

Figure 1A

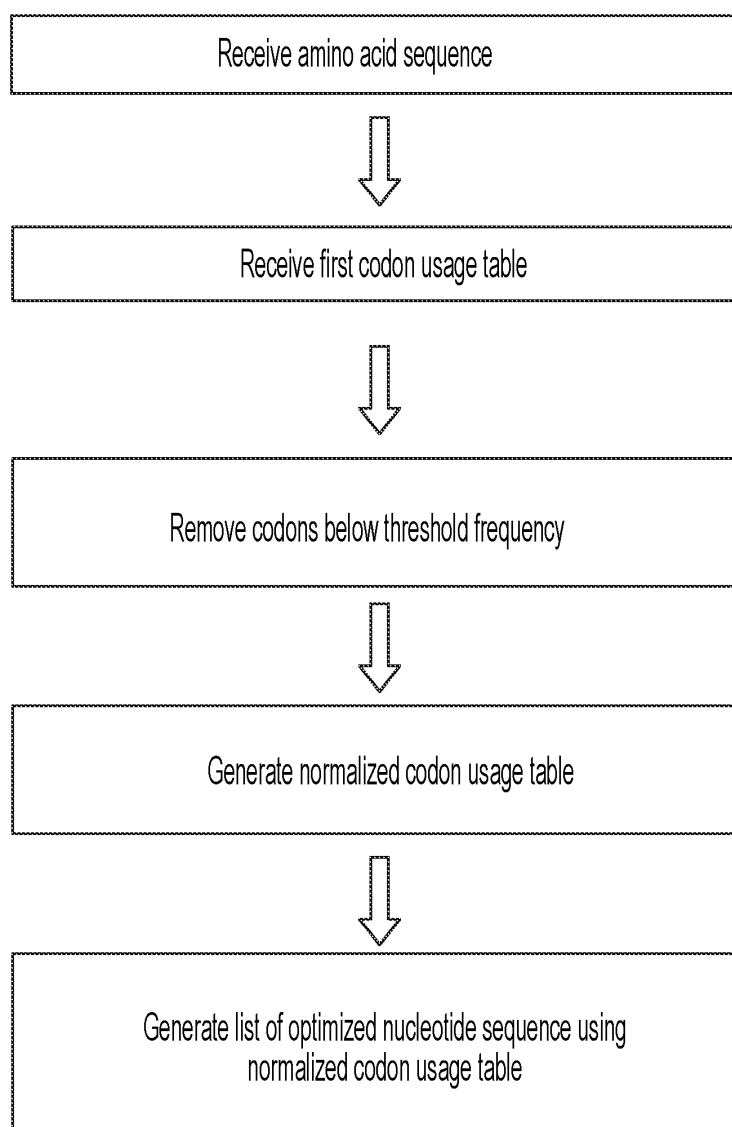


Figure 1B

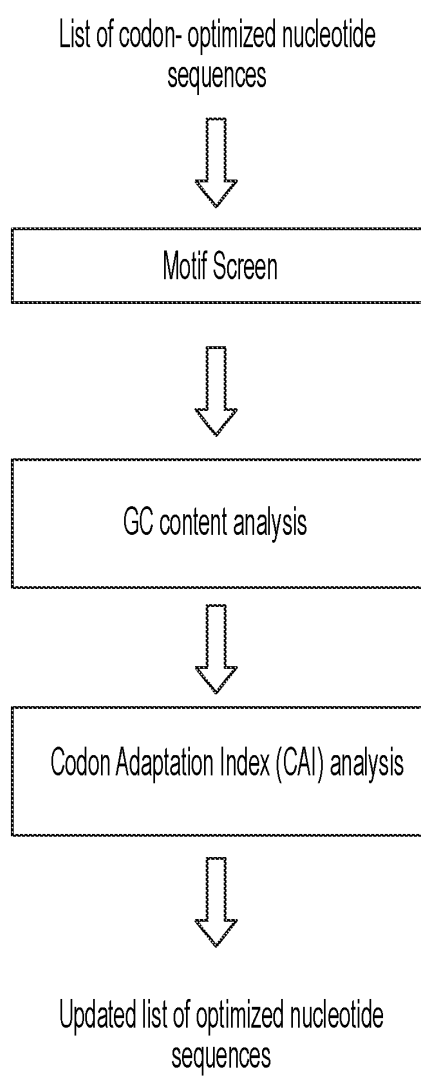


Figure 2

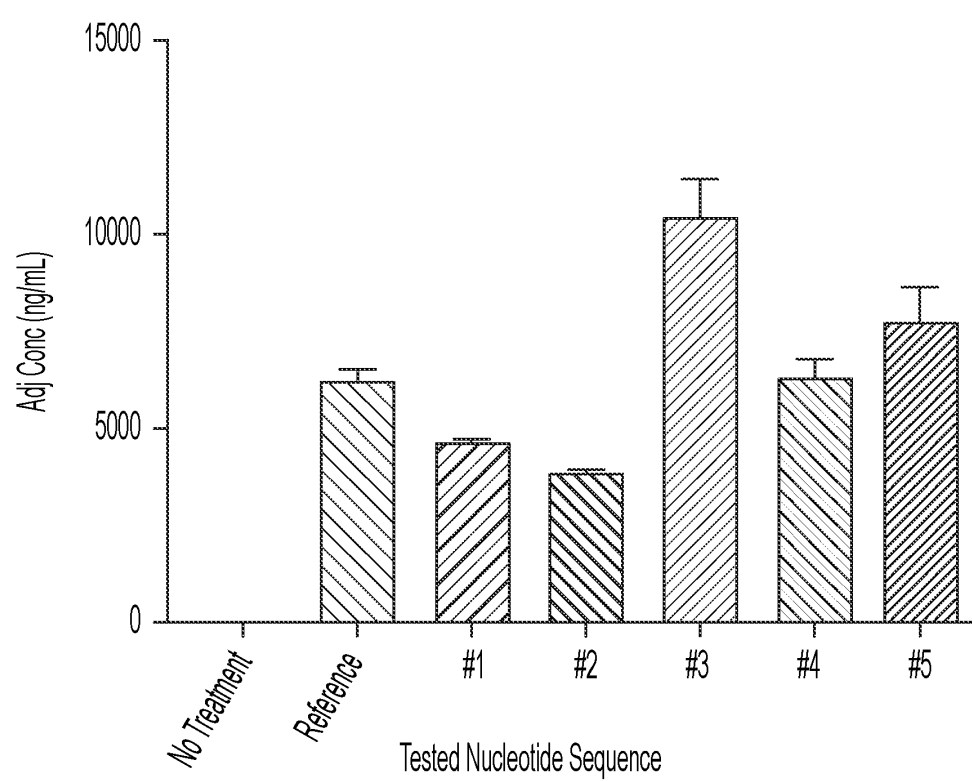
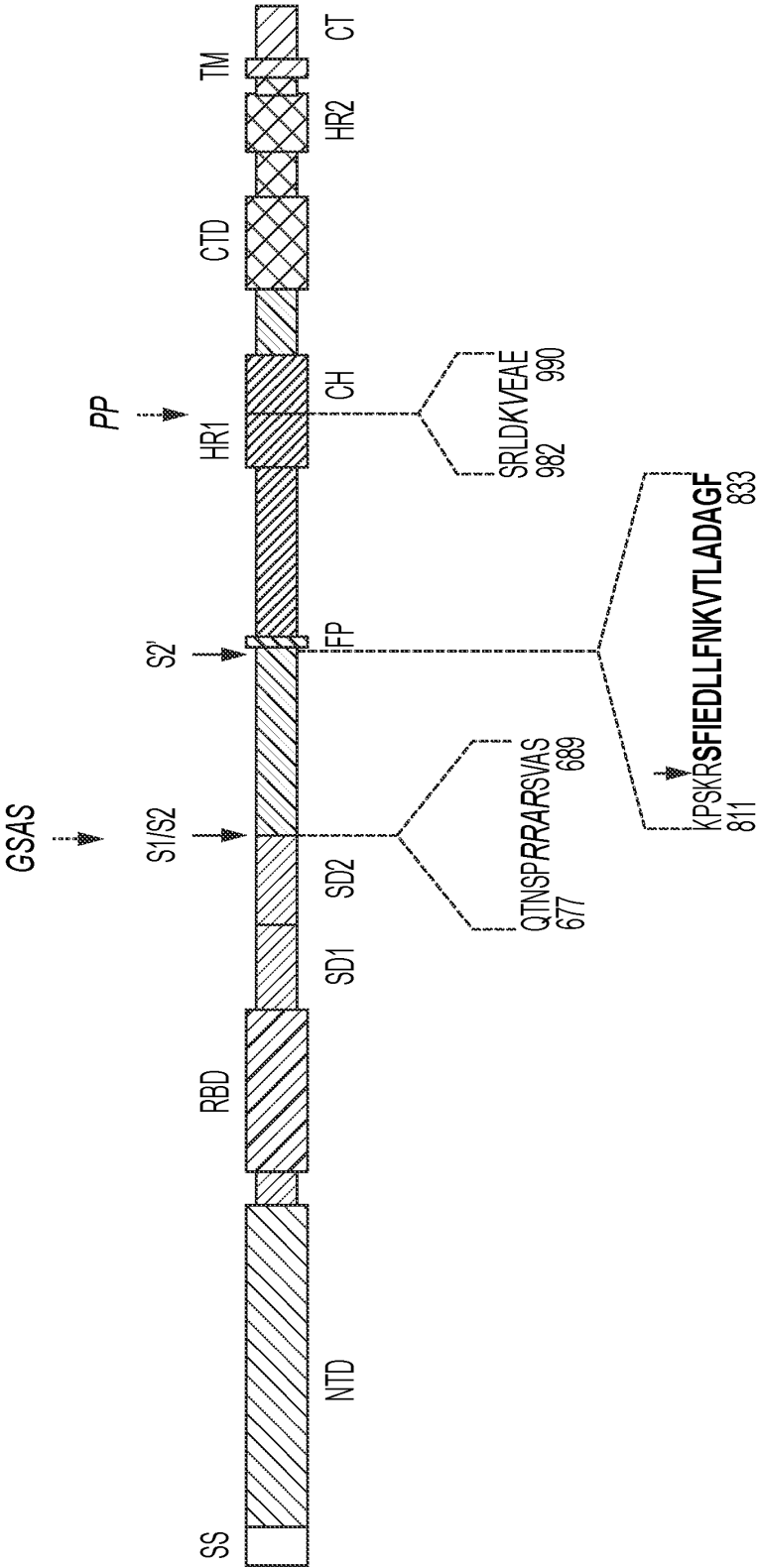


Figure 3



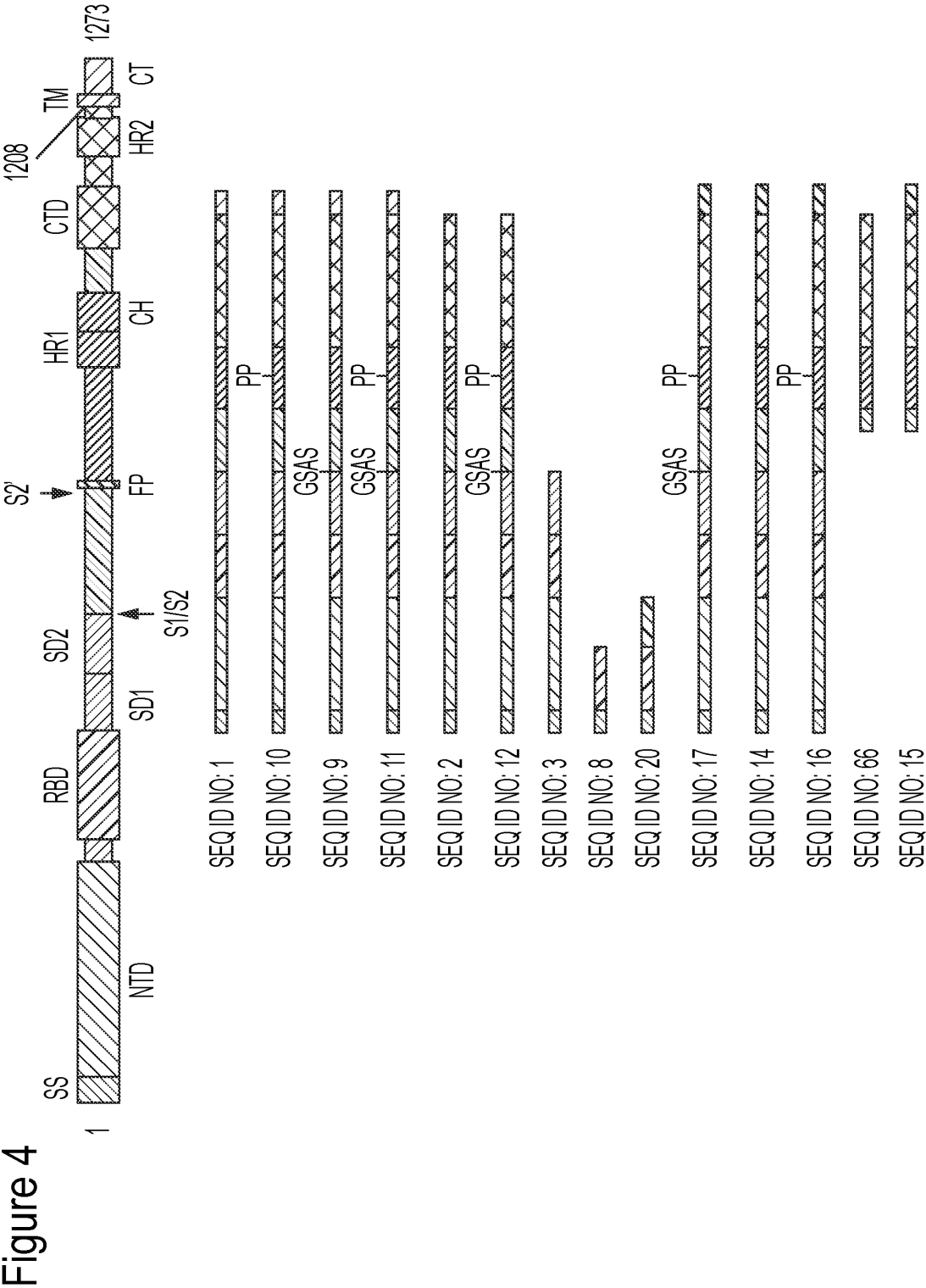


Figure 4 CONTINUED

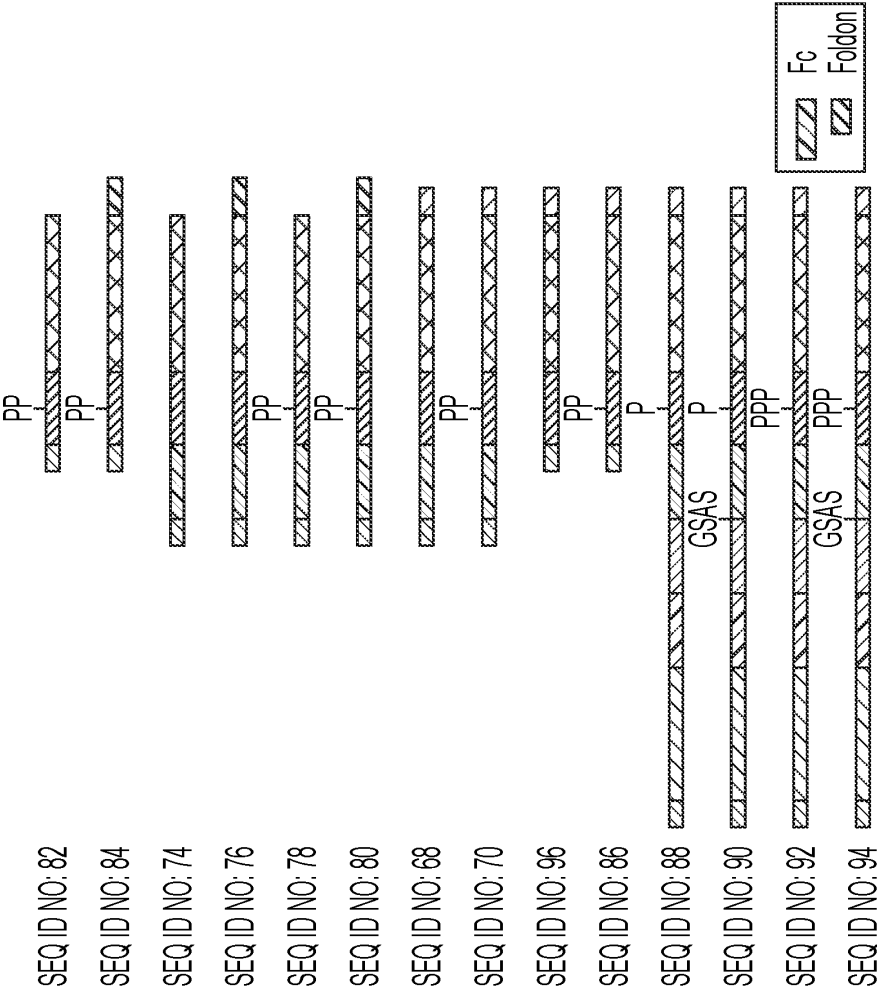


Figure 5

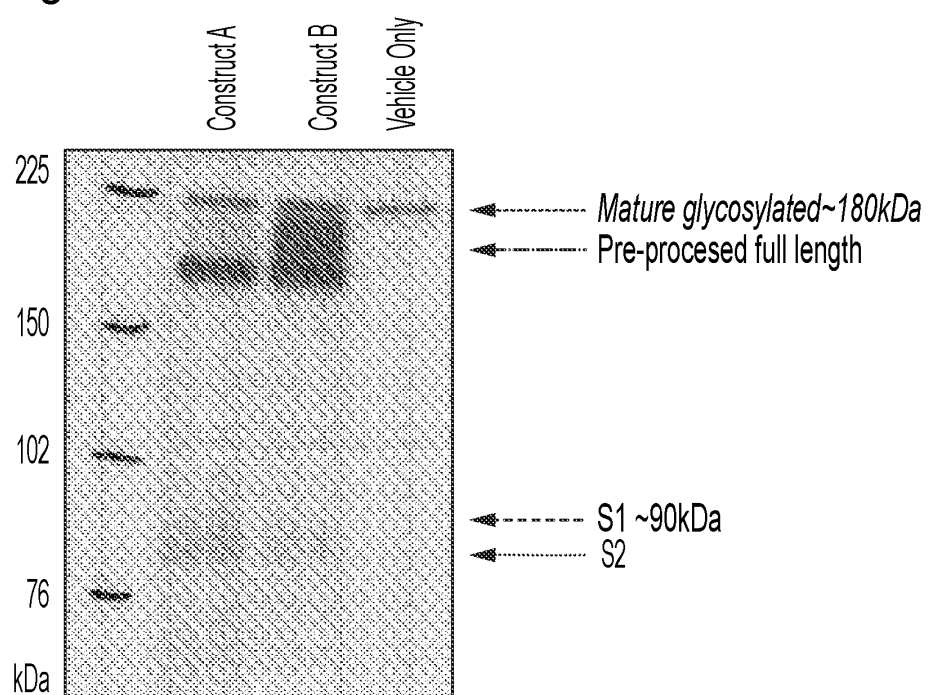


Figure 6

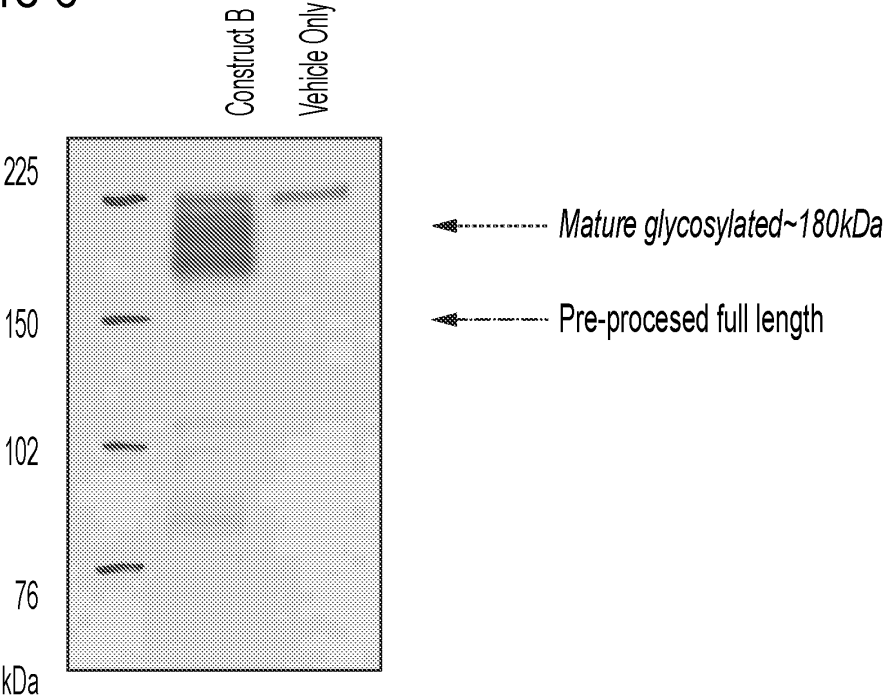
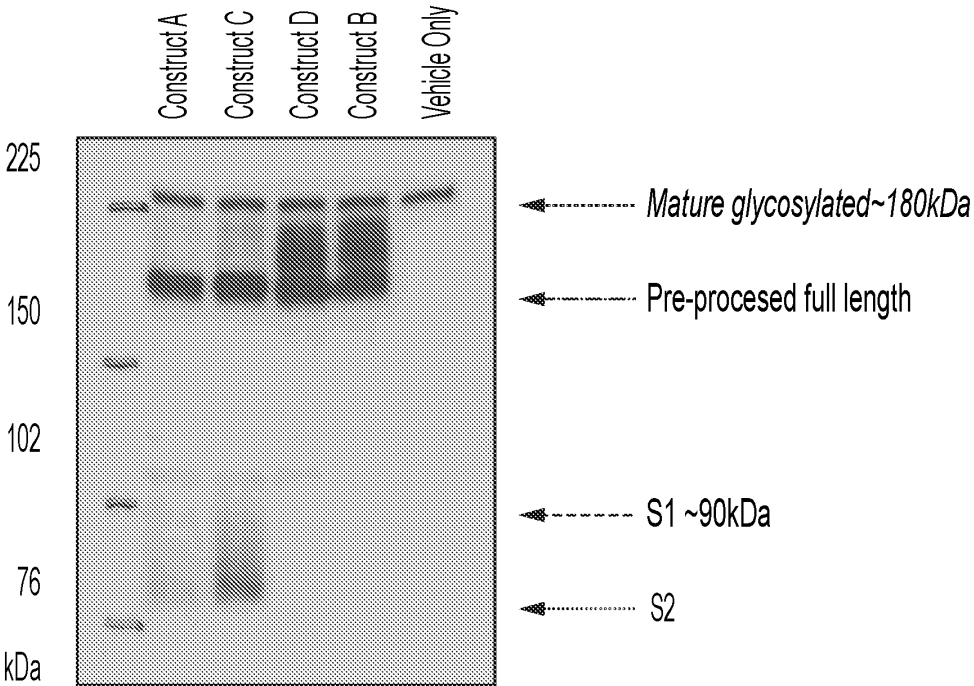


Figure 7



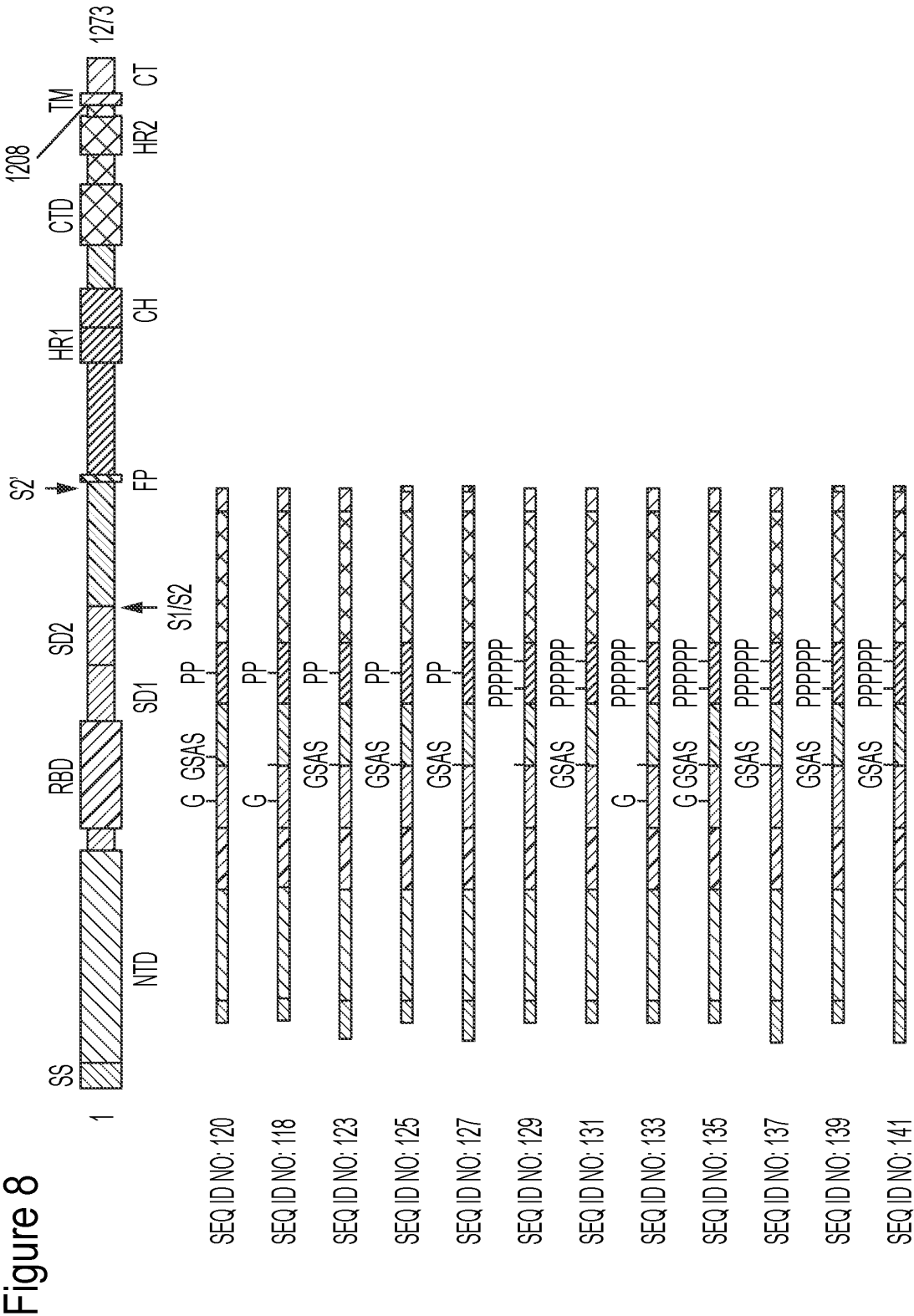


Figure 9 A

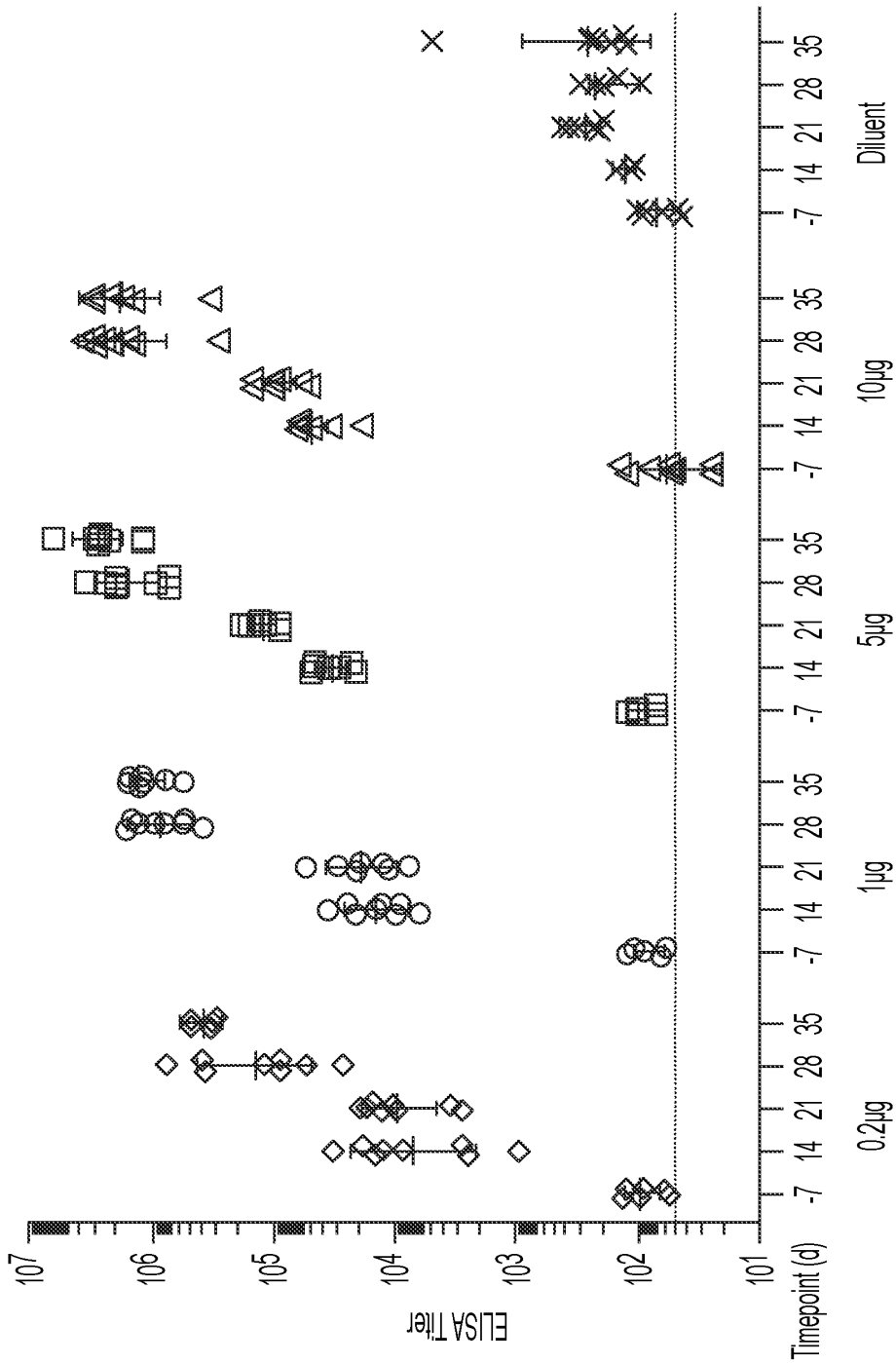


Figure 9 CONTINUED B

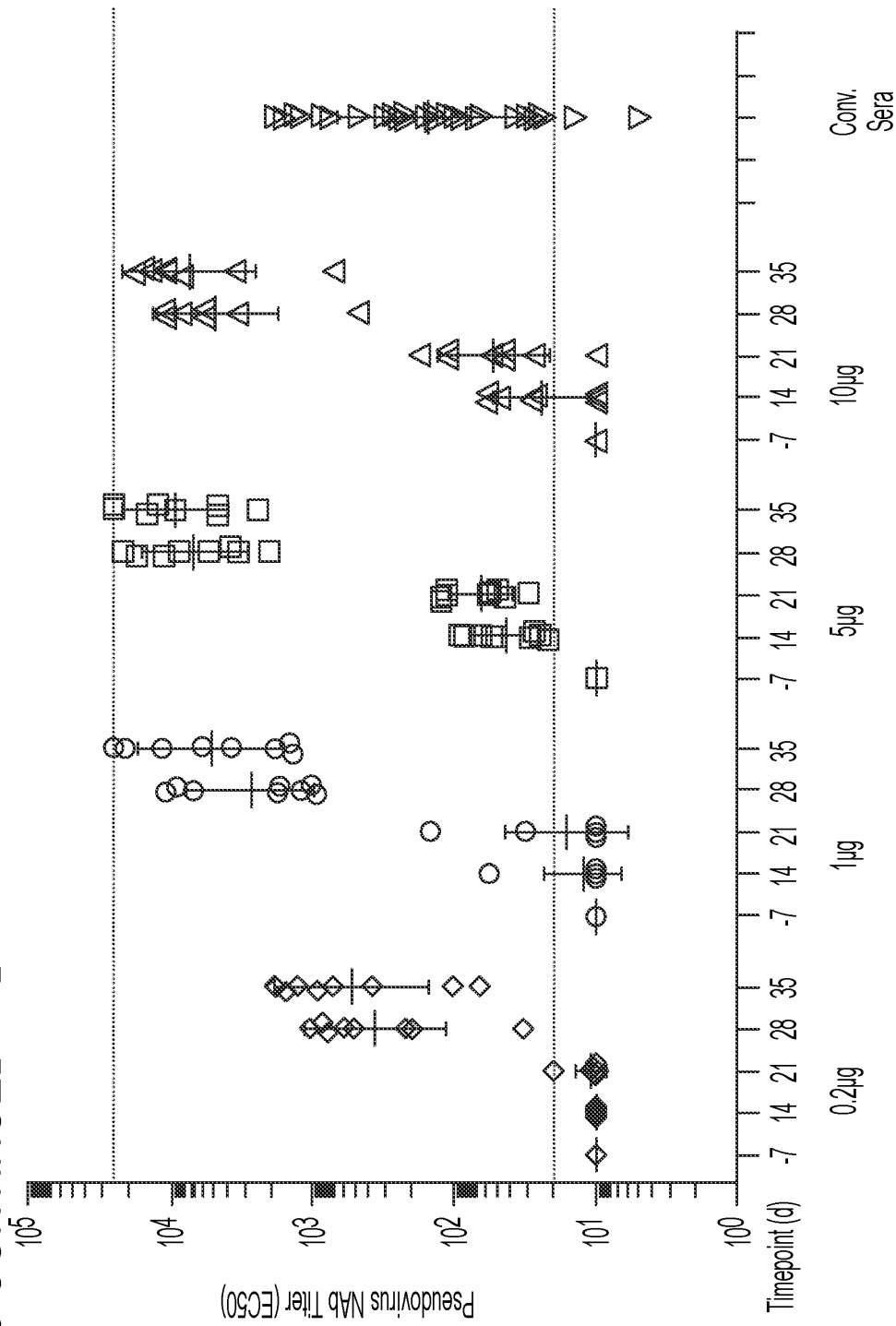


Figure 9 CONTINUED

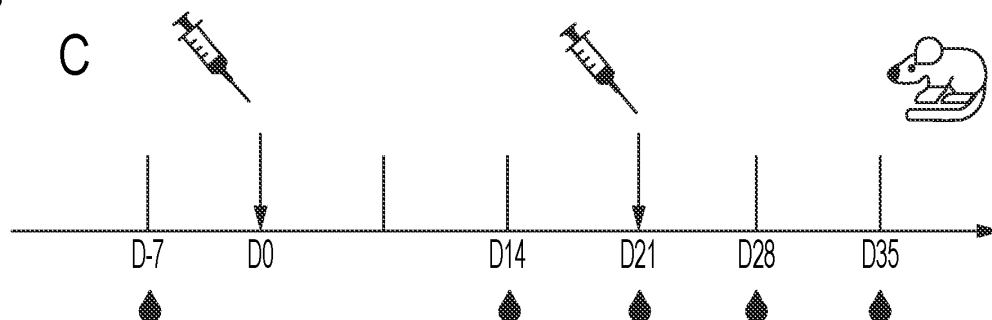


Figure 10

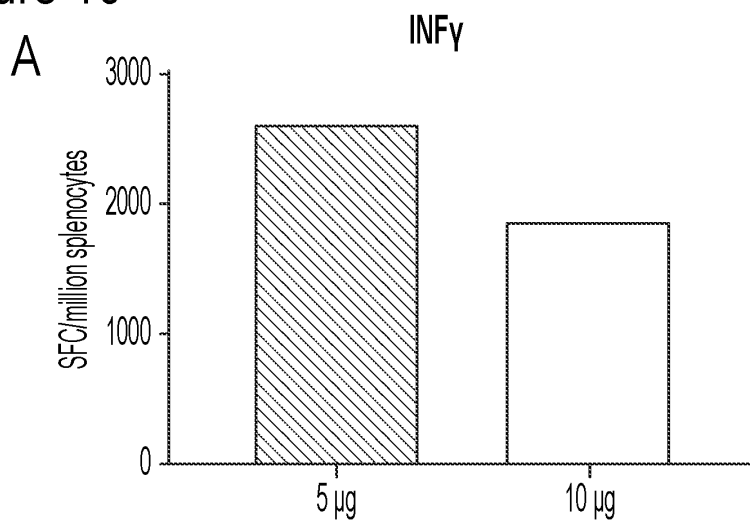


Figure 10 CONTINUED

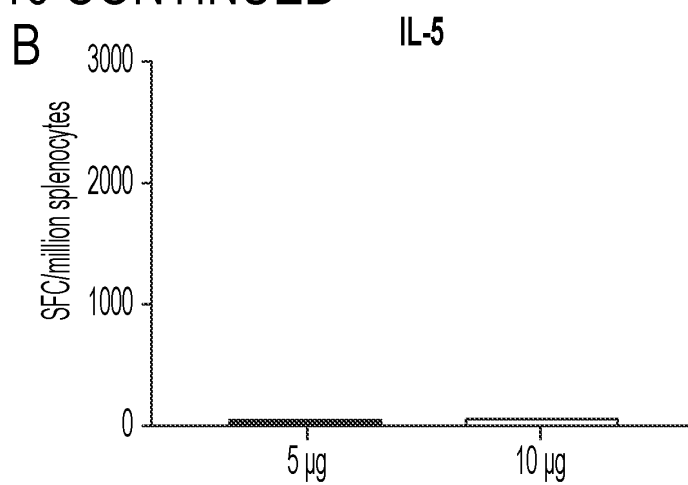


Figure 10 CONTINUED

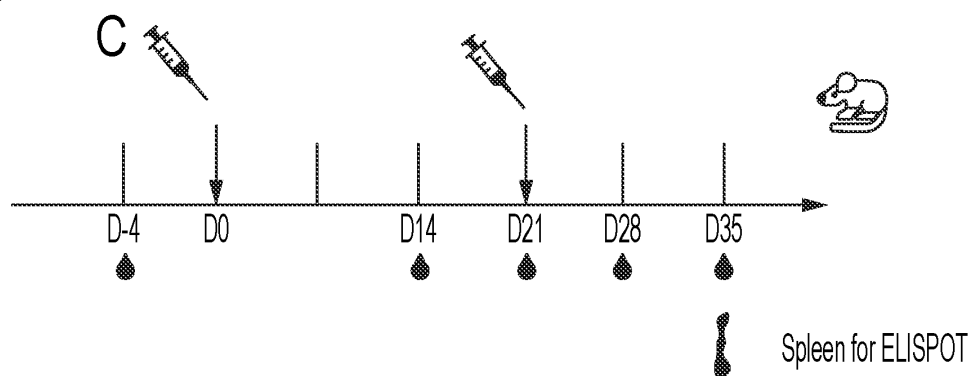


Figure 11A

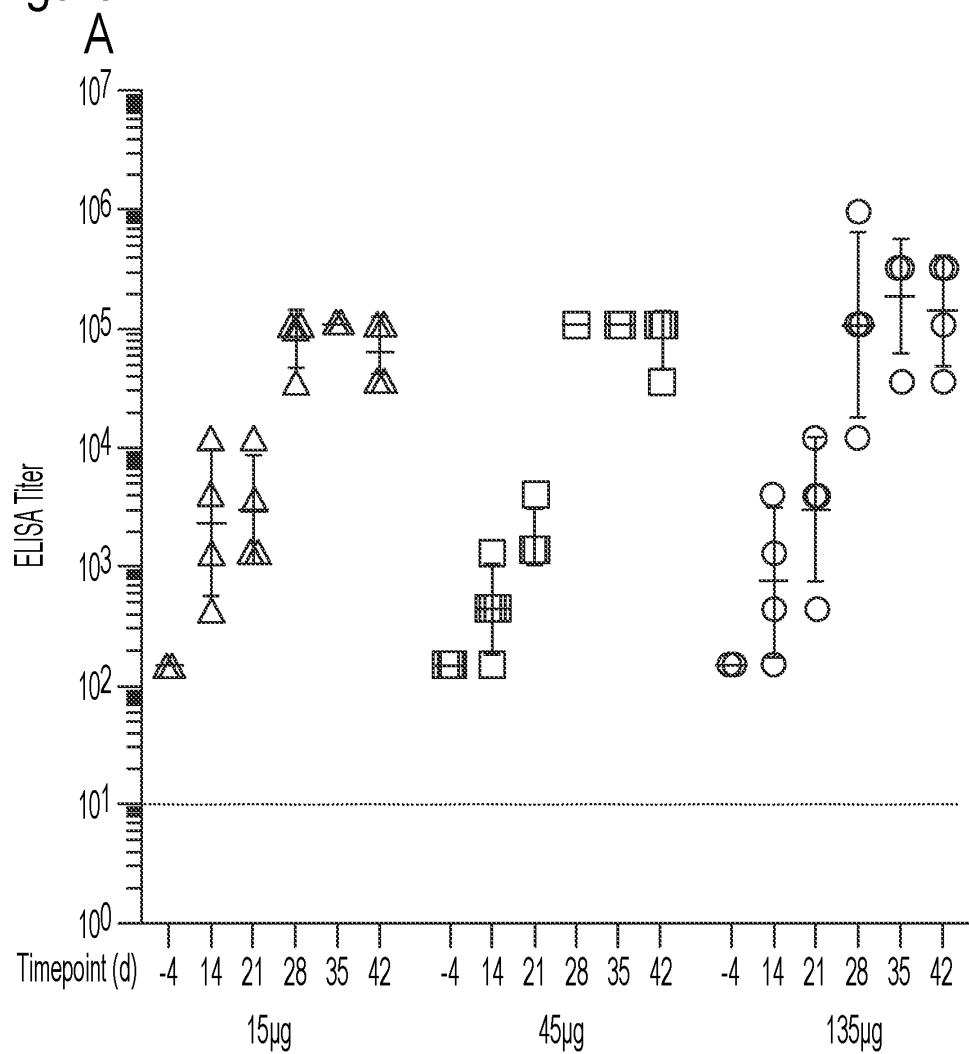


Figure 11 CONTINUED

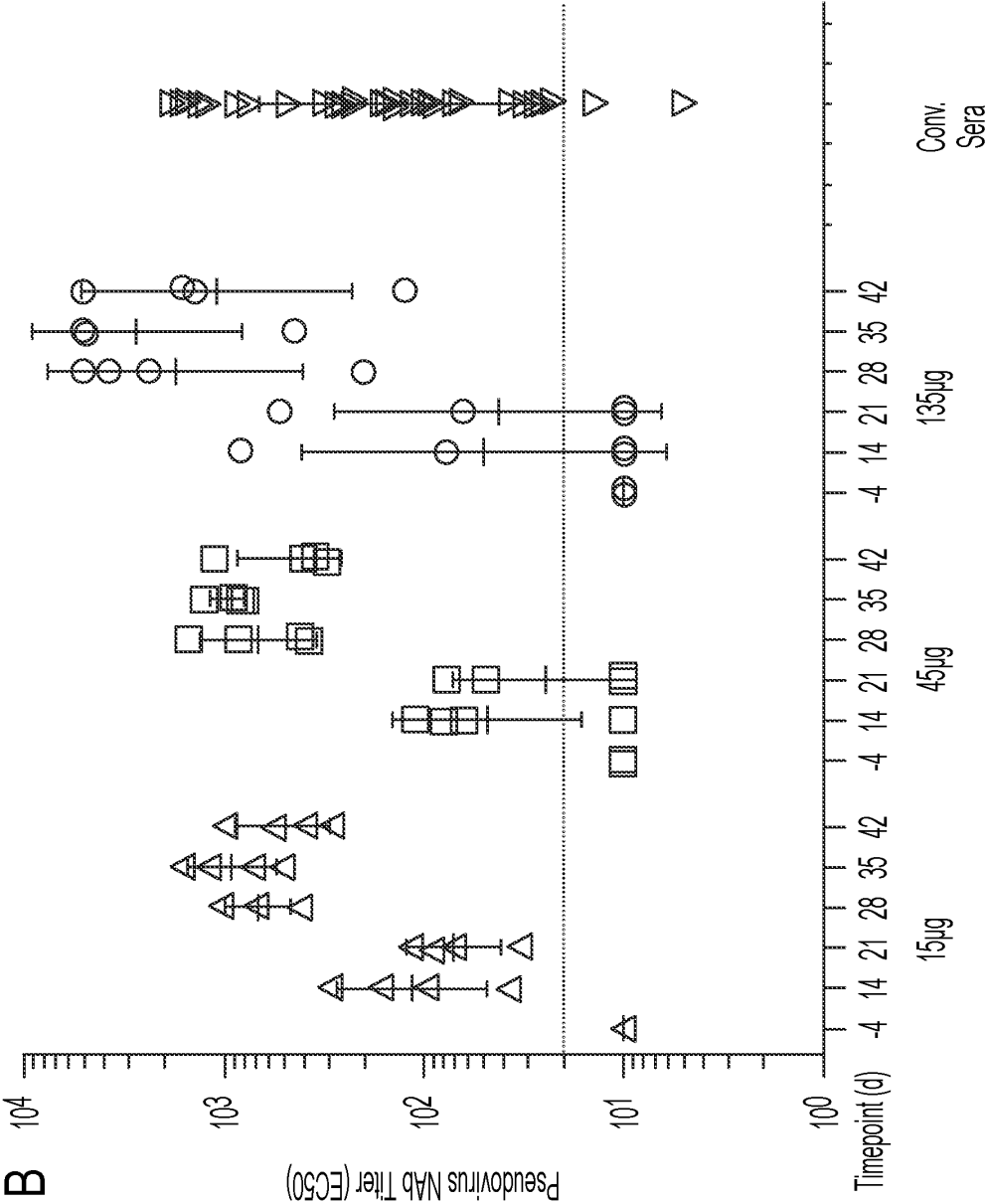


Figure 11 CONTINUED

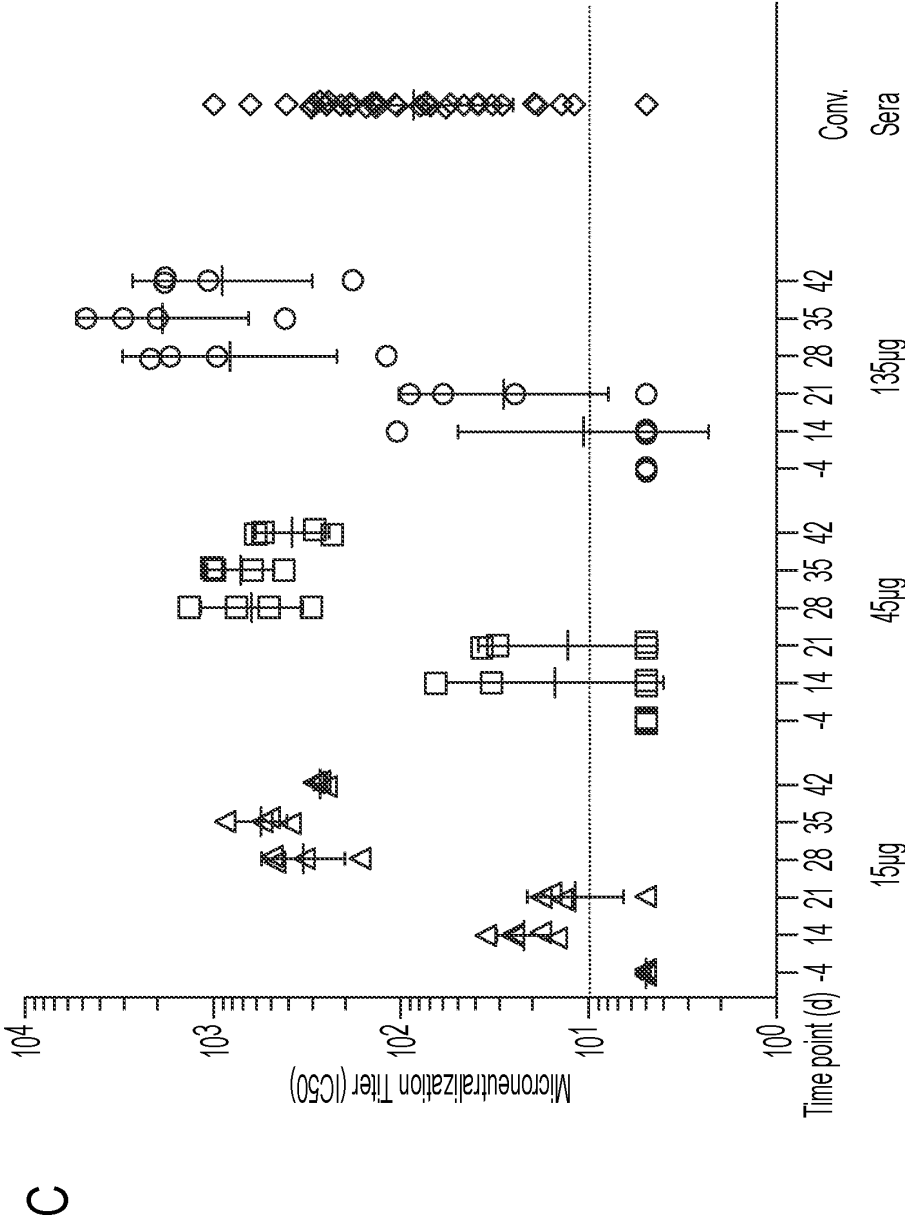


Figure 11 CONTINUED

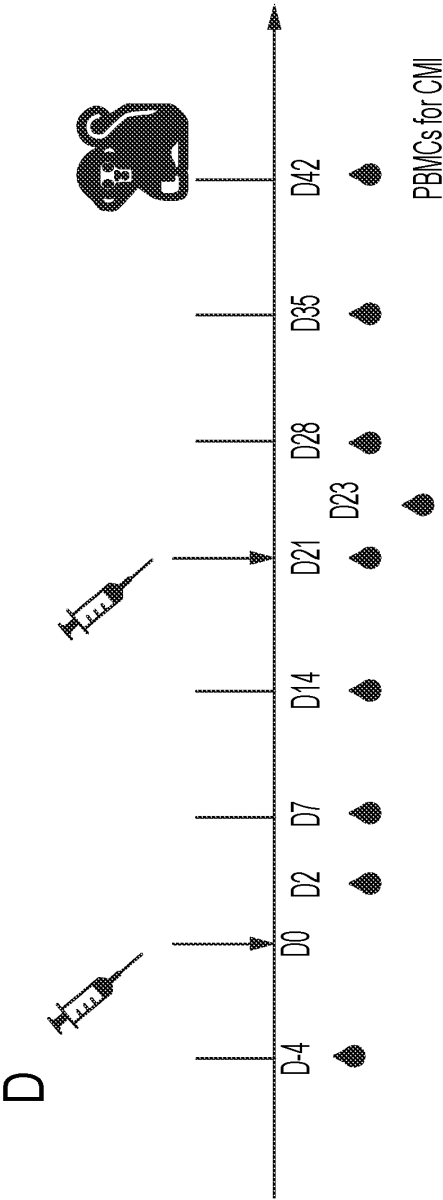


Figure 12

A

Peptide Pool S1

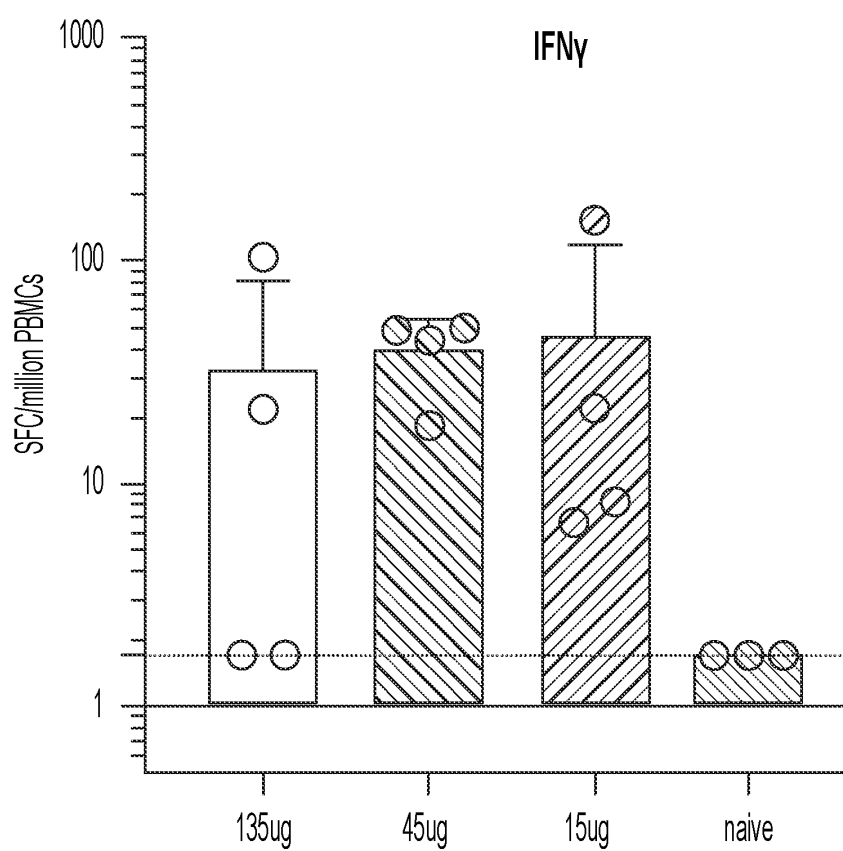


Figure 12 CONTINUED

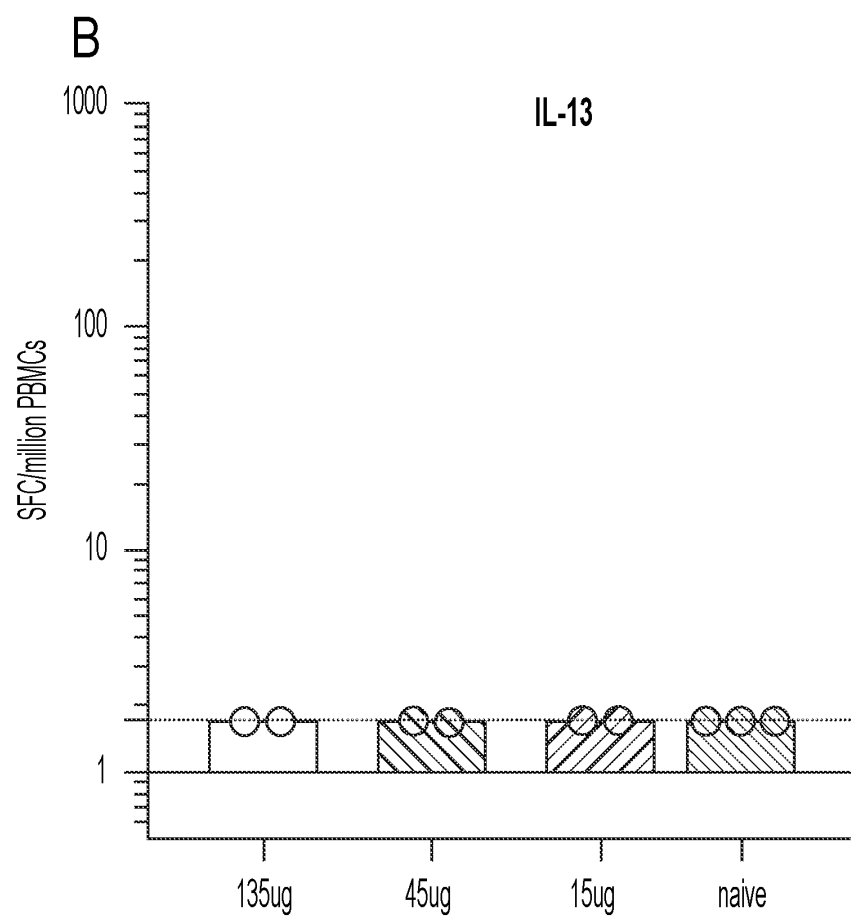


Figure 12 CONTINUED

C Peptide Pool S2

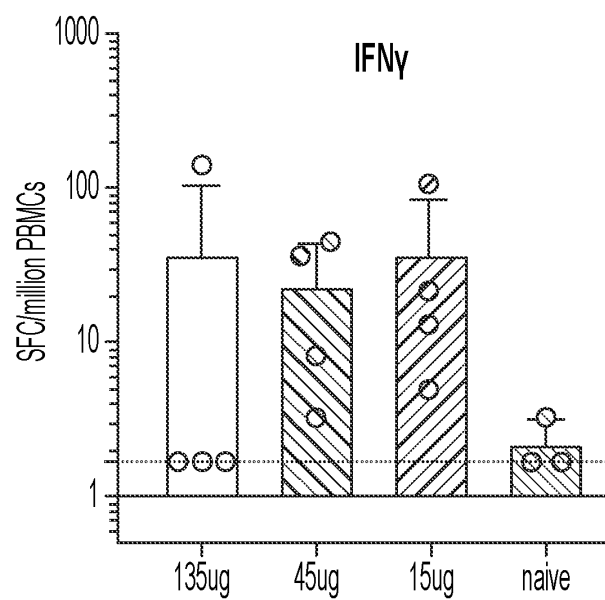


Figure 12 CONTINUED

D

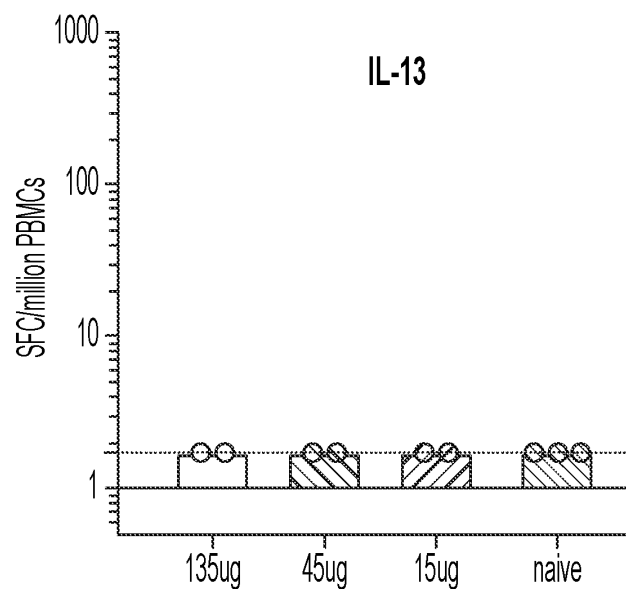


Figure 13

A

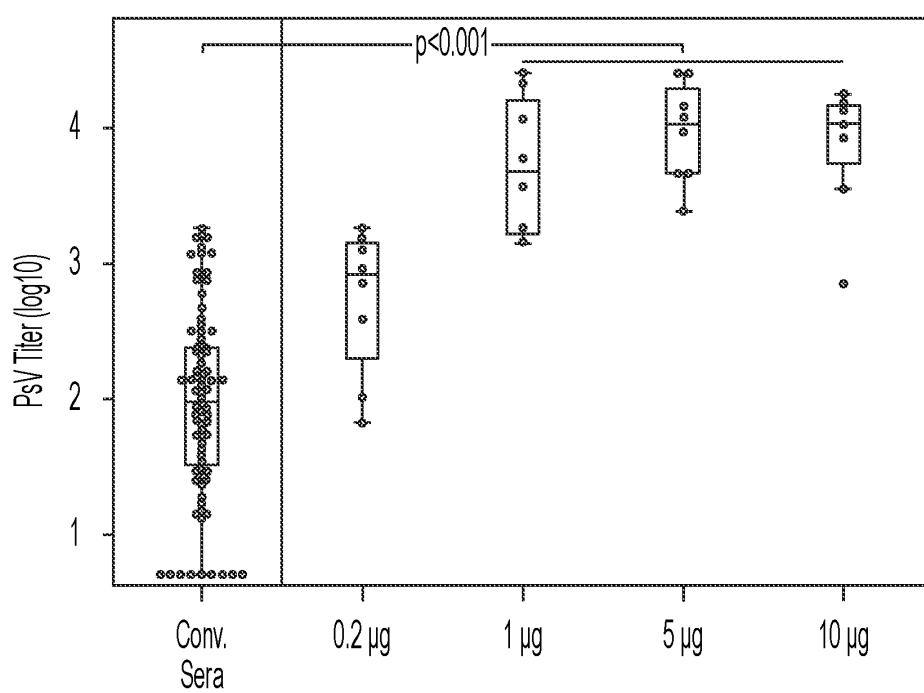


Figure 13 CONTINUED

B

		Spearman Correlation Coefficient*		
Dose	N	IgG/MN	IgG/PsV	MN/PsV
15 µg	4	0.94 (± 0.01)	0.95 (± 0.02)	0.95 (± 0.02)
45 µg	4	0.88 (± 0.02)	0.90 (± 0.02)	0.92 (± 0.03)
135 µg	4	0.93 (± 0.03)	0.88 (± 0.03)	0.91 (± 0.02)
Total	12	0.92 (± 0.01)	0.91 (± 0.02)	0.93 (± 0.01)

* Mean (± Standard Error)

Figure 13 CONTINUED
C

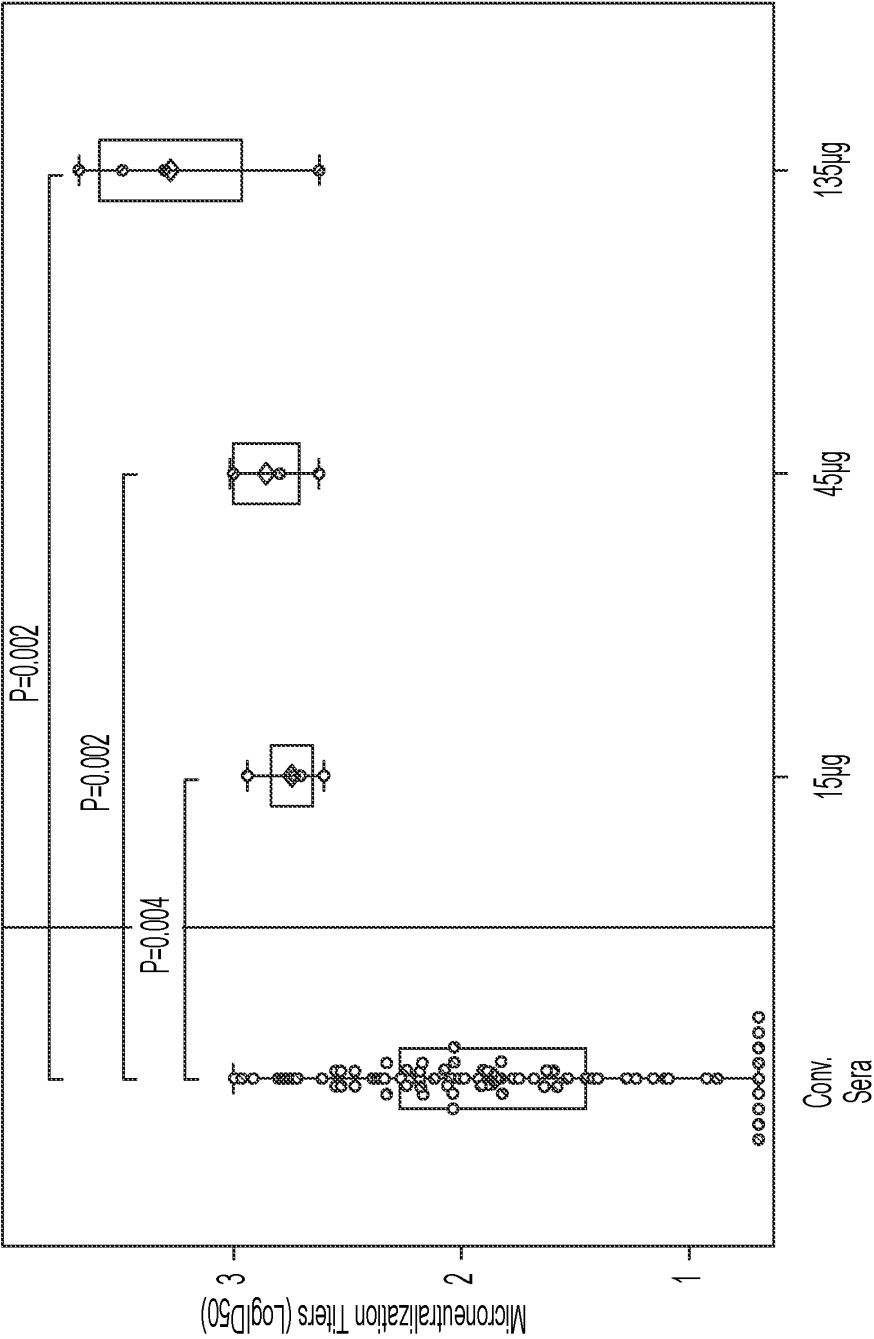
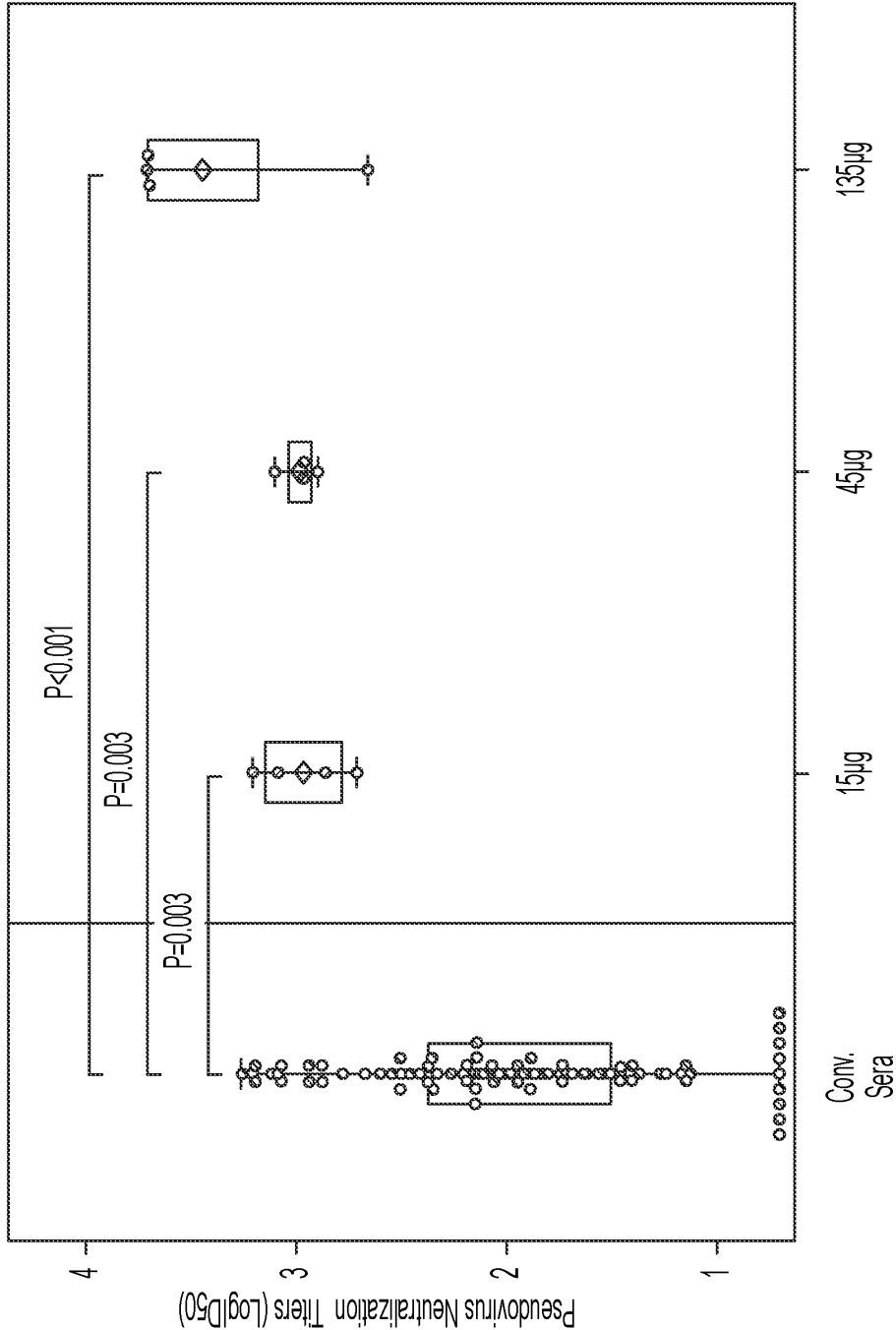


Figure 13 CONTINUED
D



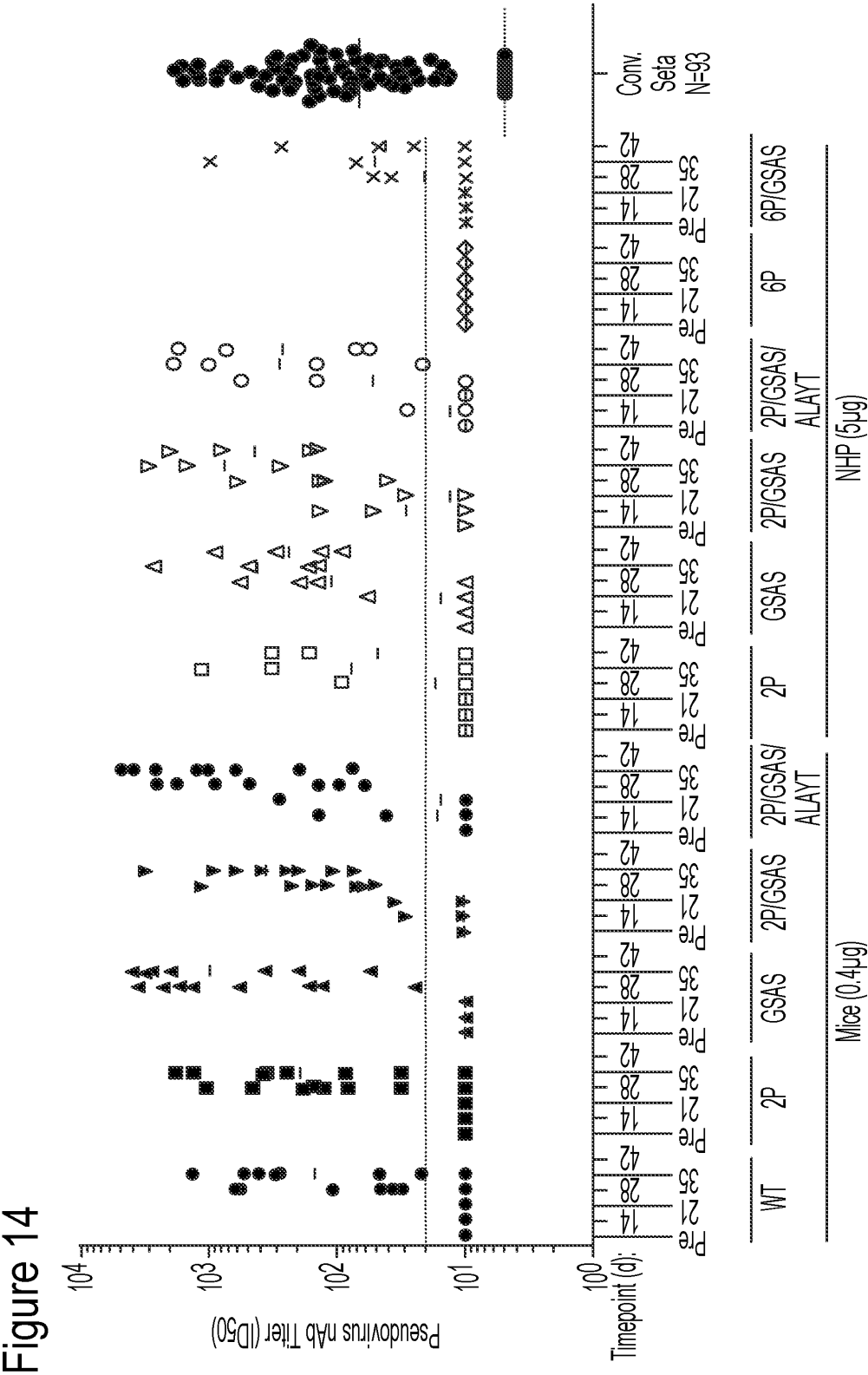


Figure 15
A

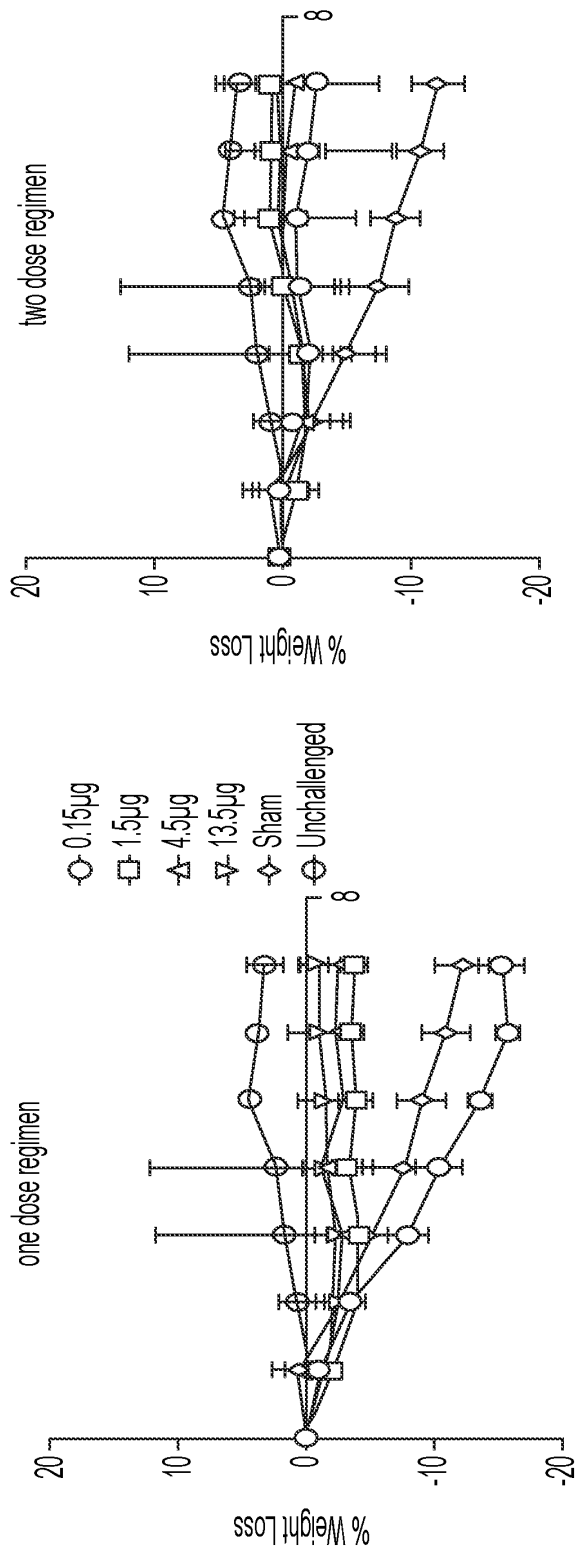


Figure 15 CONTINUED
B

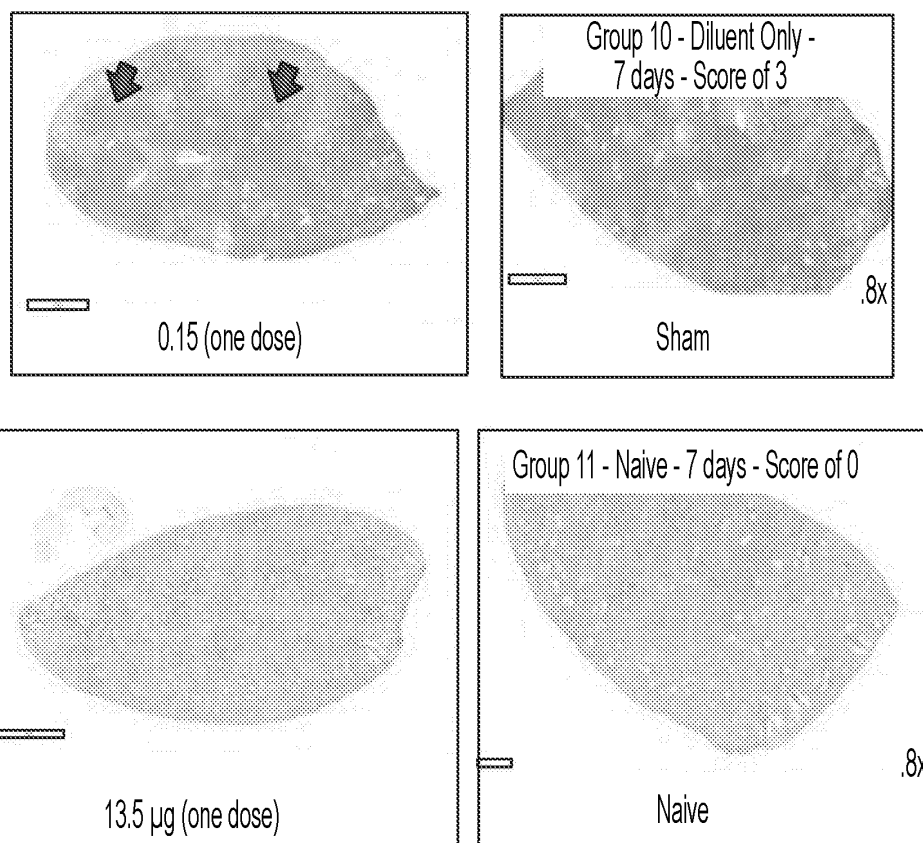


Figure 15 CONTINUED

C

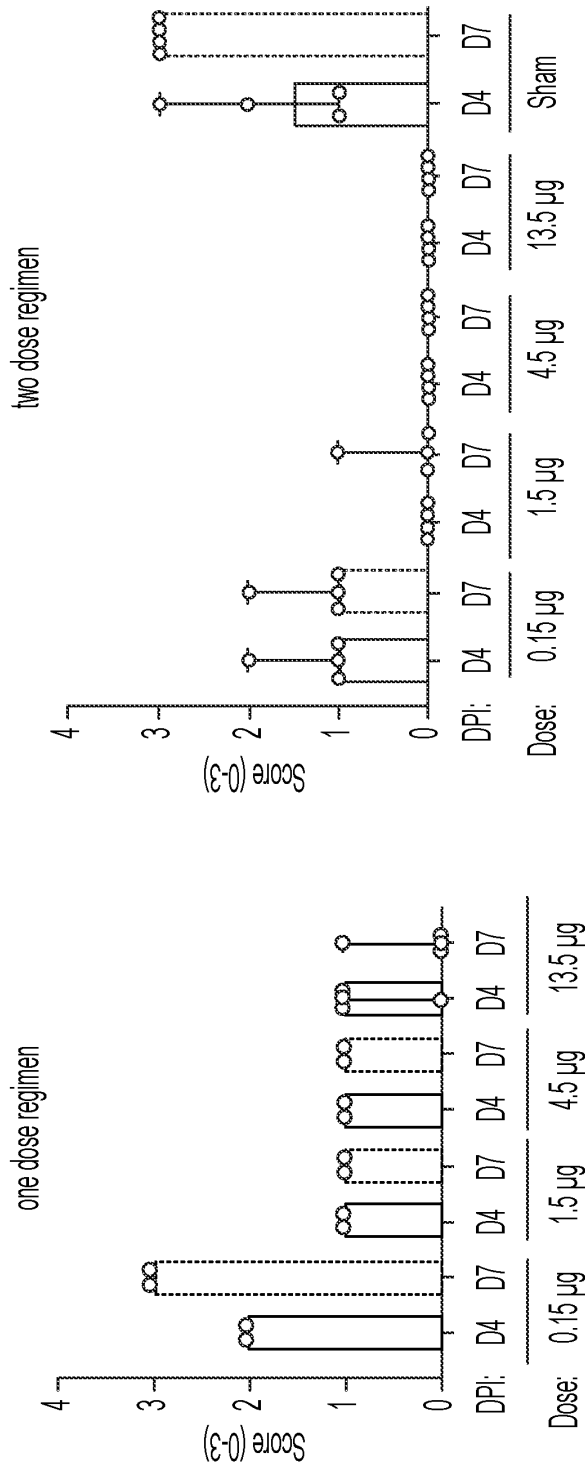


Figure 16

Strain		Mutations relative to Wuhan	D614G	GenBank	Cat#	Lot
WIV04	Wuhan-Hu-1	NA	No	QHD43416.1	RVP-701G	113A
B.1.351	South African (20C/501Y.V2)	L18F, D80A, D215G, L242H, R246I, K417N, N501Y, E484K, A701V	Yes	Tegally et al. 2020	RVP-707G	CG-136A
B.1.351	South African (20H/501Y.V2)	L18F, D80A, D215G, ΔL242I/A243, R246I, K417N, N501Y, E484K, A701V	Yes	Tegally et al. 2020	RVP-714G	CG-162A
P.1	Japanese/Brazilian	L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, H655Y, T1027I, V1176	Yes	QQX12069.1	RVP-708	CG-160A
452R	California	S13I, W152C, L452R	Yes	QFJ72086.1	RVP-713	CG-161A
B.1.1.7	UK (VUI202012/01)	ΔH69/V70, ΔY144, N501Y, A570D, P681H, T716I, S982A, D1118H	Yes	QQH18545.1	RVP-706G	CG-135A
Urbani	SARS-CoV1	NA	NA	P59594.1	RVP-801G	SG-115B

