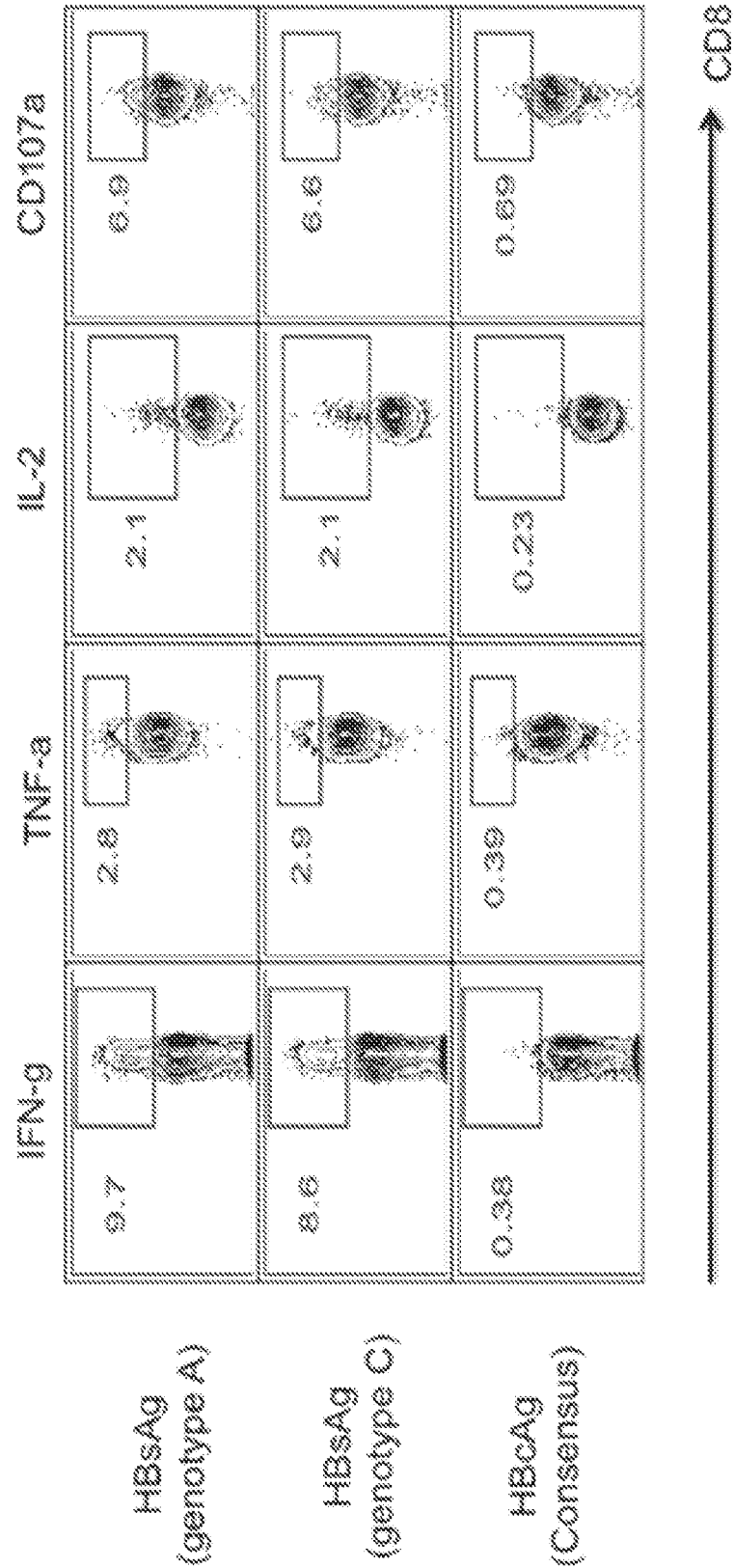


Figure 56D

Group 4 ... pLHBs-A / pLHBs-C / pMCore

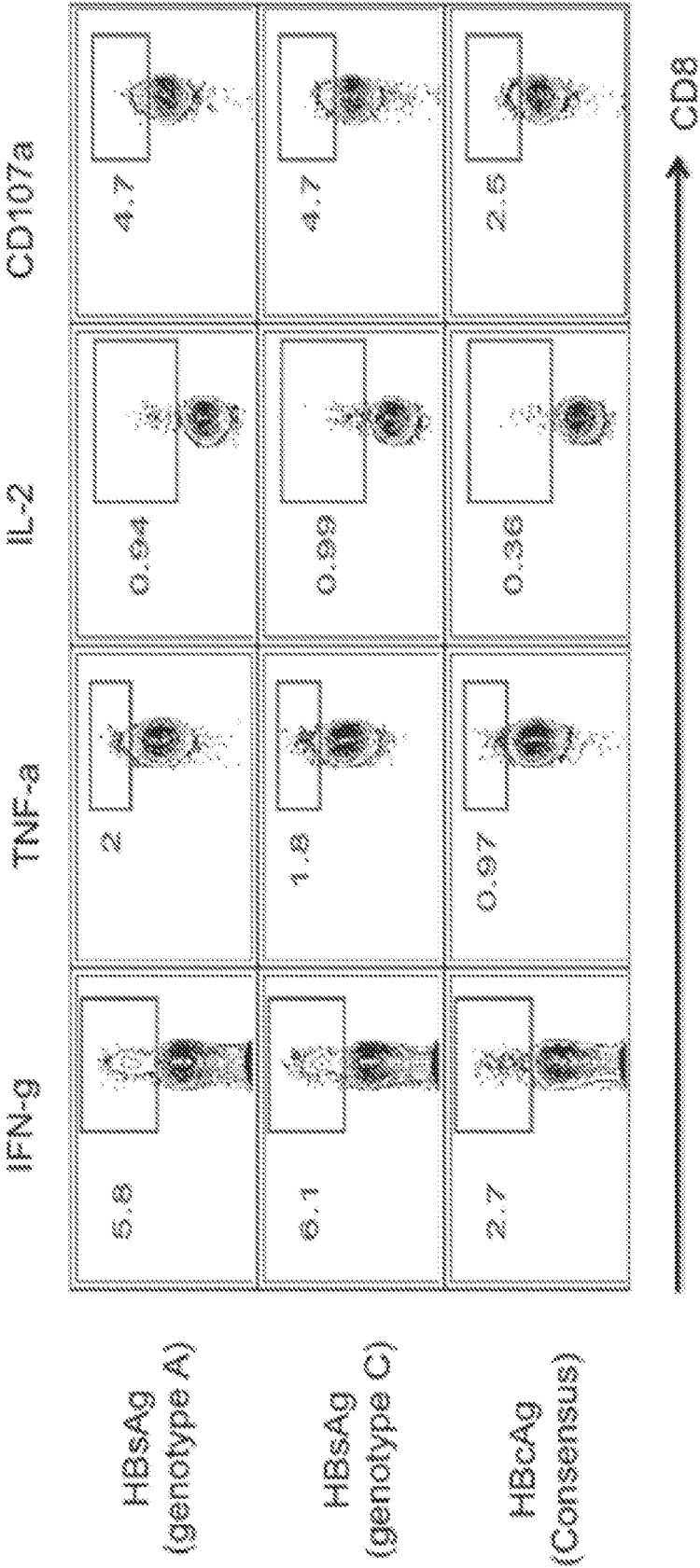


Figure 56E

Group 5 – pSHBs-A / pSHBs-C / pMCore

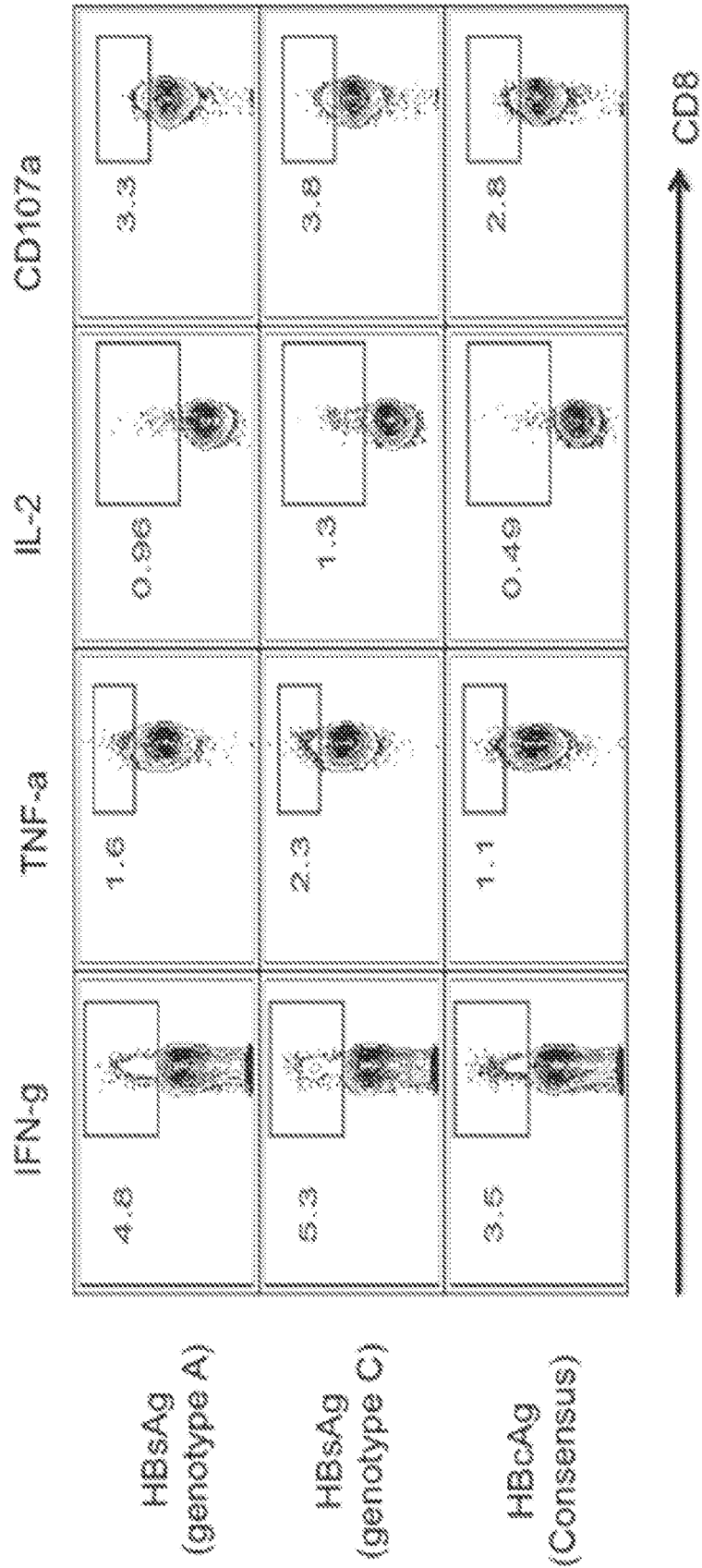


Figure 56F

● Group A
■ Group B
▲ Group C

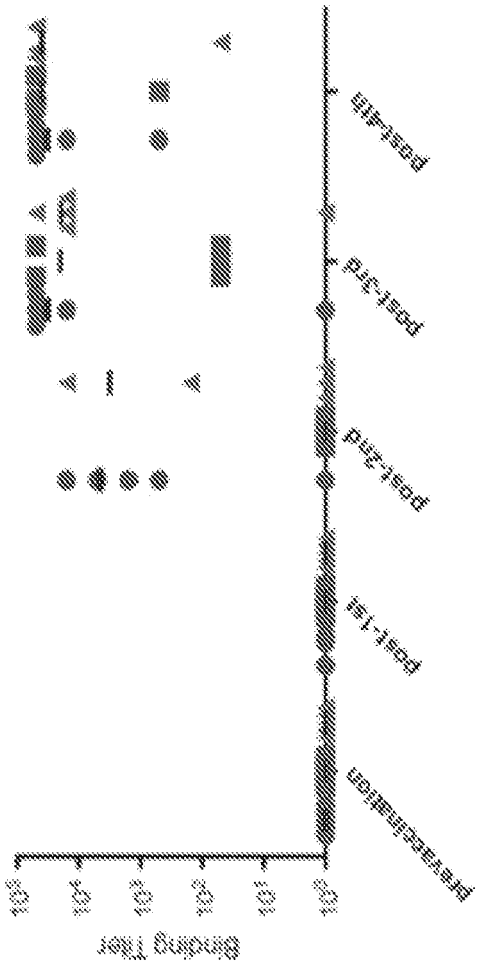


Figure 57A

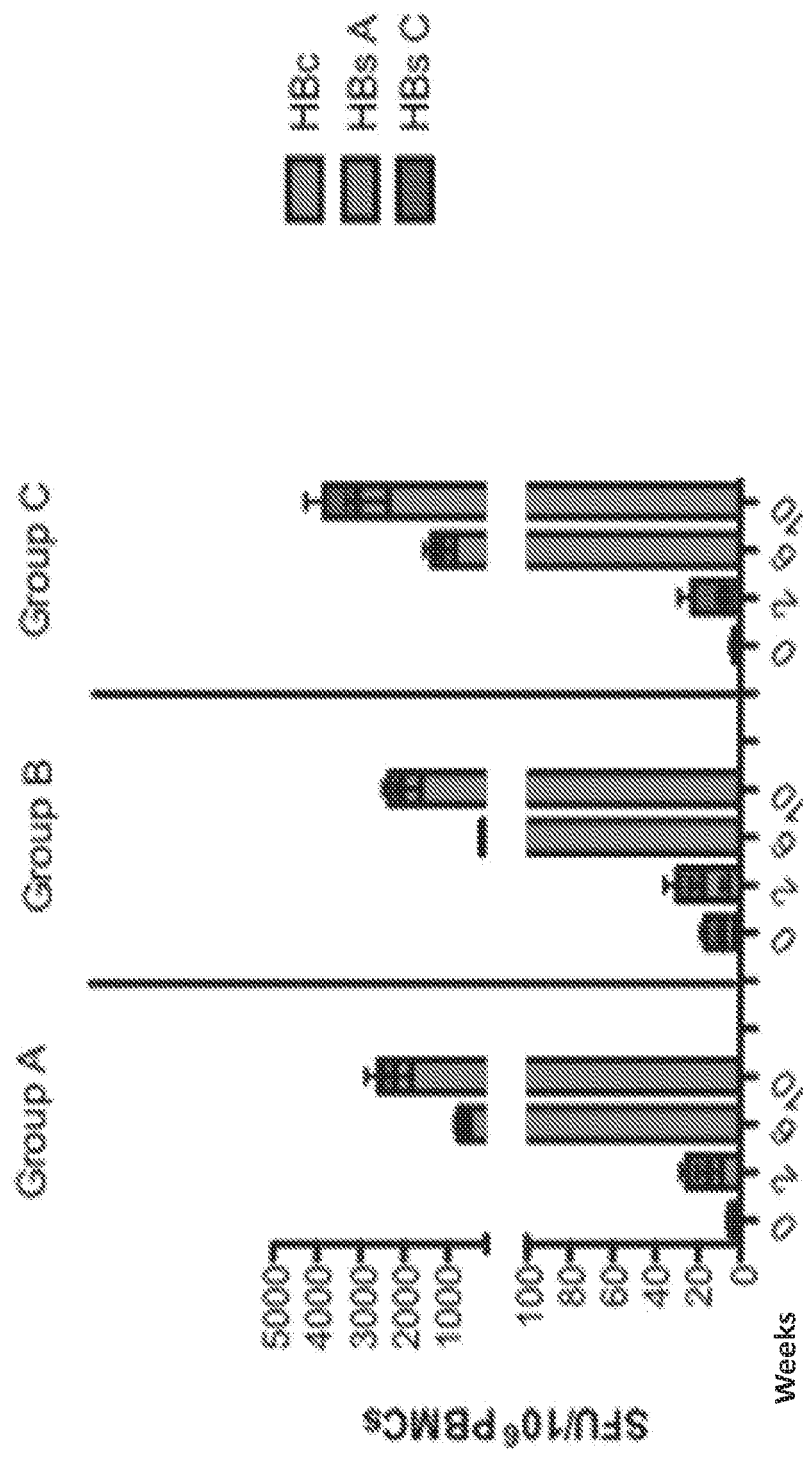
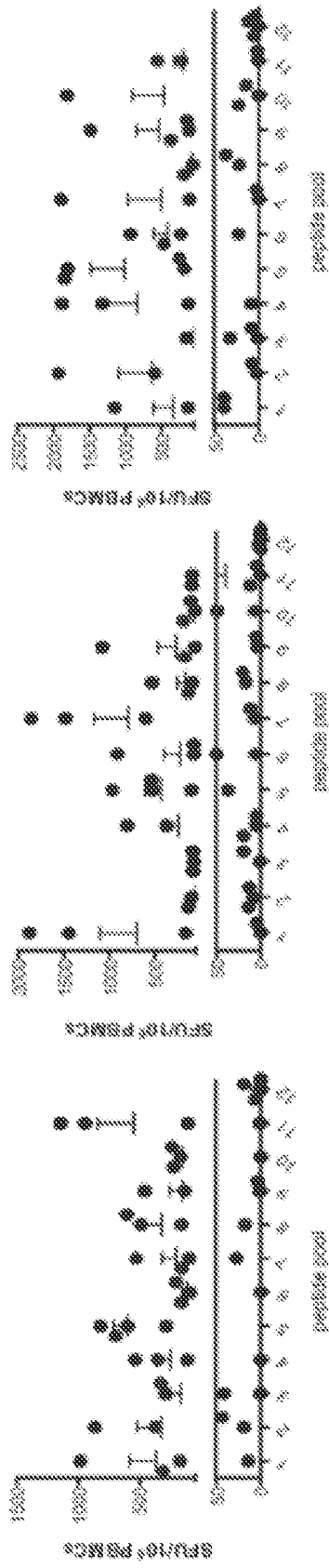


Figure 57B



Group	Monkey ID	Positive Matrix Pools	Positive Peptide Responses
Group A	4434	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	30
	4422	3, 4, 5, 6, 7, 8, 9, 10	16
	4443	1, 2, 3, 4, 5, 6, 7, 8, 11	12
	4442	1, 2, 4, 5, 10, 11	10
	4424	2, 5, 10	3
Group B	4428	1, 4, 5, 6, 7, 8, 9, 10, 11	20
	4416	1, 2, 5, 7, 10	8
	4448	5, 6, 8, 11	4
	4438	1, 2, 3, 4, 5, 6, 8, 11	12
	4439	5, 6, 8	2
Group C	4439	1, 2, 3, 4, 5, 6, 10, 11	16
	4445	1, 2, 3, 4, 5, 6, 9, 10, 11	16
	4446	5, 6, 7, 8, 9	6
	4415	1, 2, 4, 5, 6, 7, 8, 9, 11	20
	4419	4, 5, 8	3

Figure 57C

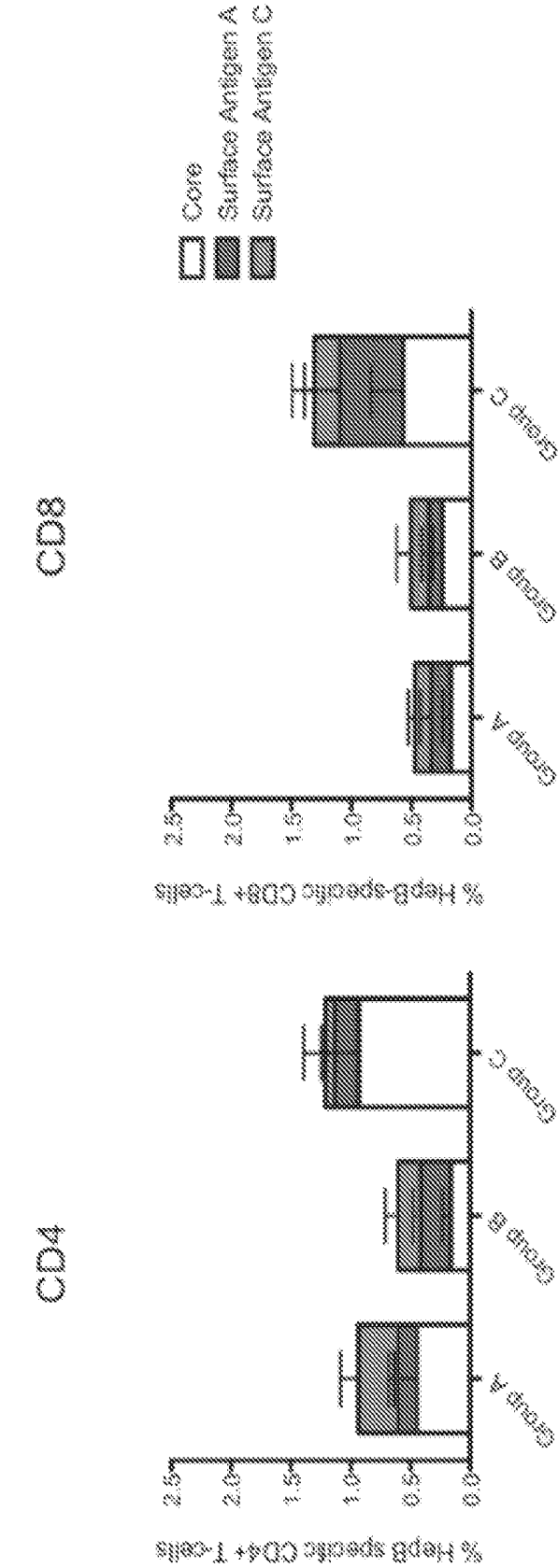
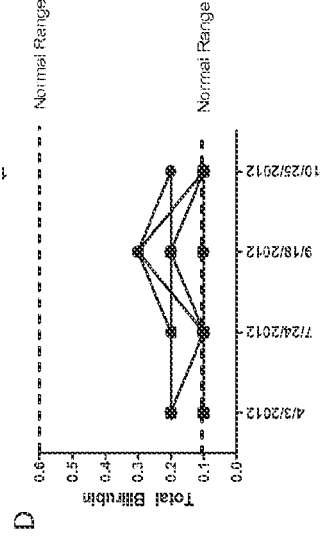
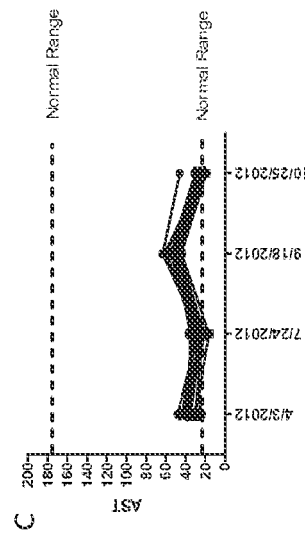
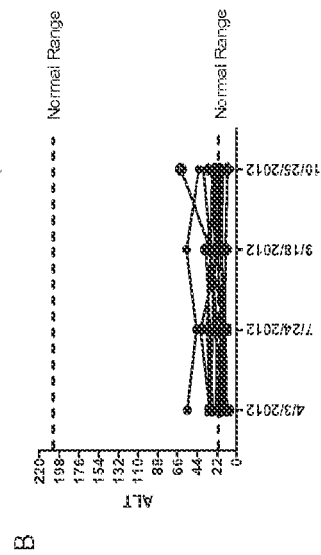
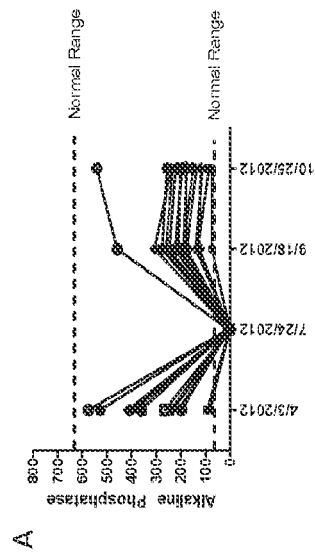


Figure 57D

Liver



Kidney

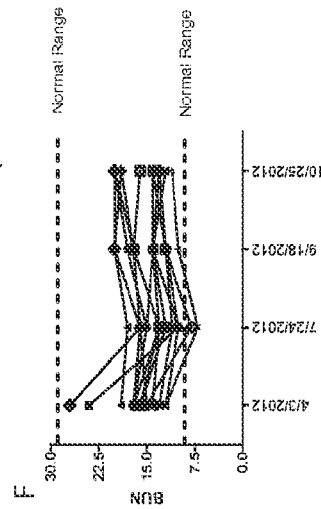
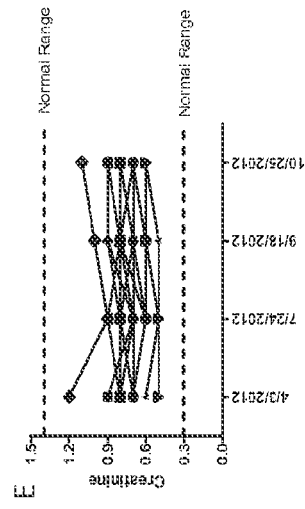


Figure 58

IgELS PreS1
 1 MDWTWILFLYAAATRVHSGG WSSKPRKGMG TNLSVPNPLG FFPDHLQDPA FGANSNNPDW

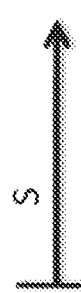
 61 DFNPIKDHWP AANQVGVGAF GPGLTPPHGG ILGWSPQAQG ILTTVSTIPP PASTNRQSGR

 121 QPTPISPPLR DSHPOA**RGRK**RRSMQWNSTA FHQALQDPRV RGLYFPAGGS SSGTVNPAPN

 181 IASHISSISA RTGDPVTN**RG****RKRR**SMENIT SGFLGPLLVL QAGFFLLTRILTIQSLDSW
 241 WTSLNFLGGS PVCLGQNSQS PTSNHSPTSC PPICPGYRWM CLRRFIIFLF ILLCLIFLL
 301 VLLDYQGMLP VCPLIPGSTT TSTGPKTCT TPAQGNSMFP SCCCTKPTDG NCTCIPSS
 361 WAFAKYLWEW ASVRFSWLSSLVPFVQWFBG LSPTVWLSAI WMMWYWGPSLYSIVSPFIPL
 421 LPIFFCLWVY I (SEQ ID NO: 10)

Cleavage site PreS2
 Cleavage site S

Figure 59A

IgELS  S

1 MDWTTWILFLV AAATRVHSEN ITSGLGPLL VLOAGFFLLT RILTIQSLD SWWTSLNFLG

61 GSPVCLGONS QSPTSNHSPT SCPPICPGYR WMCLRRFIIF LFILLCLIF LLVLLDYQGM

121 LPVCPPIPGS TTTSTGPCKT CTTPAQGNSM FPSCCCTKPT DGNCCTCPIP SSWAFAYLW

181 EWASVRFSWL SLLVPFVQWF VGLSPTVWLS AIWMMWYWGP SLYSIVSPFI PLLPIFFCLW

241 VYI (SEQ ID NO: 14)

Figure 59B

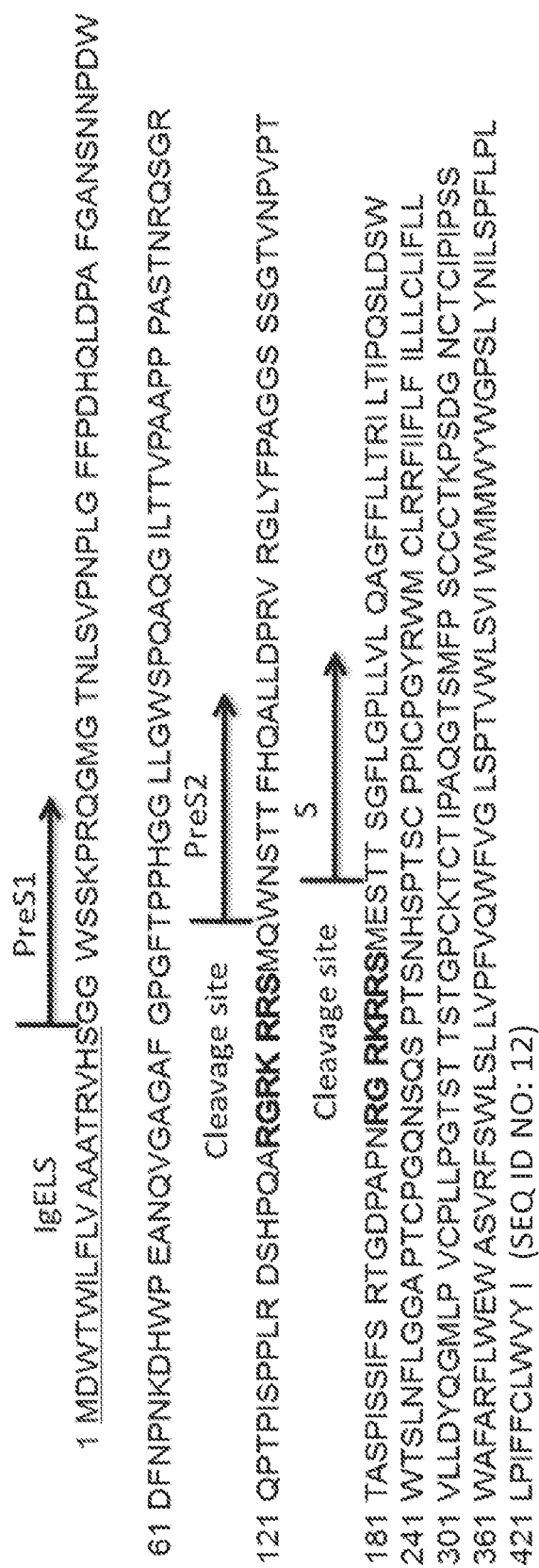
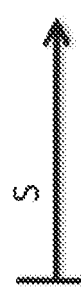


Figure 59C

IgELS



1 MDWTWILFLVAAATRVHSES TTSGFLGPLLVLOAGFFLLT RLTIPQSLD SWWTSNFLG
61 GAPTCPGQNS QSPTSNHSPT SCPPICPGYR WMCLRRFIIF LFILLCLIF LLVLLDYQGM
121 LPVCPLLPGT STTSTGPCKT CTIPAQGTSM FPSCCCKPS DGNCTCIPIP SSWAFARFLW
181 EWASVRFSWL SLLVPFVQWF VGLSPTVWLS VIWMMWYWGP SLYNILSPFL PLLPIFFCLW
241 VYI (SEQ ID NO: 16)

Figure 59D