

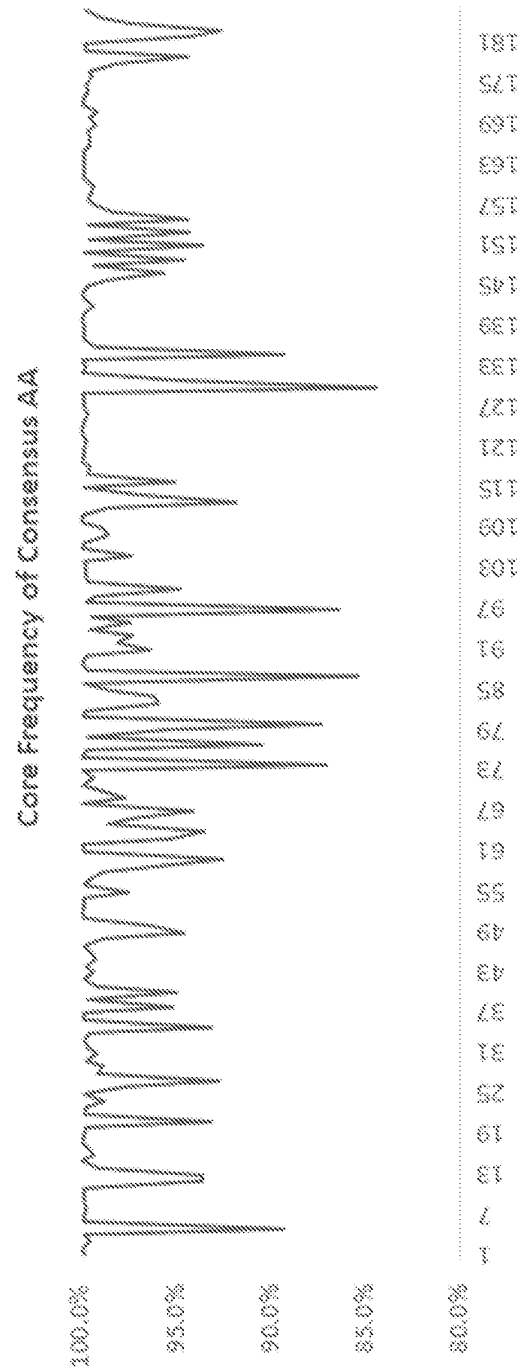


FIG. 1

FIG. 2A

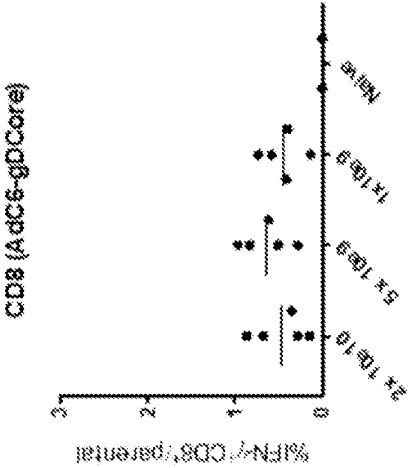


FIG. 2B

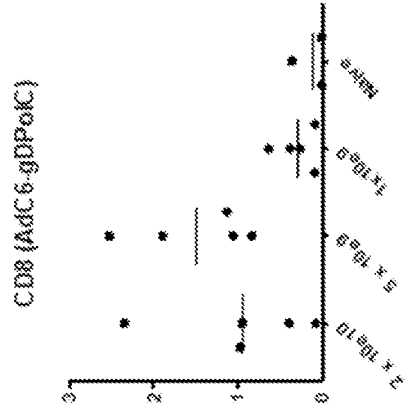


FIG. 2C

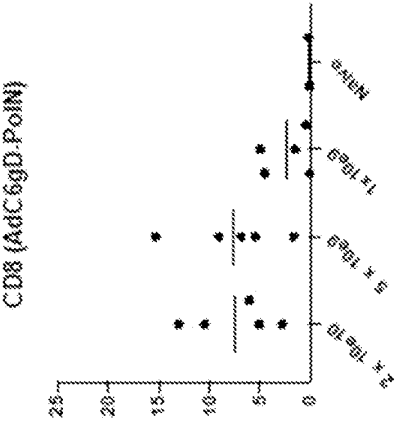


FIG. 2D

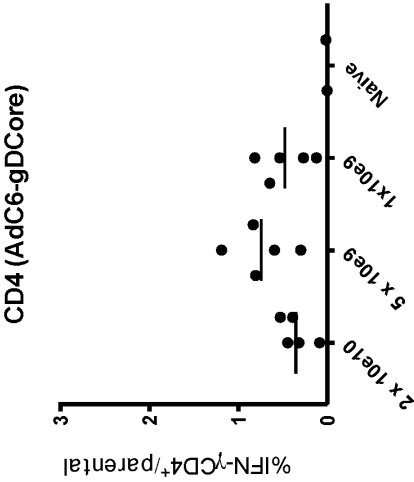


FIG. 2E

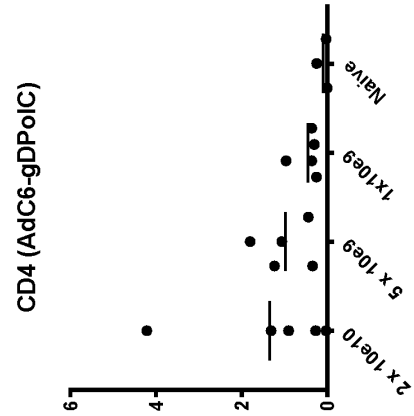
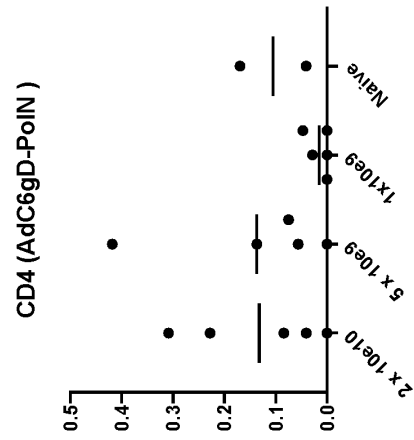


FIG. 2F



Prime C57Bl/6

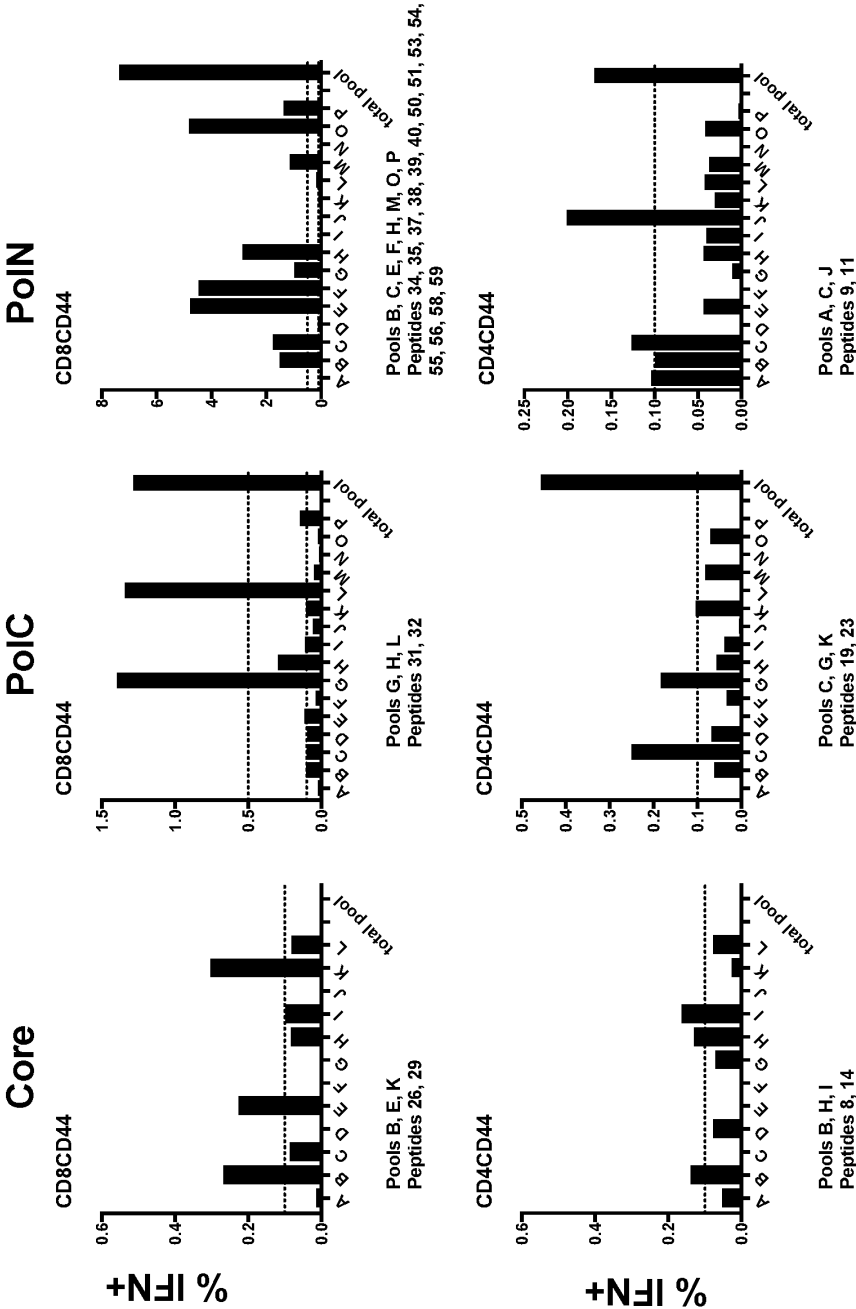
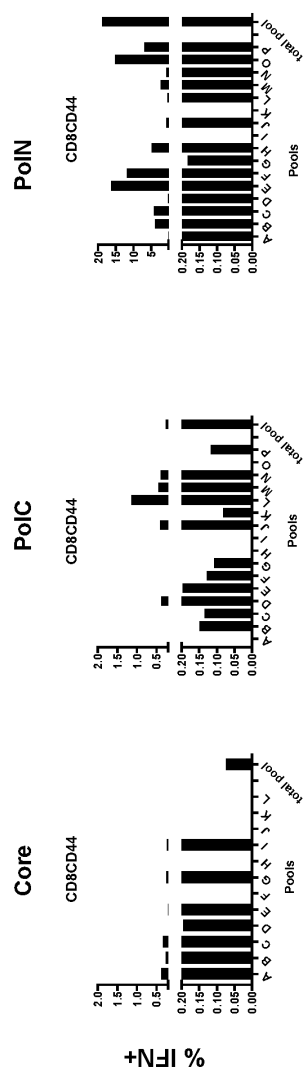
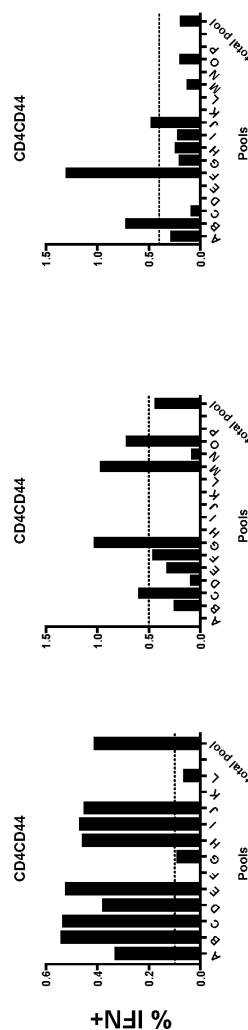


FIG. 3A

BALB/c prime



Pools: B, C, E, F, H, M, O, P
Peptides: 34, 35, 37, 38, 40
50, 51, 53, 54, 56, 58, 59



Pools: B, F, J
Peptides: 10, 14

FIG. 3B

HLA-A2 prime

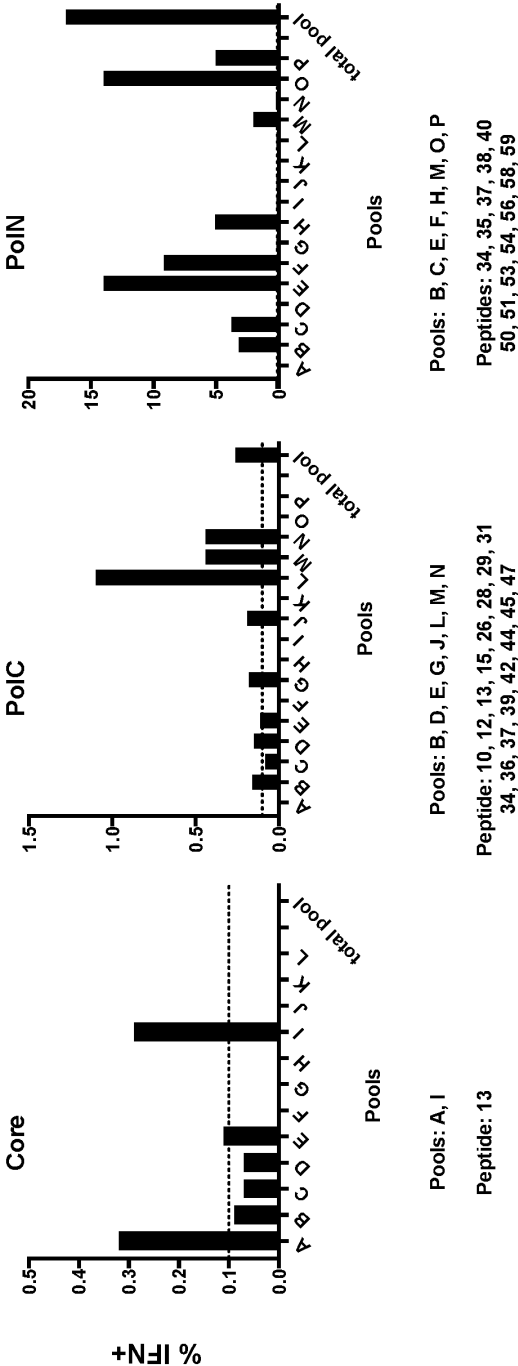


FIG. 3C

FIG. 4A

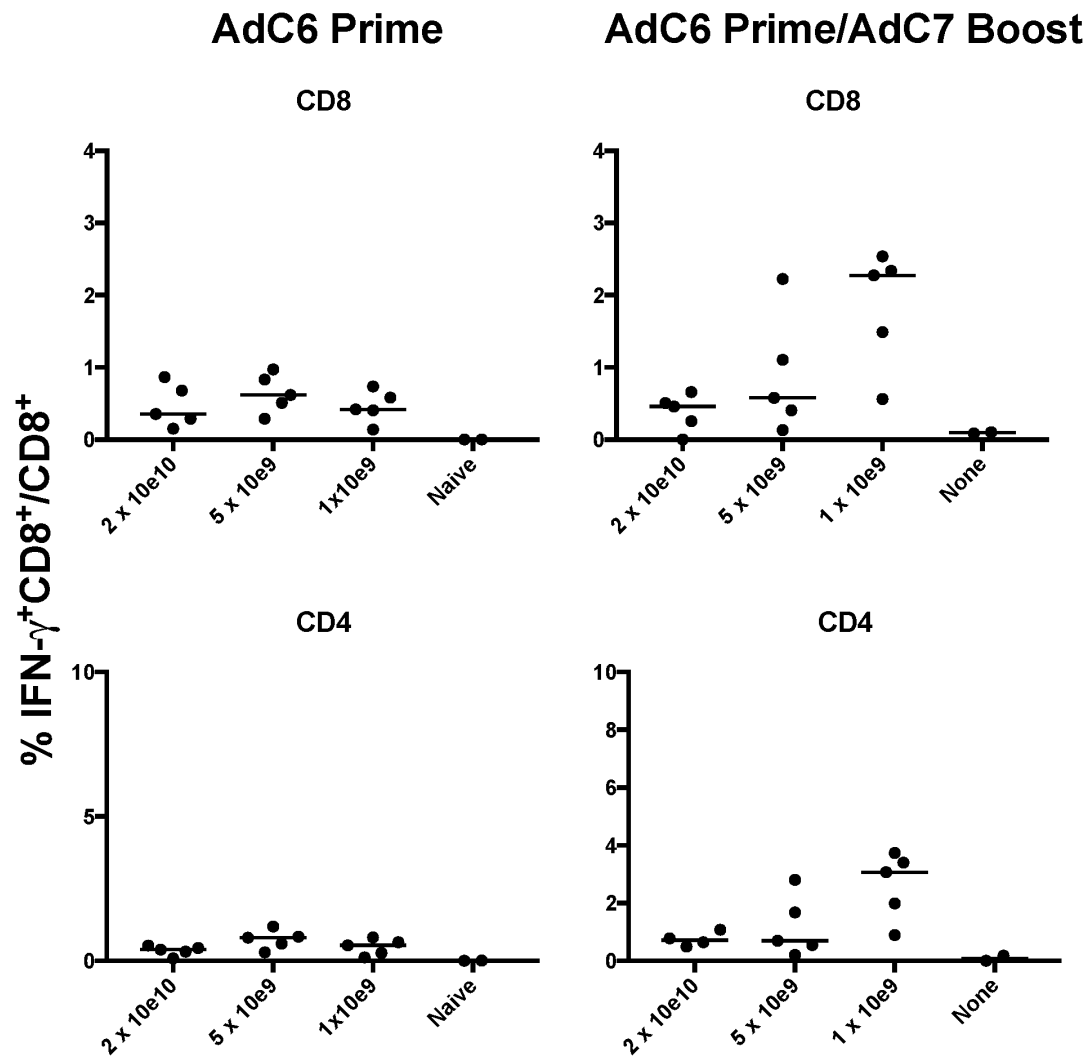


FIG. 4B

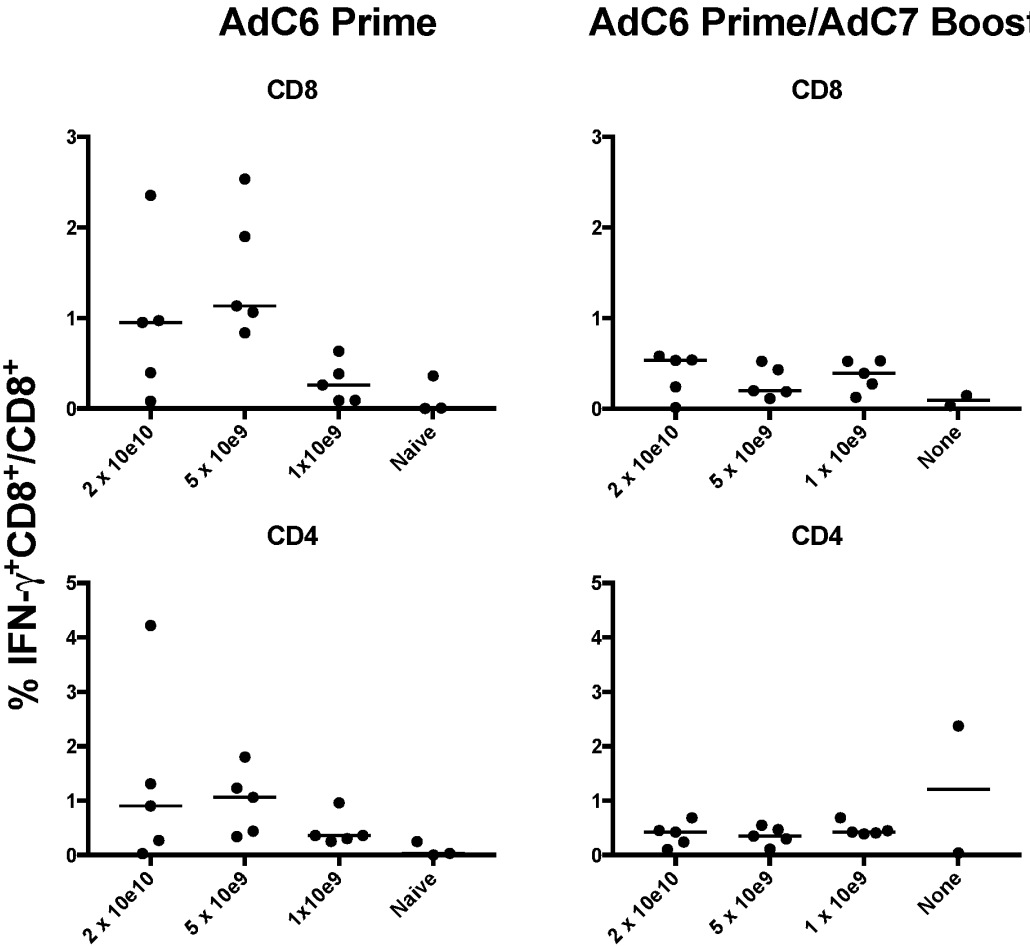
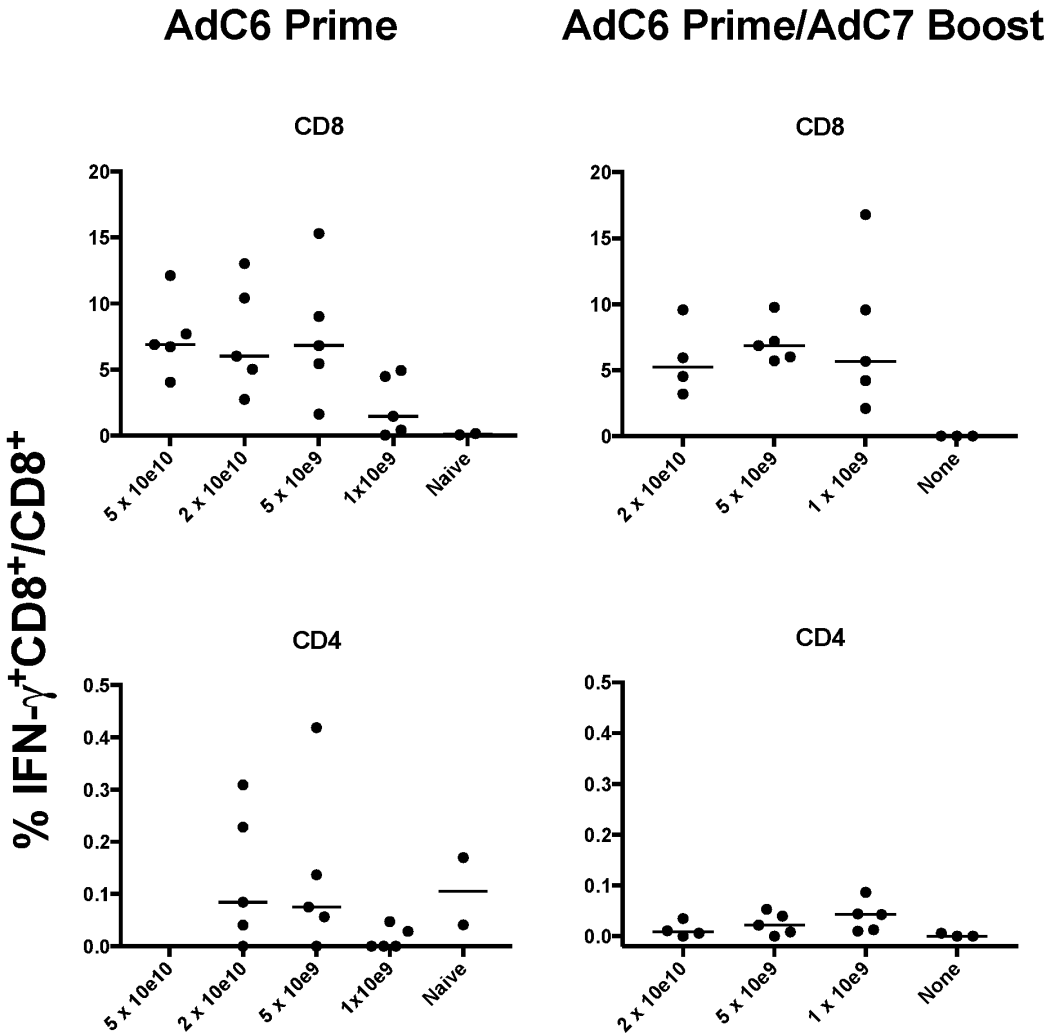


FIG. 4C



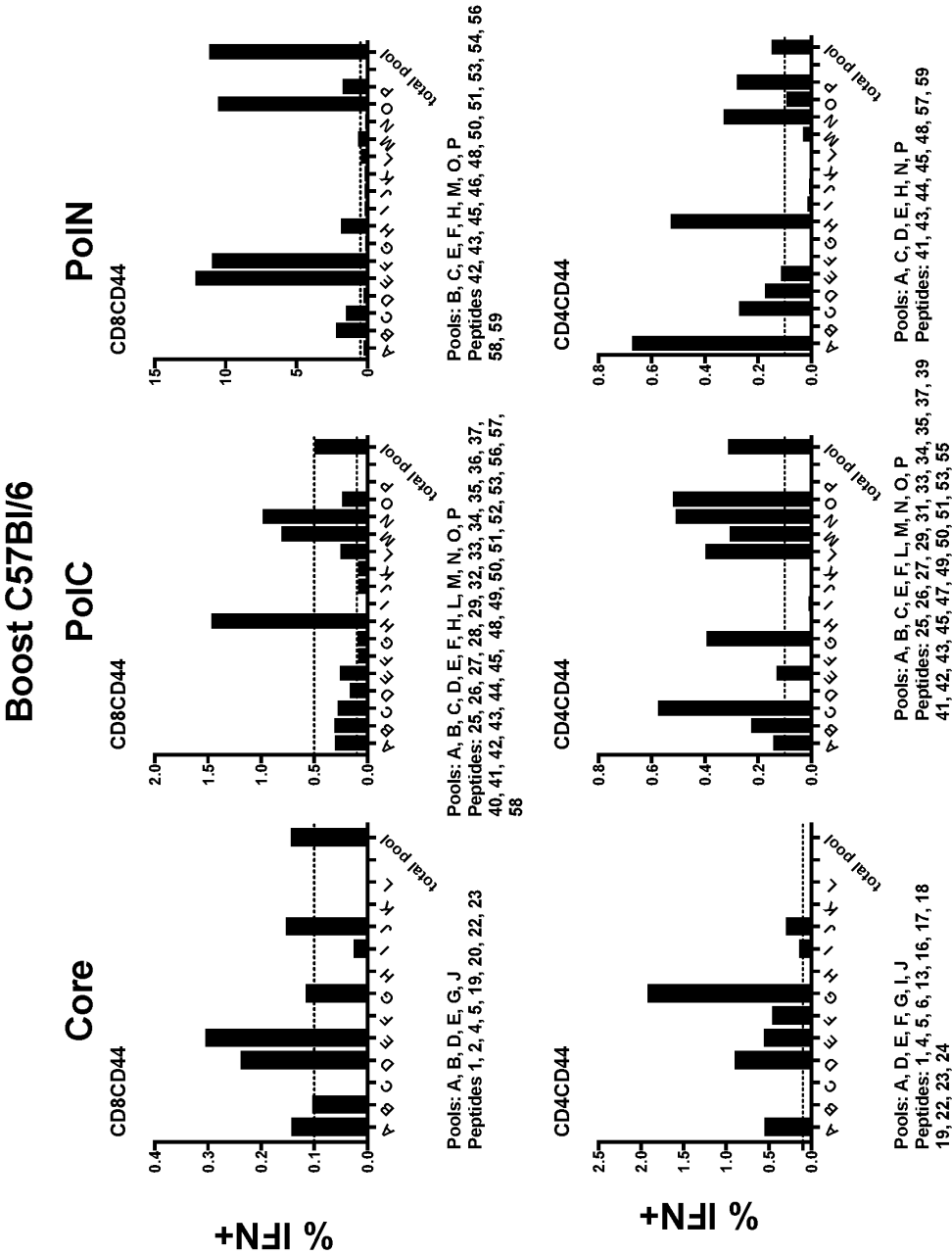


Fig. 5A

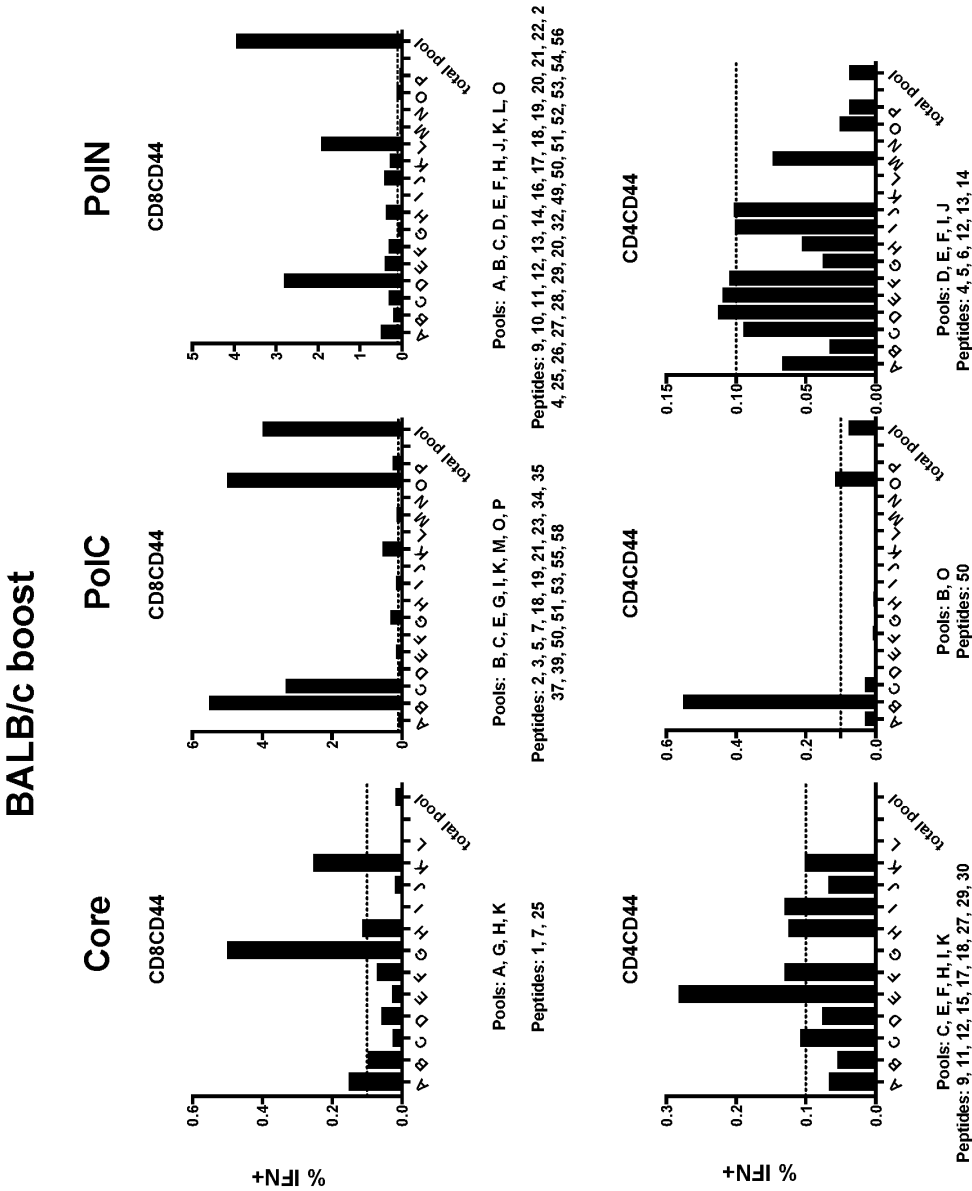


Fig. 5B

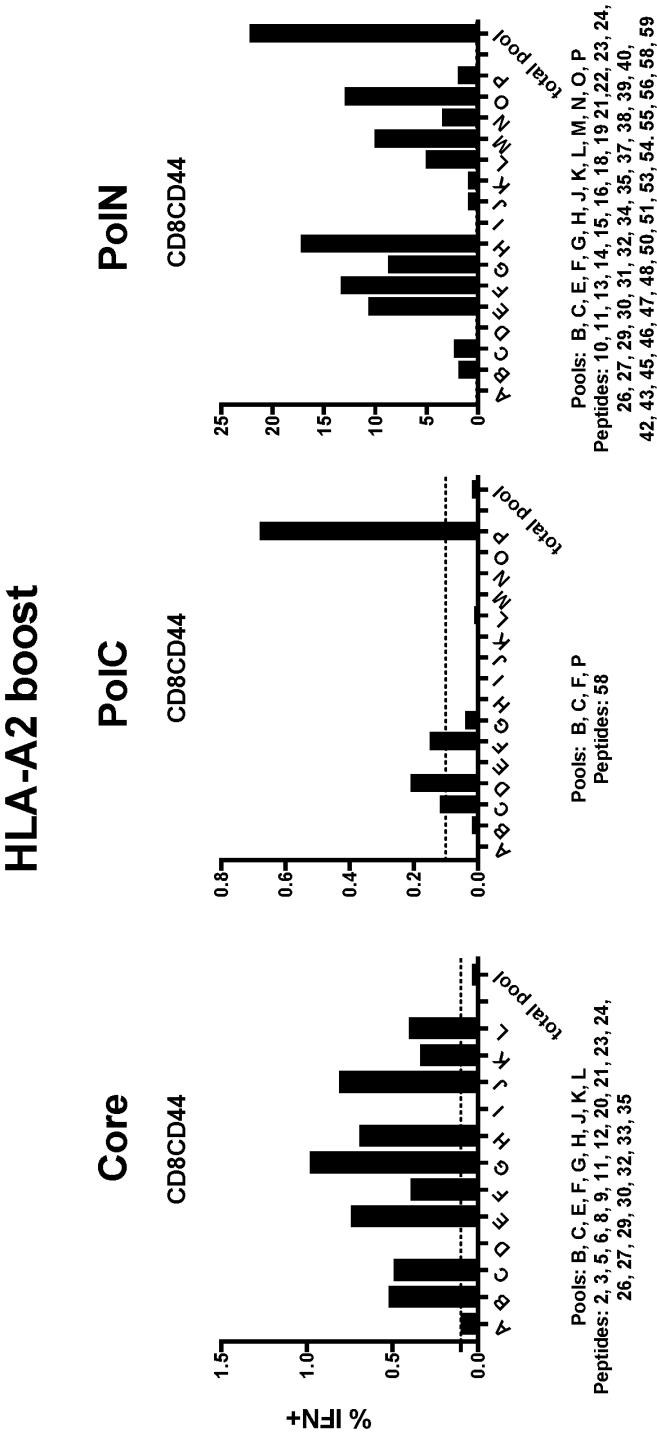


Fig 5C

FIG. 6

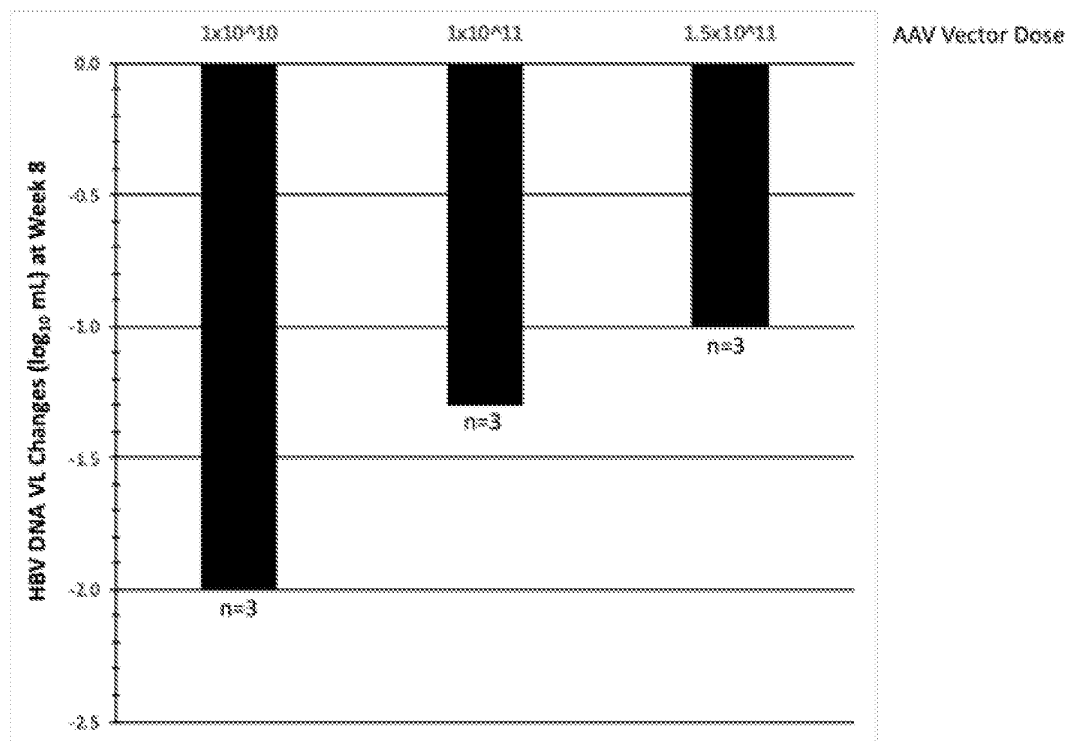


FIG. 7A

FIG. 7D

Peptides within pools

	A	B	C	D	E	F	G	H
I	1	2	3	4	5	6	7	8
J	9	10	11	12	13	14	15	16
K	17	18	19	20	21	22	23	24
L	25	26	27	28	29	30	31	32
M	33	34	35	36	37	38	39	40
N	41	42	43	44	45	46	47	48
O	49	50	51	52	53	54	55	56
P	57	58	59					

FIG. 7B

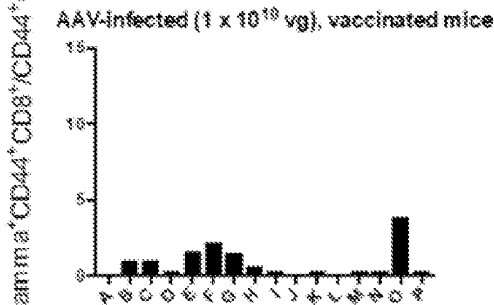
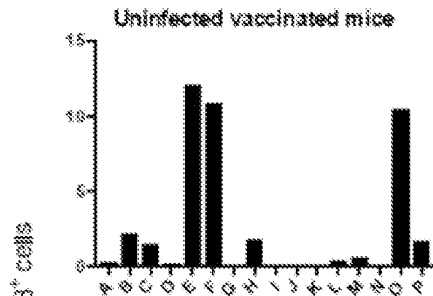


FIG. 7E

1	PLSYQ	HFRKL	LLLDE
2	HFRKL	LLLDE	EAGPL
3	LLLDE	EAGPL	EEELP
4	EAGPL	EEELP	RLADE
5	EEELP	RLADE	GLNRR
6	RLADE	GLNRR	VAEDL
7	GLNRR	VAEDL	NLGNL
8	VAEDL	NLGNL	NVSIP
9	NLGNL	NVSIP	WTHKV
10	NVSIP	WTHKV	GNFTG
11	WTHKV	GNFTG	LYSST
12	GNFTG	LYSST	VPVFN
13	LYSST	VPVFN	PEWQT
14	VPVFN	PEWQT	PSFPK
15	PEWQT	PSFPK	IHLQE
16	PSFPK	IHLQE	DIVDR
17	IHLQE	DIVDR	CKQFV
18	DIVDR	CKQFV	GPLTV
19	CKQFV	GPLTV	NEKRR
20	GPLTV	NEKRR	LKLIM
21	NEKRR	LKLIM	PARFY
22	LKLIM	PARFY	PNVTK
23	PARFY	PNVTK	YLPLD
24	PNVTK	YLPLD	KGIKP
25	YLPLD	KGIKP	YYPEH
26	KGIKP	YYPEH	AVNHY
27	YYPEH	AVNHY	FQTRH
28	AVNHY	FQTRH	YLHTL
29	FQTRH	YLHTL	WKAGI
30	YLHTL	WKAGI	LYKRE
31	WKAGI	LYKRE	TTRSA
32	LYKRE	TTRSA	SFCGS
33	TTRSA	SFCGS	PYSWE
34	SFCGS	PYSWE	QELQH
35	PYSWE	QELQH	GSCWW
36	QELQH	GSCWW	LQFRN
37	GSCWW	LQFRN	SKPCS
38	LQFRN	SKPCS	EYCLT
39	SKPCS	EYCLT	HLVNL
40	EYCLT	HLVNL	LEDWG
41	HLVNL	LEDWG	PCDEH
42	LEDWG	PCDEH	GEHHI
43	PCDEH	GEHHI	RIPRT
44	GEHHI	RIPRT	PARVT
45	RIPRT	PARVT	GGVFL
46	PARVT	GGVFL	VDKNP
47	GGVFL	VDKNP	HNTAE
48	VDKNP	HNTAE	SRLVV
49	HNTAE	SRLVV	DFSQF
50	SRLVV	DFSQF	SRGIT
51	DFSQF	SRGIT	RVSWP
52	SRGIT	RVSWP	KFAVP
53	RVSWP	KFAVP	NLQSL
54	KFAVP	NLQSL	TNLLS
55	NLQSL	TNLLS	SNLSW
56	TNLLS	SNLSW	LSLDV
57	SNLSW	LSLDV	SAAFY
58	LSLDV	SAAFY	HIPLH
59	SAAFY	HIPLH	HPAAMP

FIG. 8A

Uninfected vaccinated mice

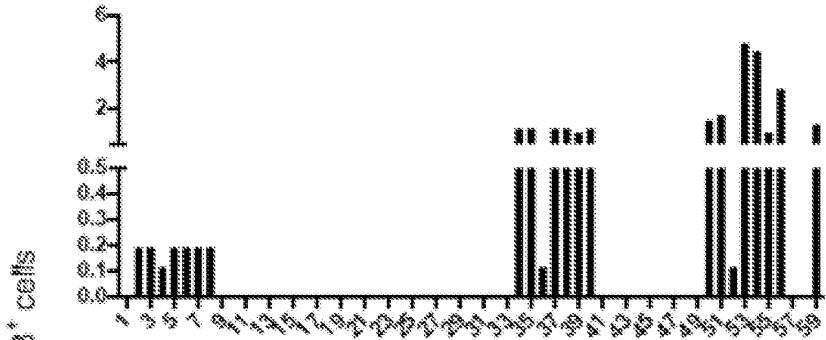


FIG. 8B

AAV-infected (1×10^{10} vg), vaccinated mice

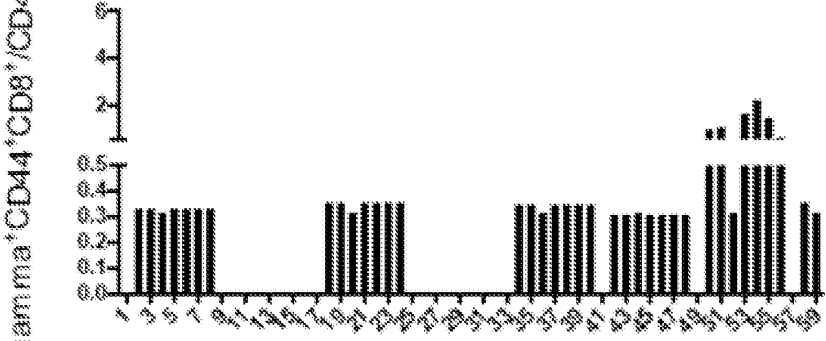
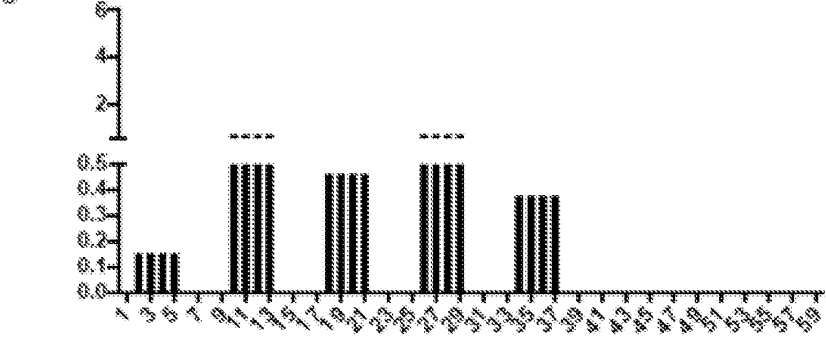


FIG. 8C

AAV-infected (1.5×10^{11} vg), vaccinated mice



Peptides

FIG. 9A

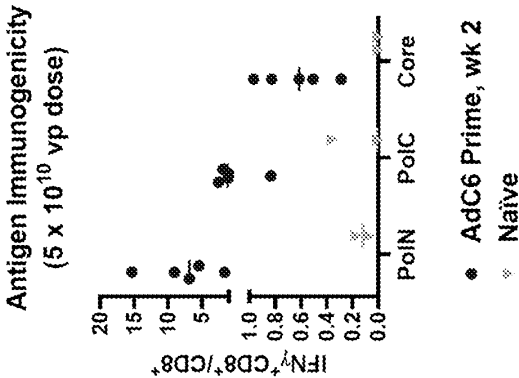


FIG. 9B

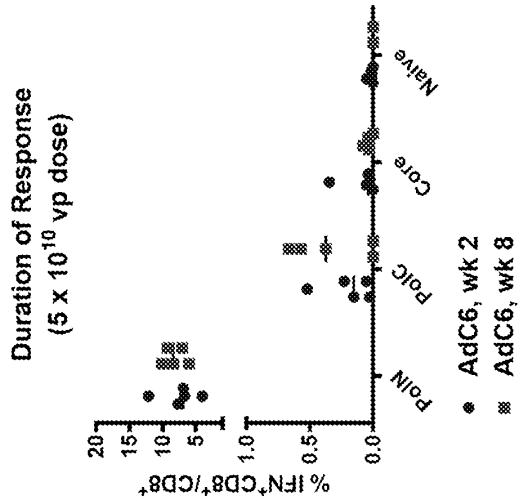


FIG. 9C

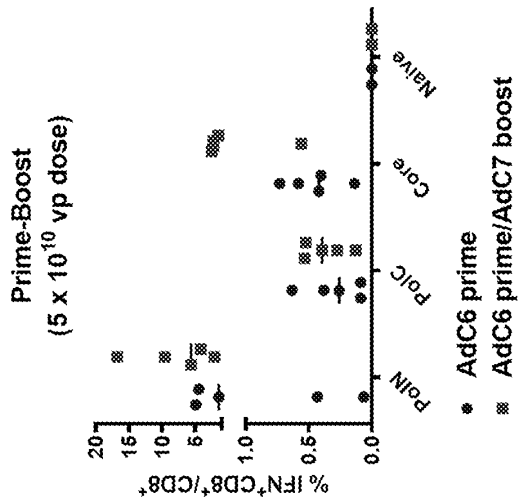


FIG. 10

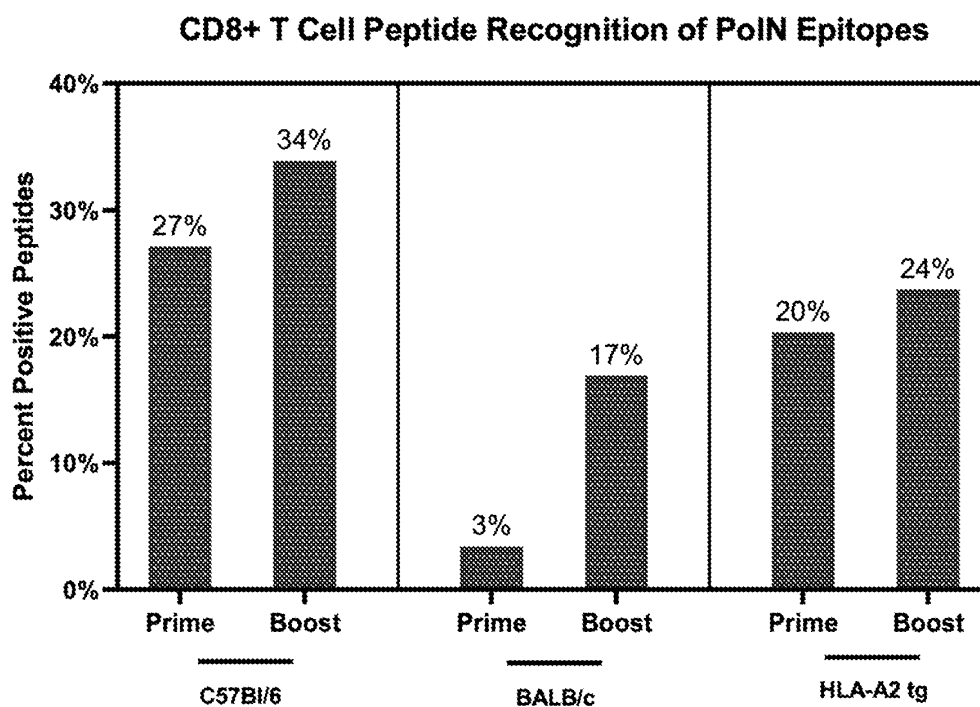


FIG. 11B

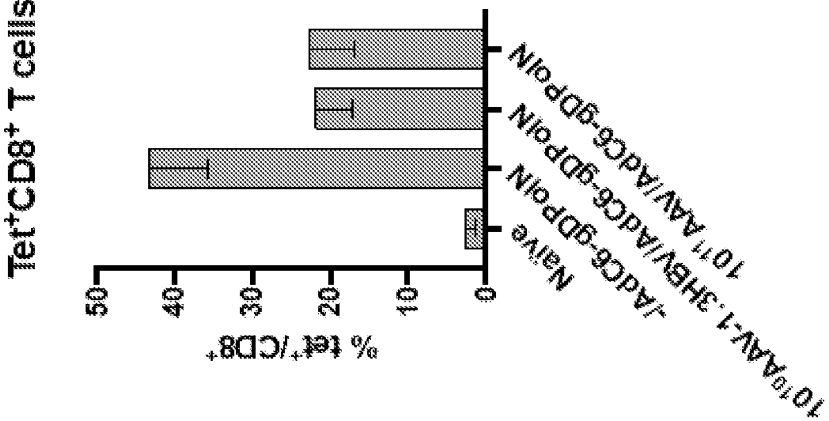


FIG. 11A

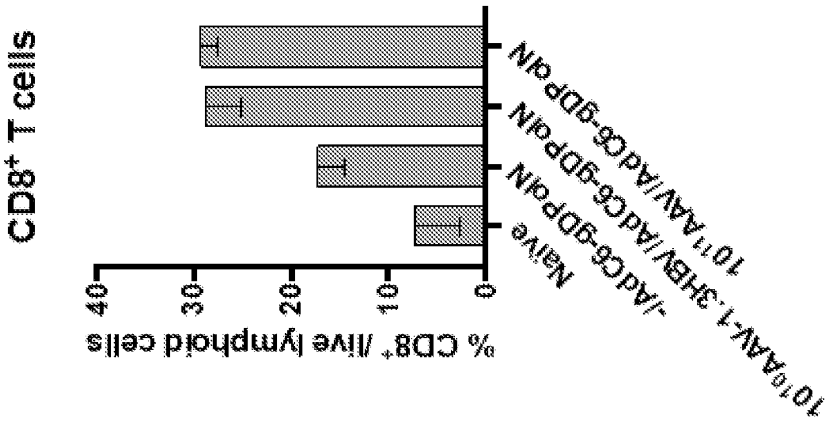
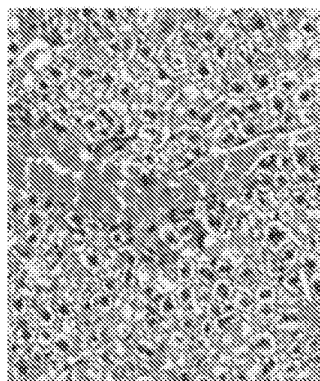
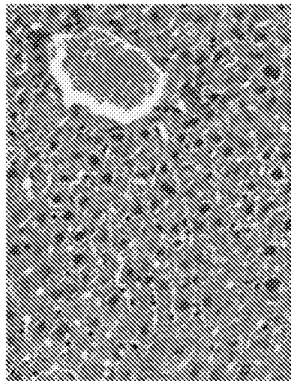


FIG. 12A



-/AdC6-gDPoIN

FIG. 12B



10¹¹ vg AAV8-1.3HBV

FIG. 12C

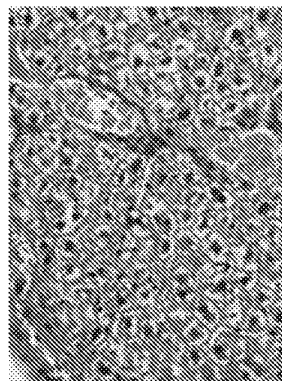


FIG. 12D

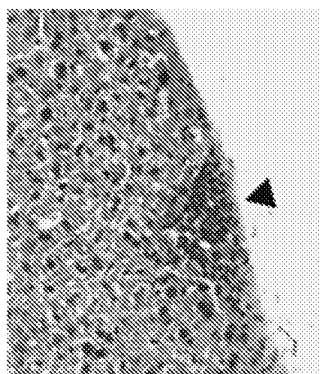


FIG. 12E

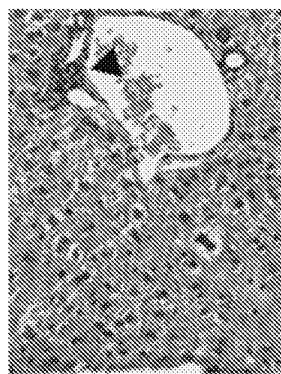
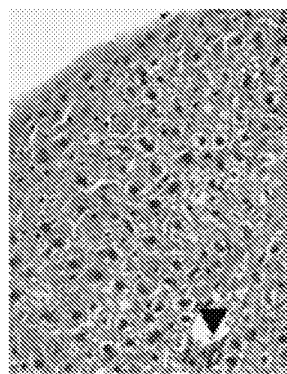


FIG. 12F



10¹¹ vg AAV8-1.3HBV / AdC6-gDPoIN

FIG. 13A

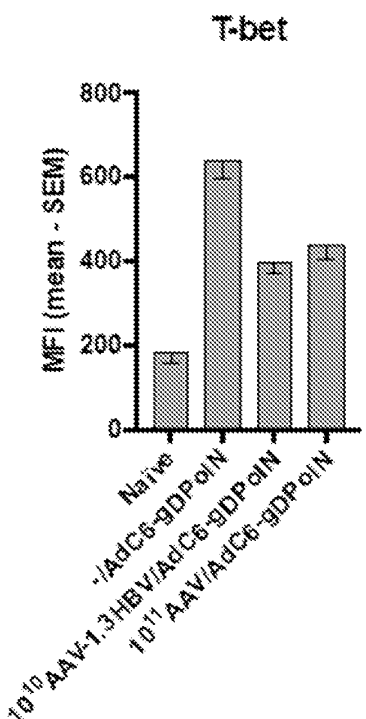


FIG. 13B

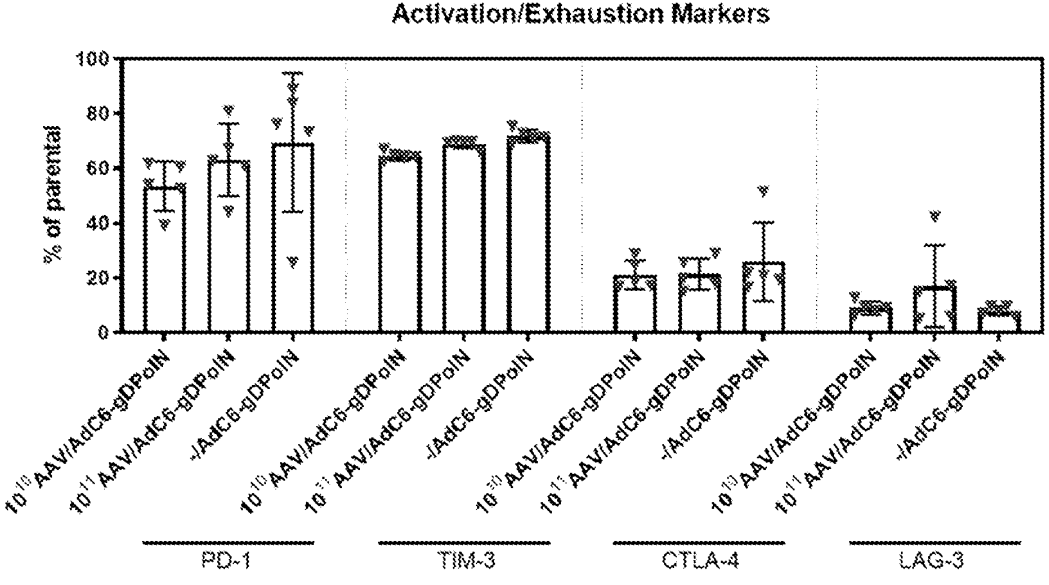


FIG. 14A

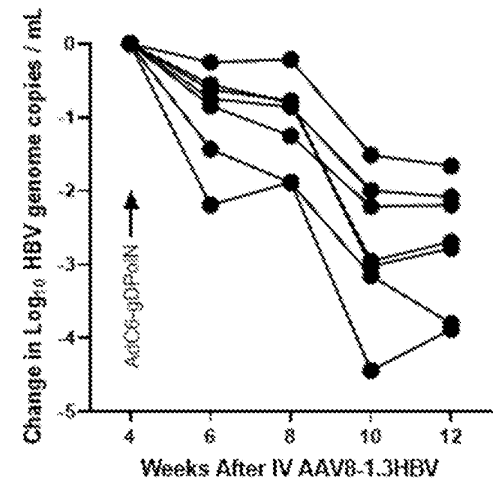


FIG. 14B

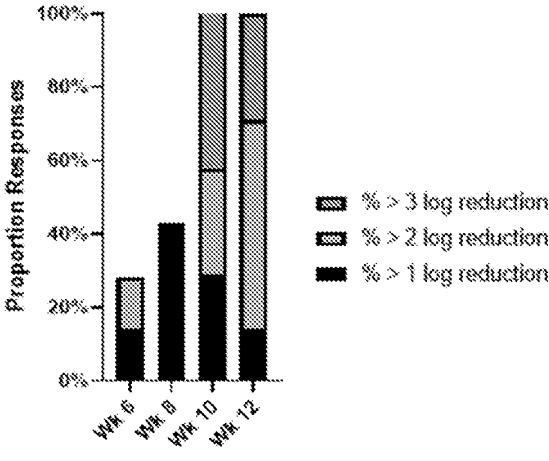


FIG. 15A

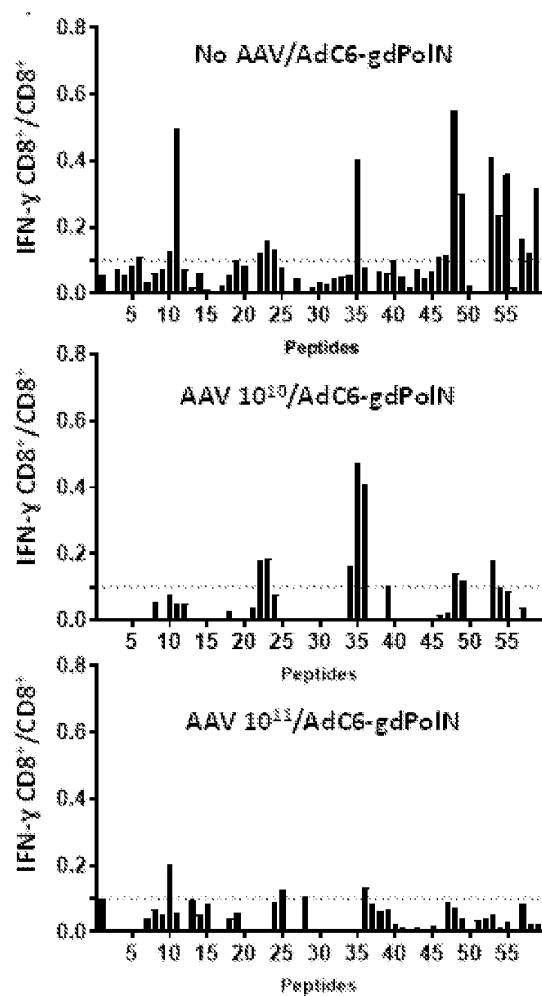


FIG. 15B

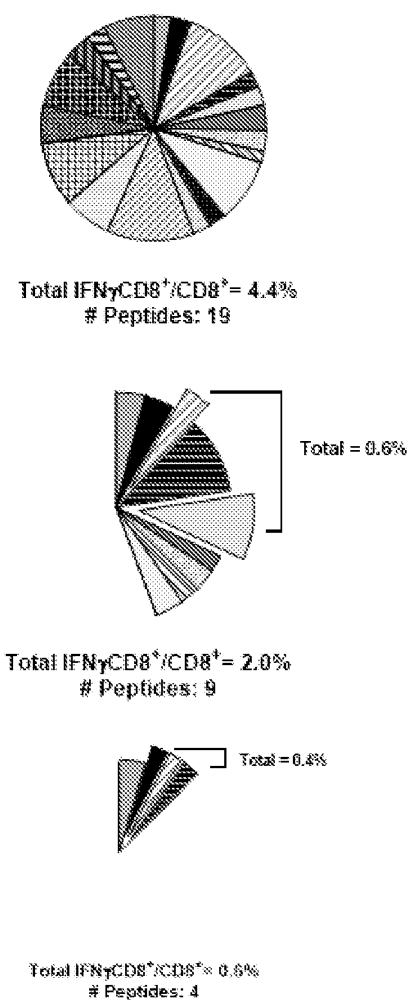


FIG. 16

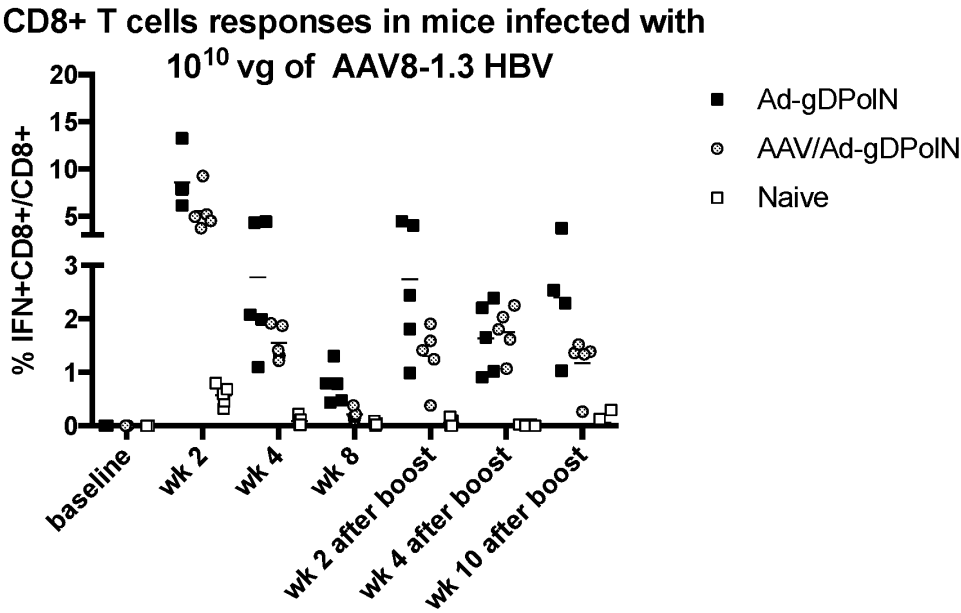


FIG. 17A

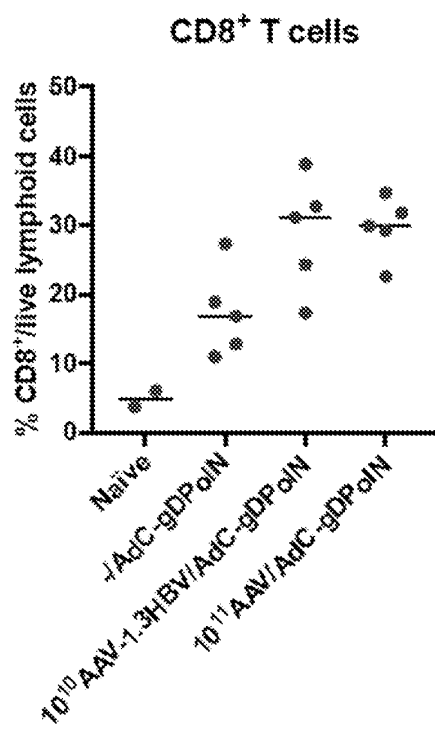


FIG. 17B

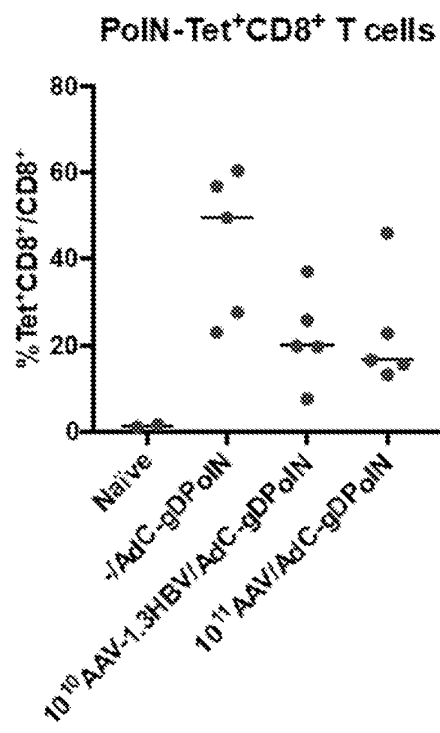


FIG. 18A

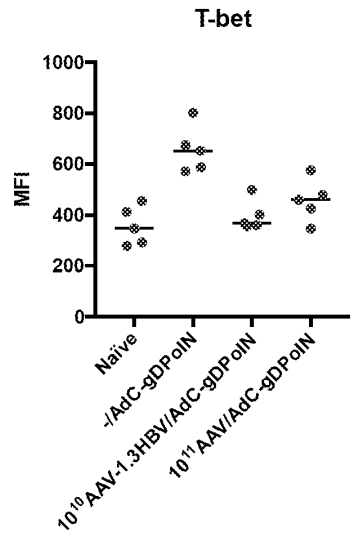


FIG. 18B

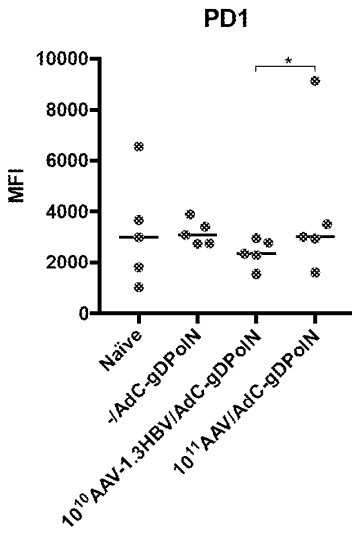


FIG. 18C

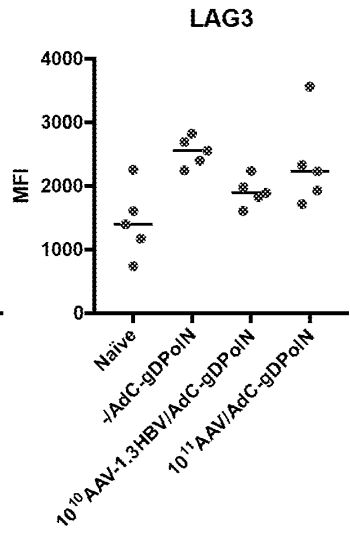


FIG. 18D

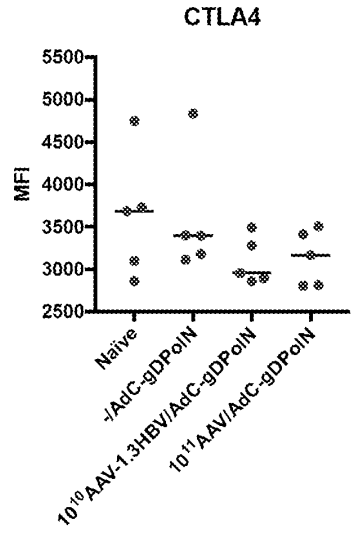


FIG. 18E

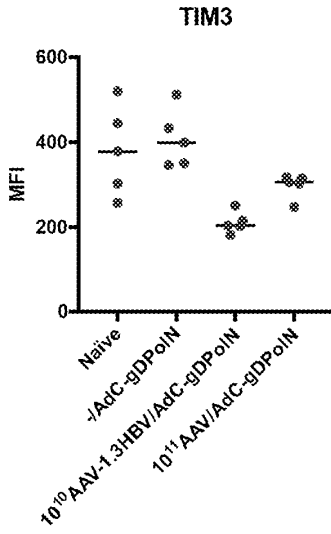


FIG. 18F

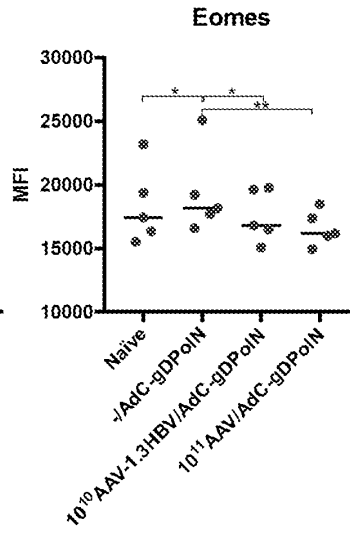


FIG. 19A

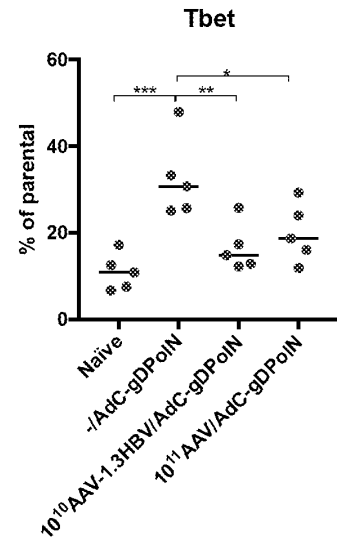


FIG. 19B

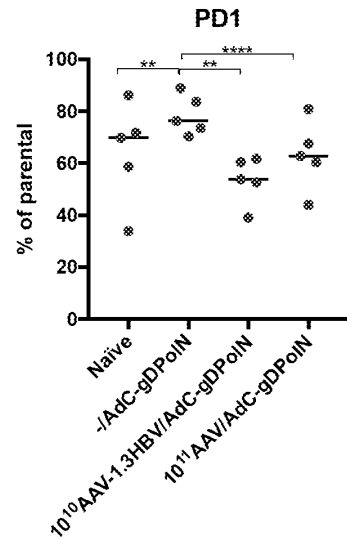


FIG. 19C

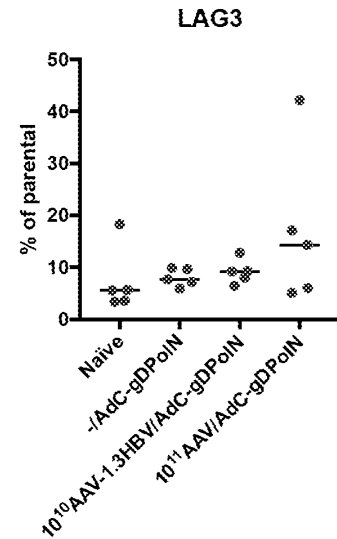


FIG. 19D

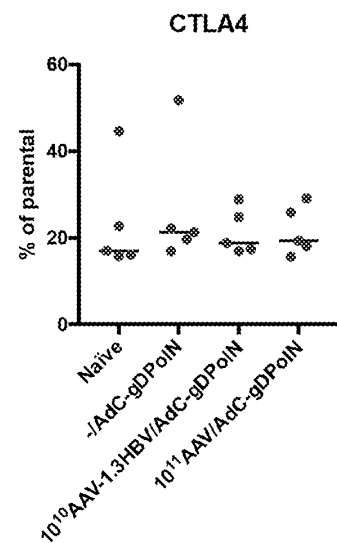


FIG. 19E

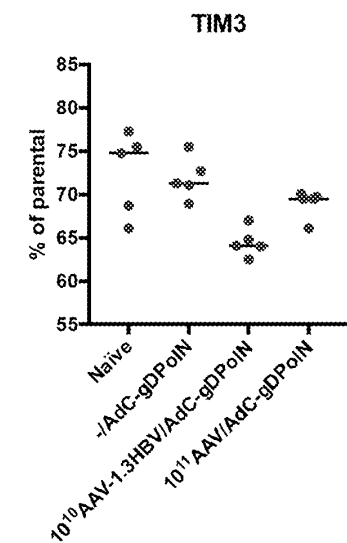


FIG. 19F

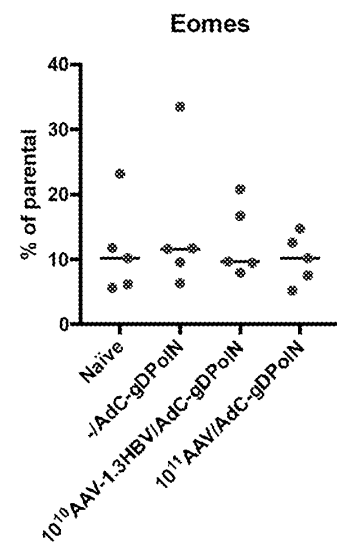


FIG. 20A

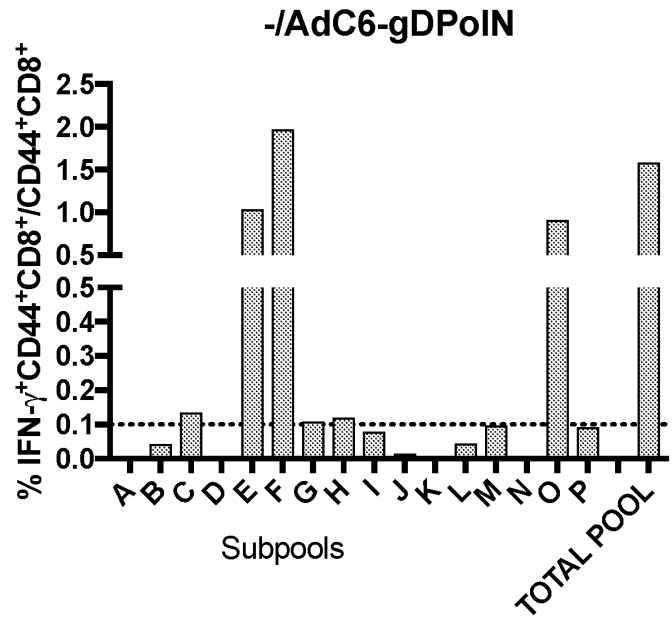


FIG. 20B

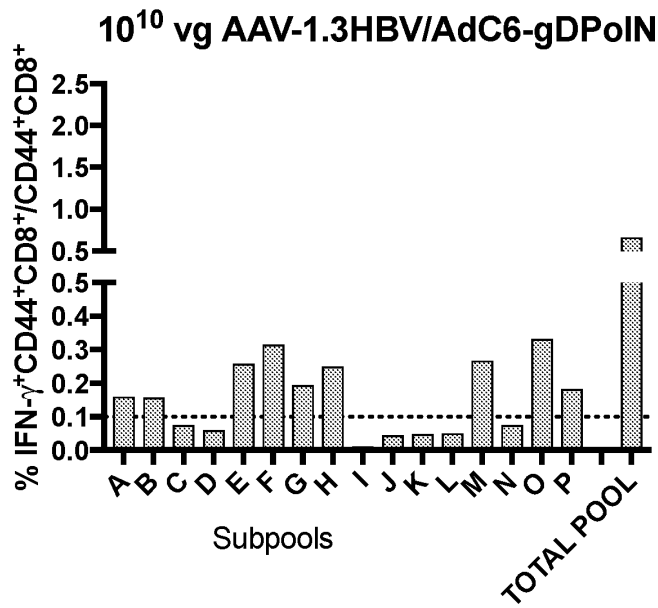


FIG. 20C

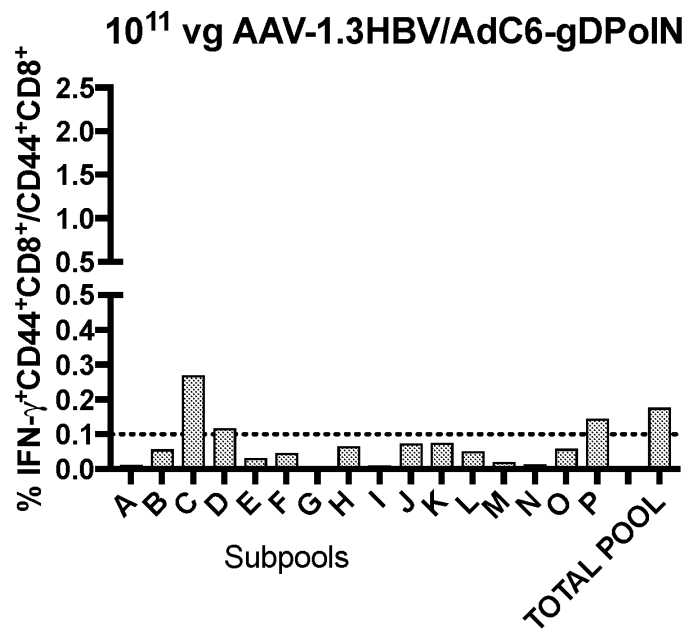


FIG. 20D

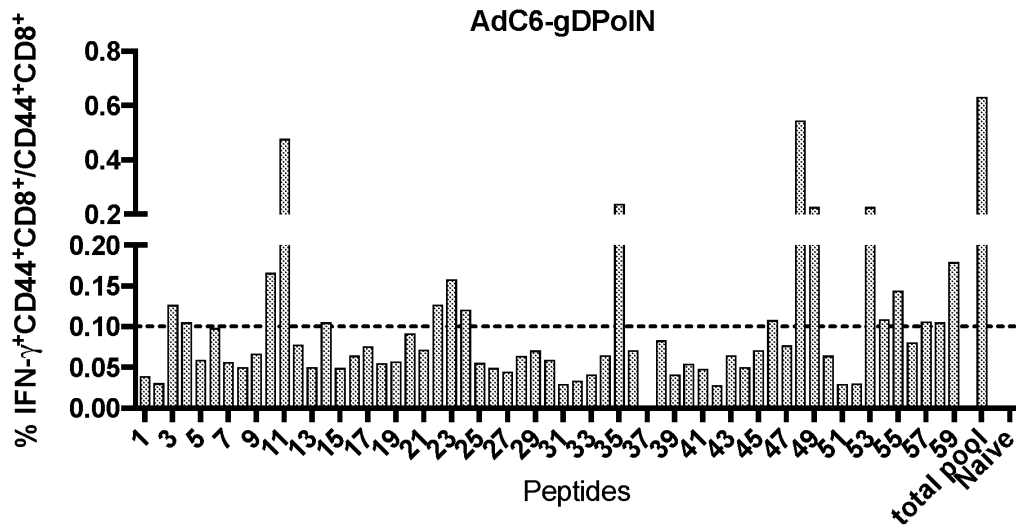


FIG. 20E

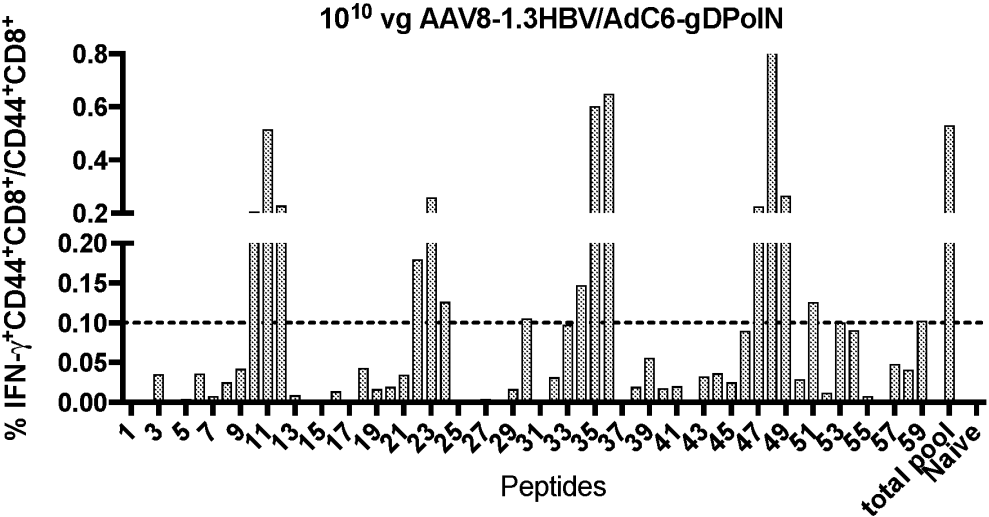


FIG. 20F

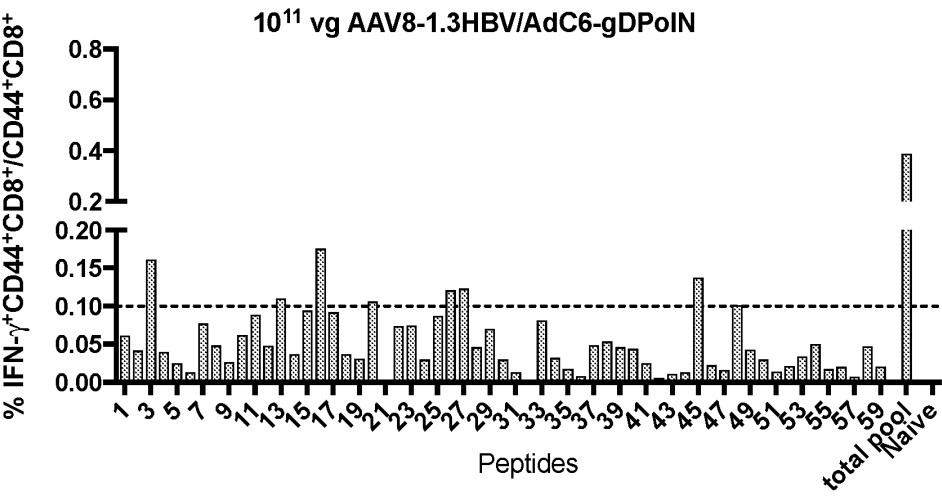


FIG. 21A

**AAV8-1.3 HBV/AdC6-gDPoIN prime $\pm$ AdC7-gDPoIN boost:
Functions of PoIN-specific CD8⁺ cells**

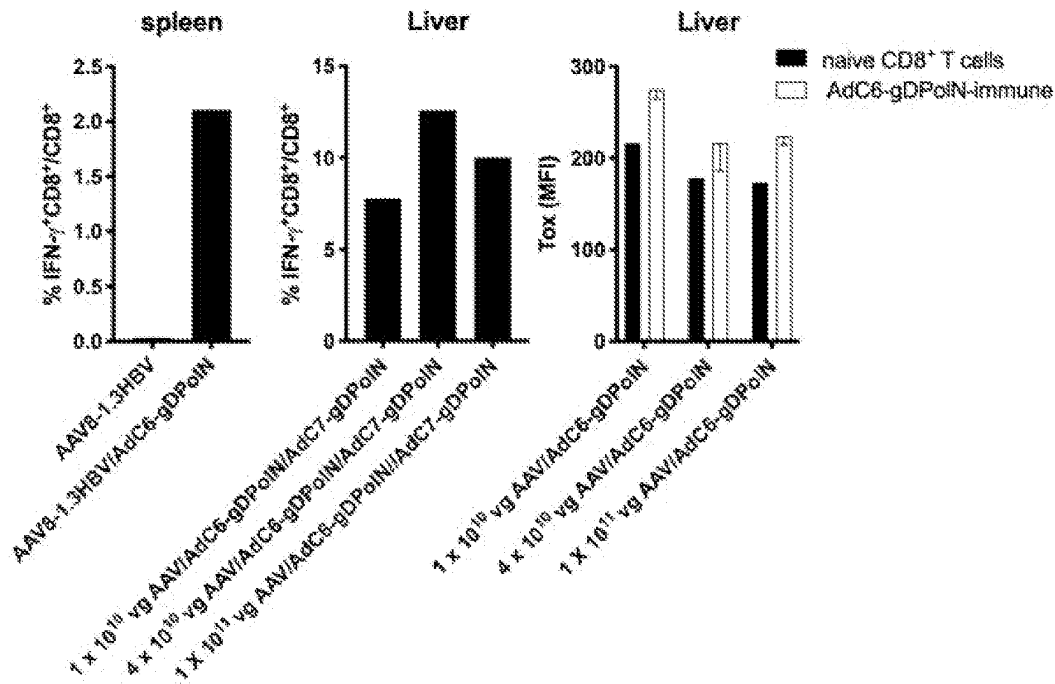


FIG. 21B

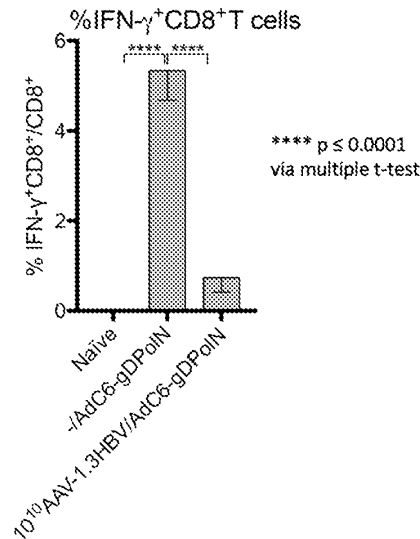


FIG. 22A

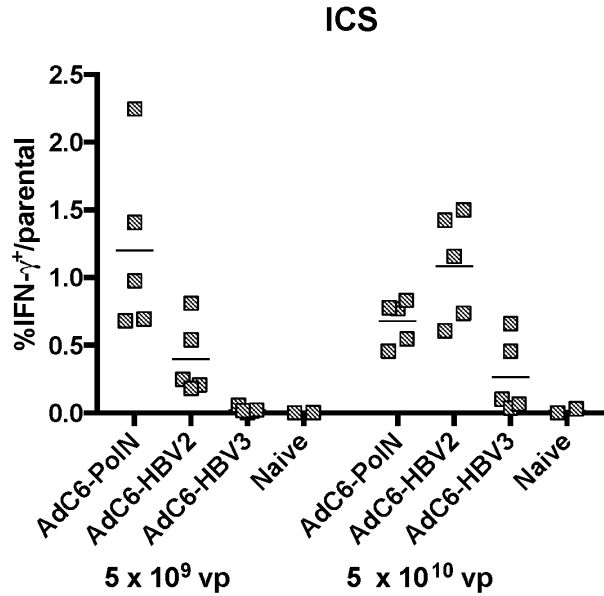


FIG. 22B

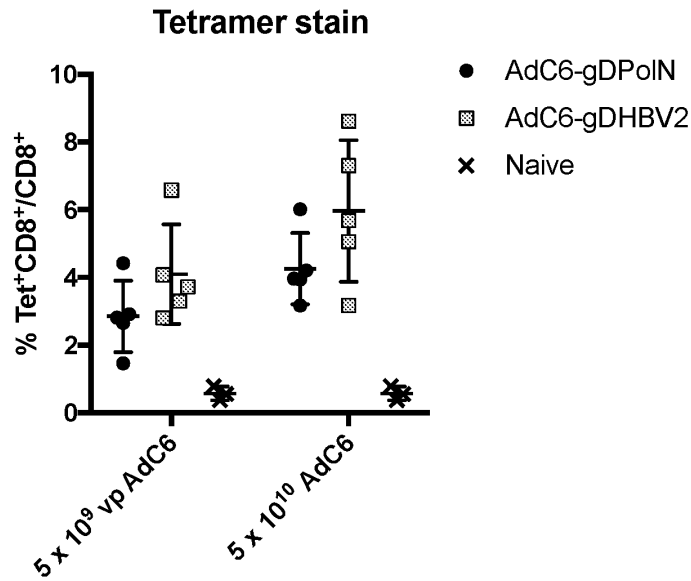


FIG. 23

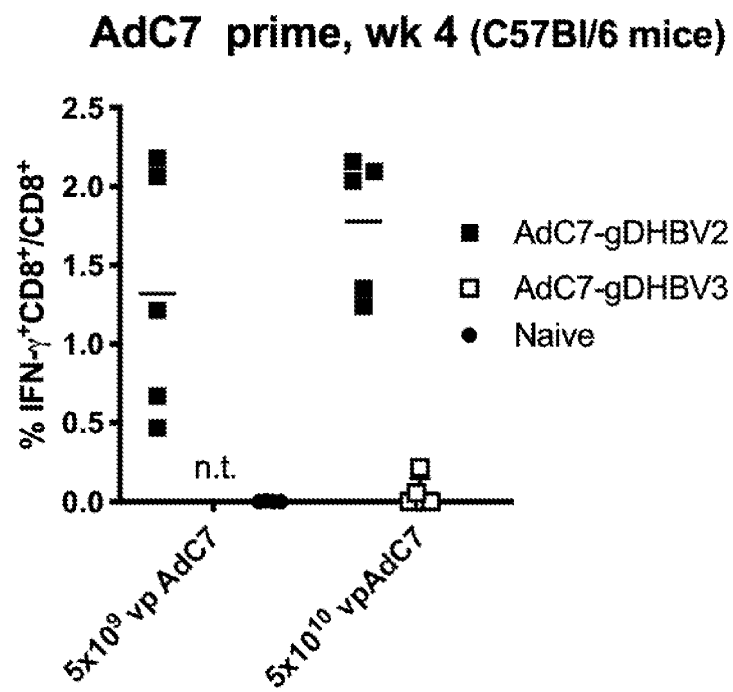


FIG. 24A

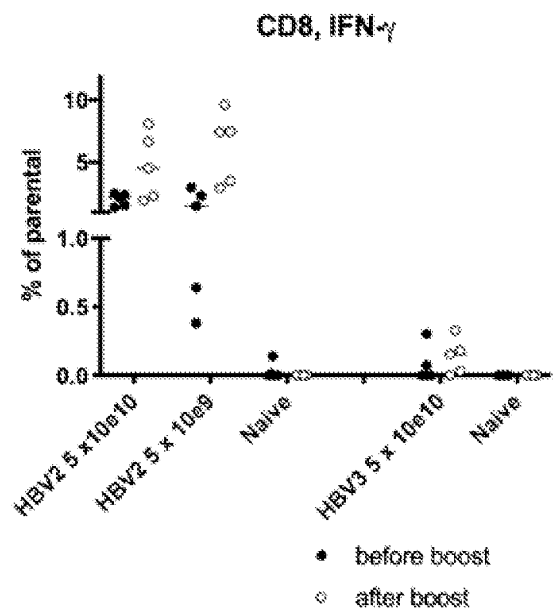


FIG. 24B

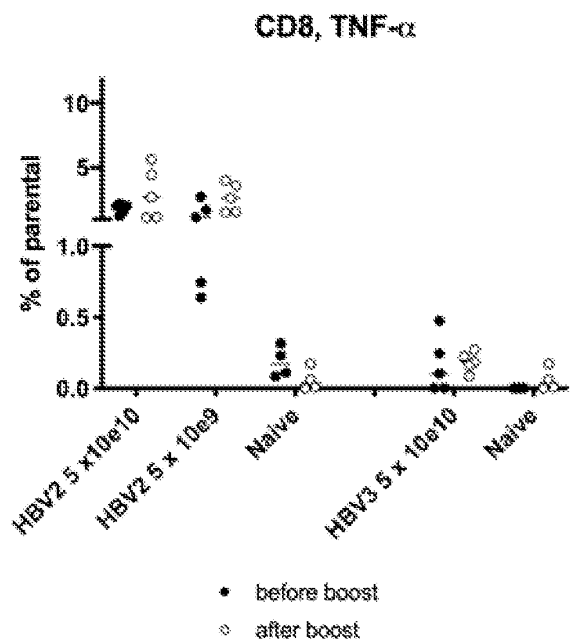


FIG. 24C

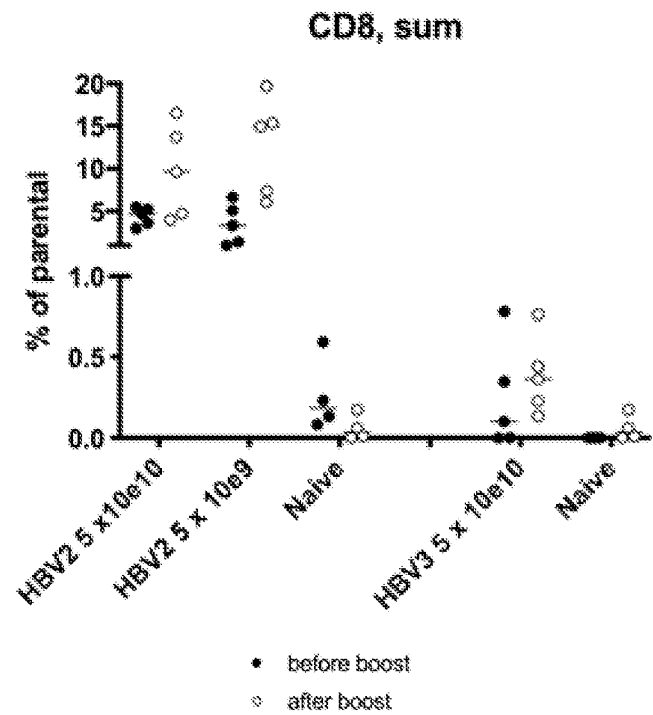


FIG. 24D

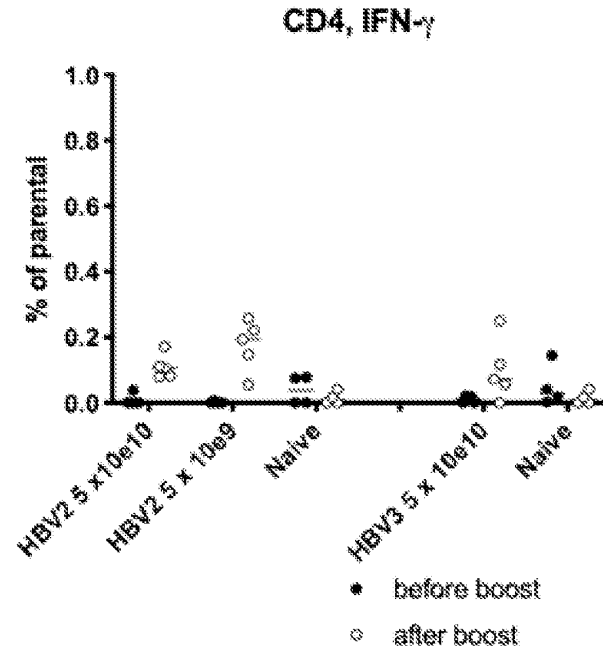


FIG. 24E

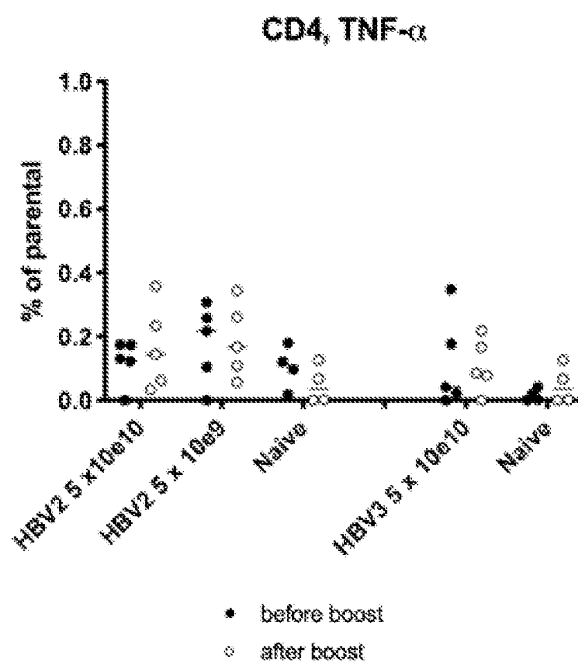


FIG. 24F

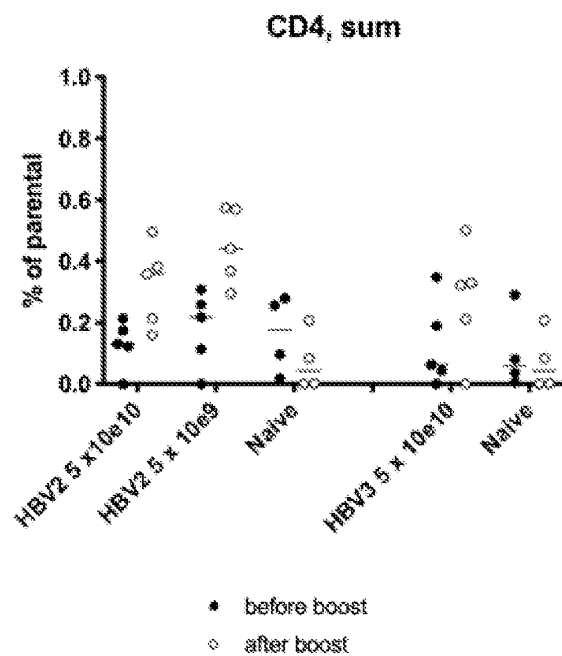


FIG. 25A

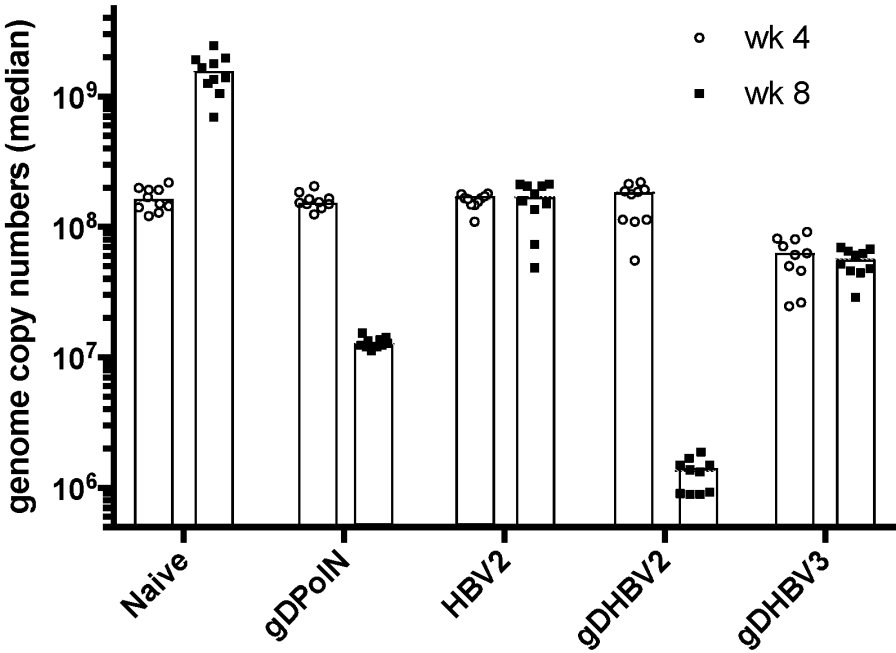


FIG. 25B

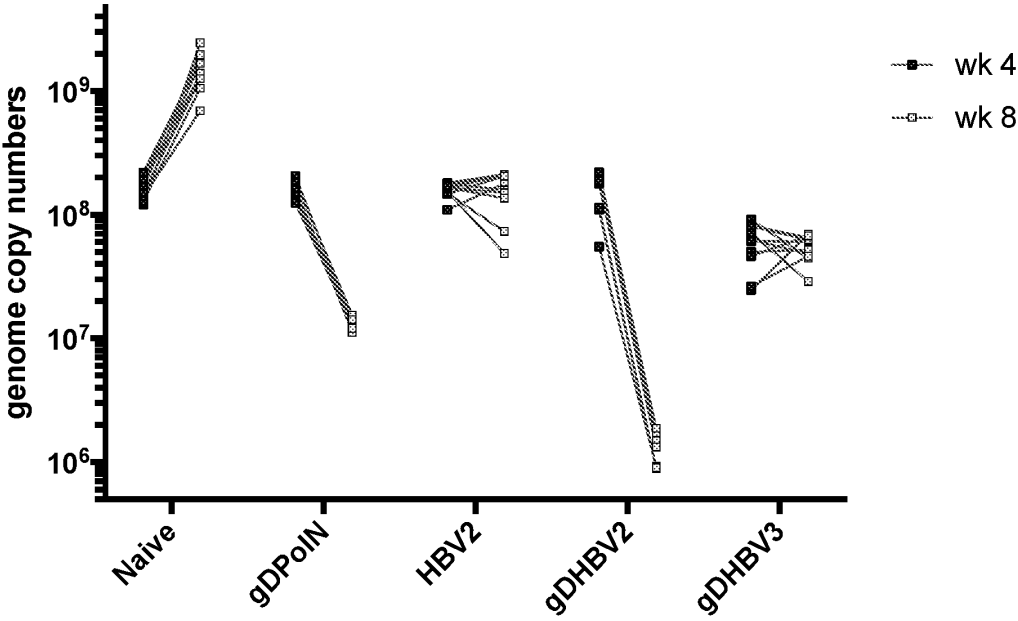


FIG. 26A

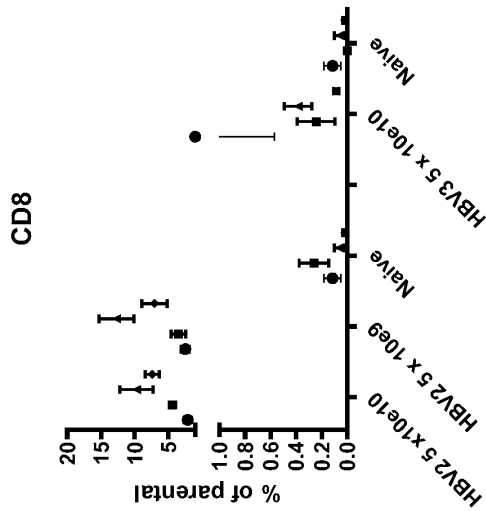


FIG. 26B

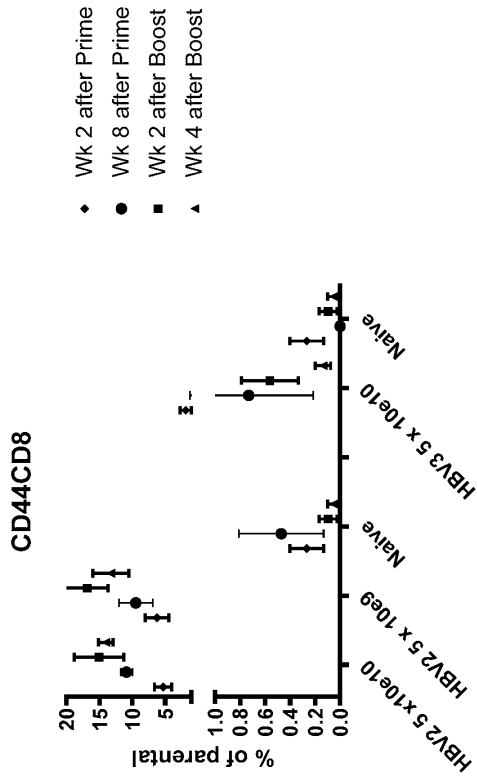


FIG. 26C

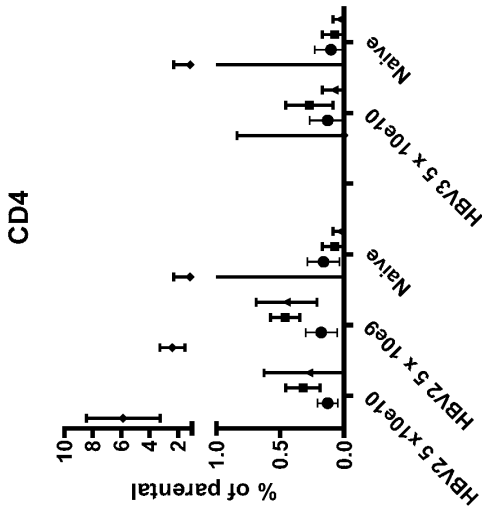


FIG. 26D

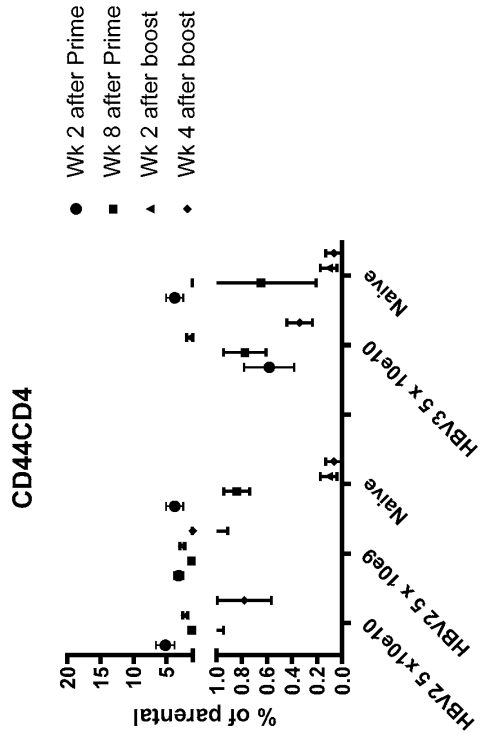


FIG. 27A

after prime

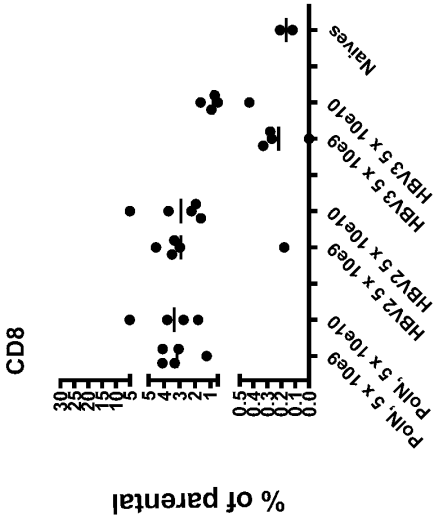


FIG. 27B

wk 2 after boost

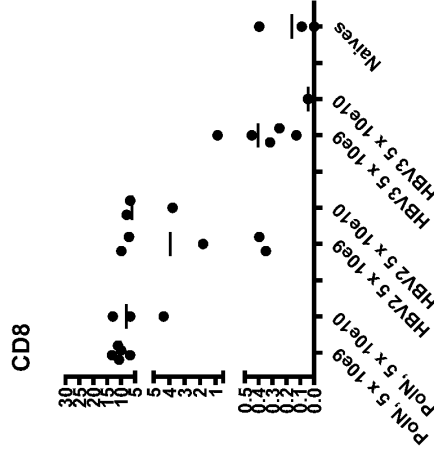


FIG. 27C

wk 4 after boost

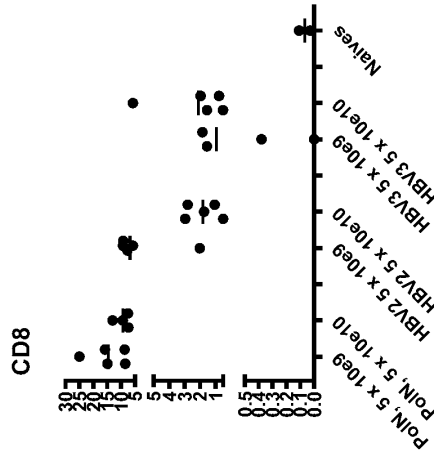


FIG. 28A

after prime

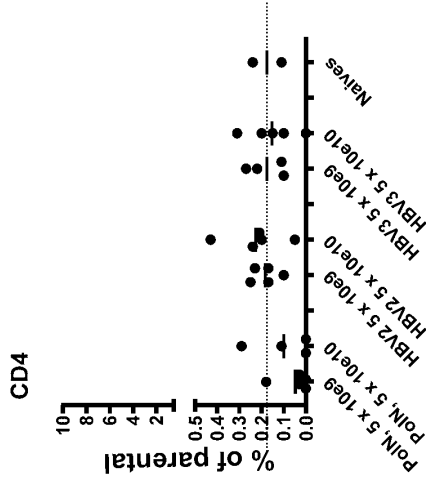


FIG. 28B

wk 2 after boost

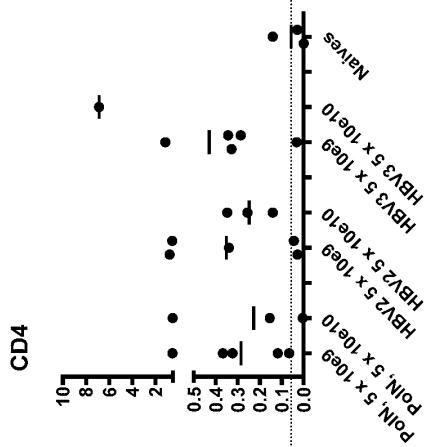


FIG. 28C

wk 4 after boost

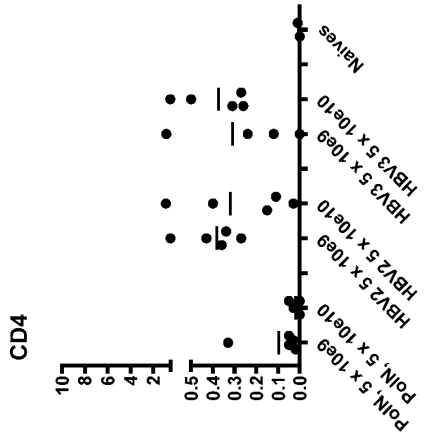


FIG. 29A

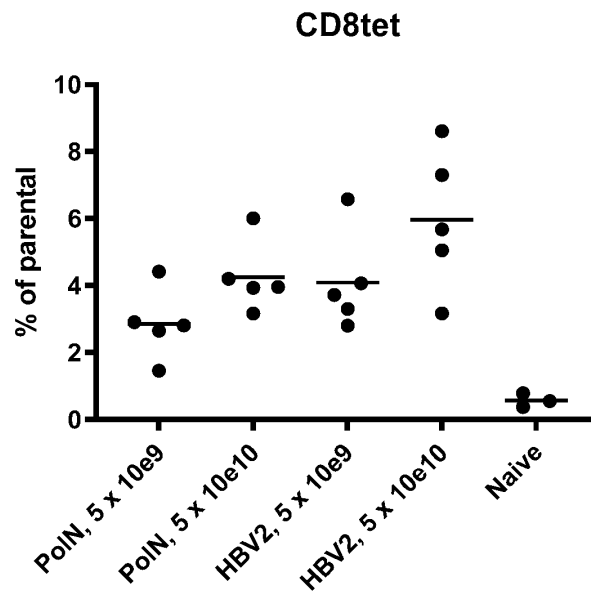


FIG. 29B

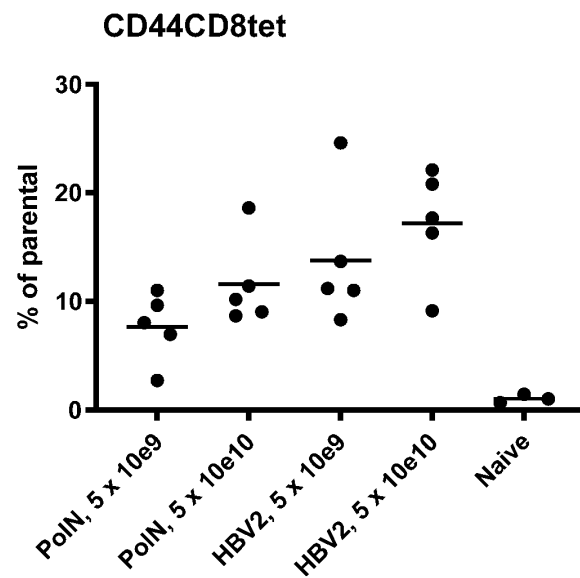


FIG. 30A

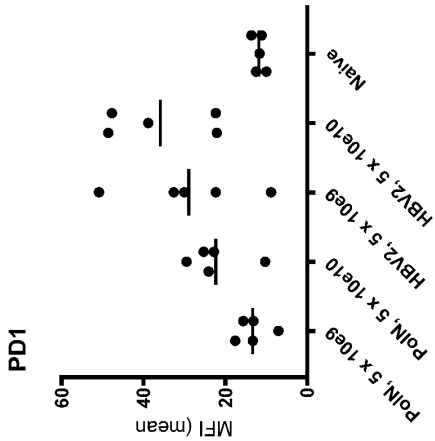


FIG. 30B

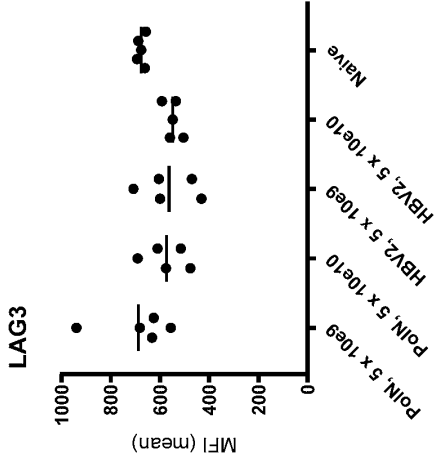


FIG. 30C

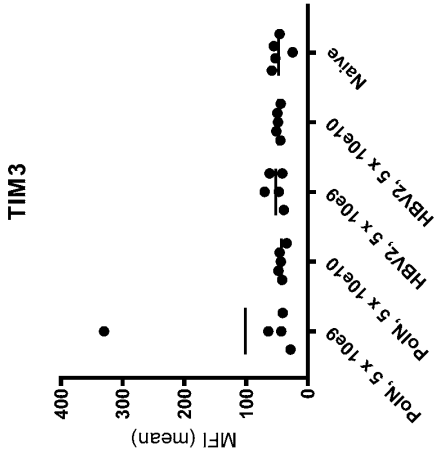


FIG. 30F

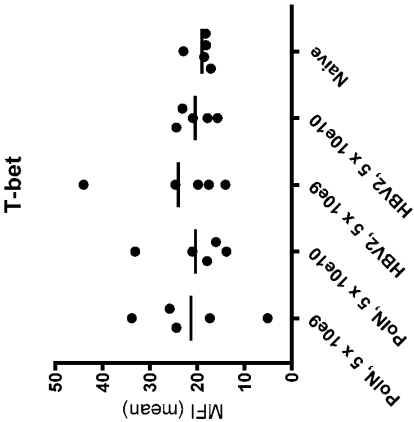


FIG. 30E

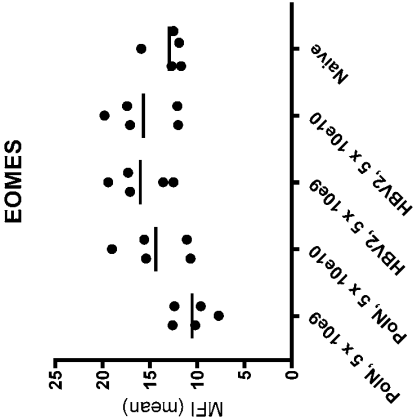


FIG. 30D

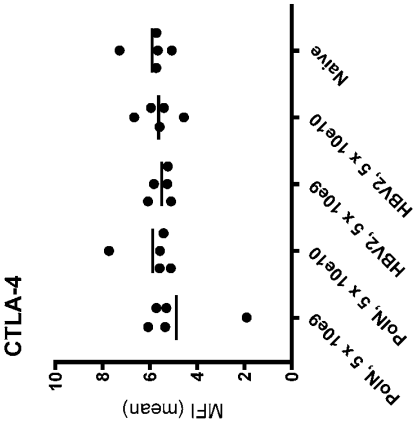


FIG. 31

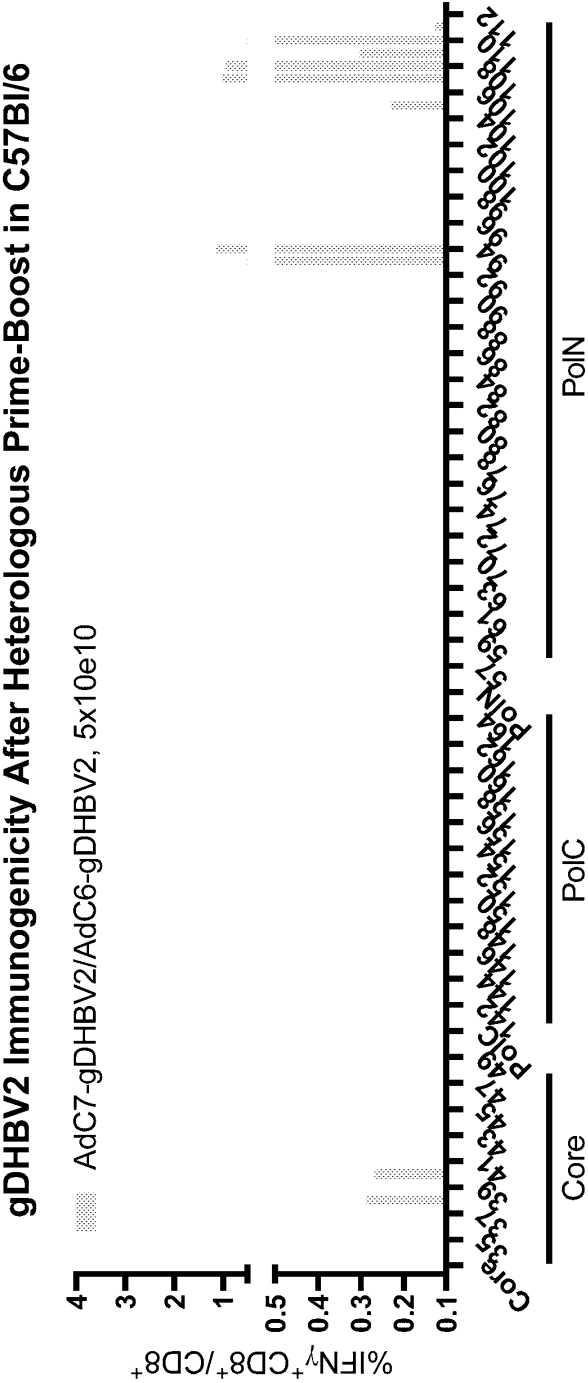


FIG. 32

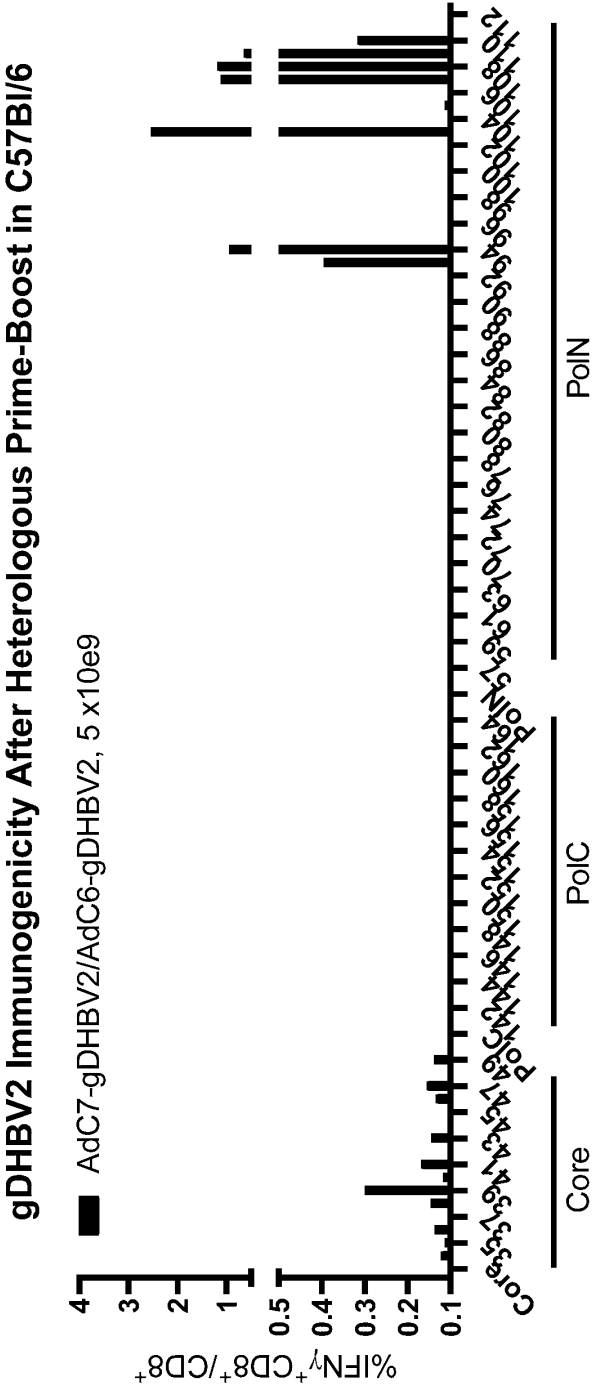


FIG. 33

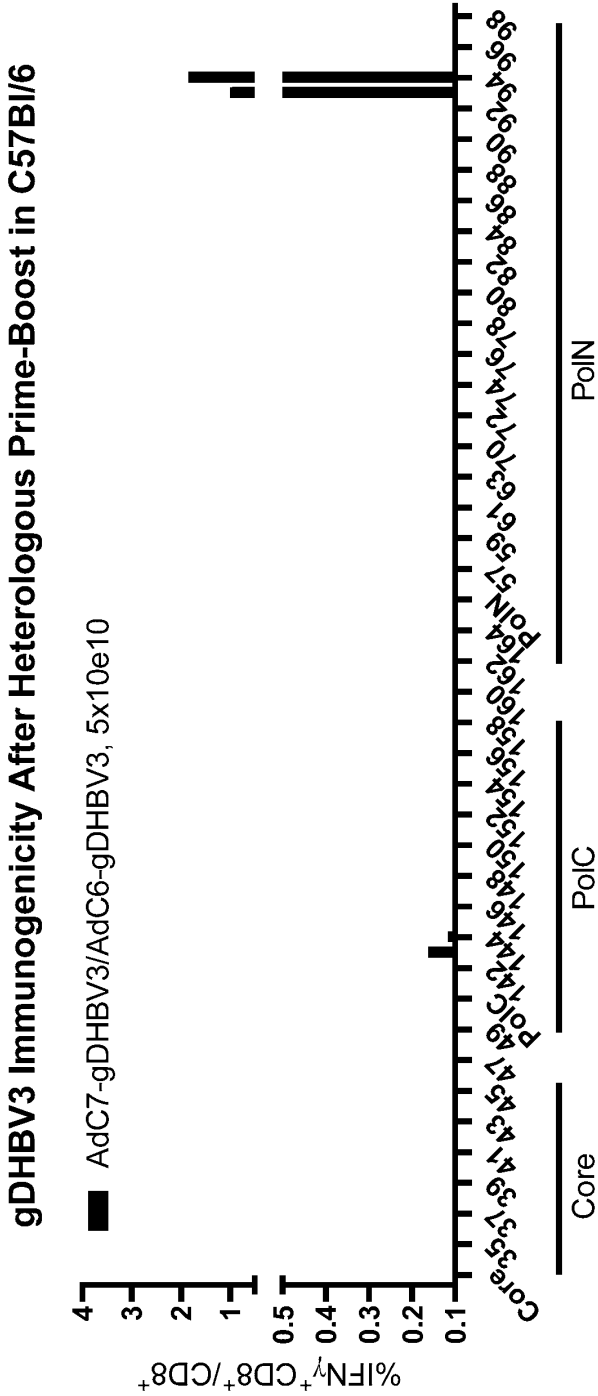


FIG. 34

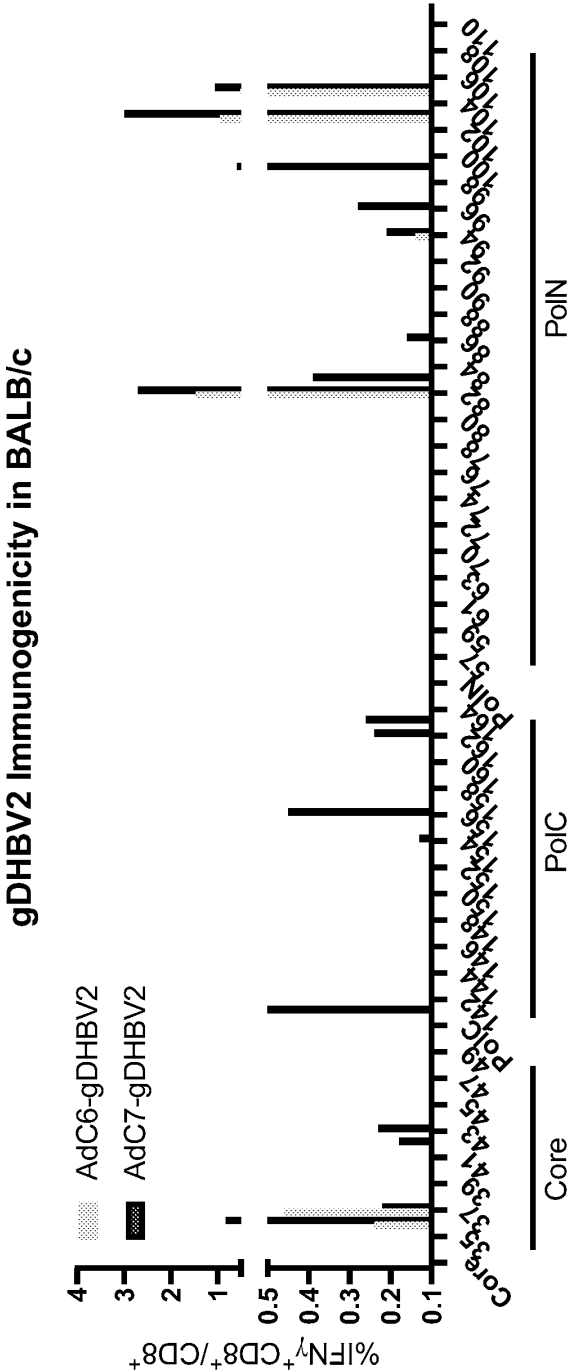


FIG. 35

