

SpyAD Single Site Substitution Expression Analysis

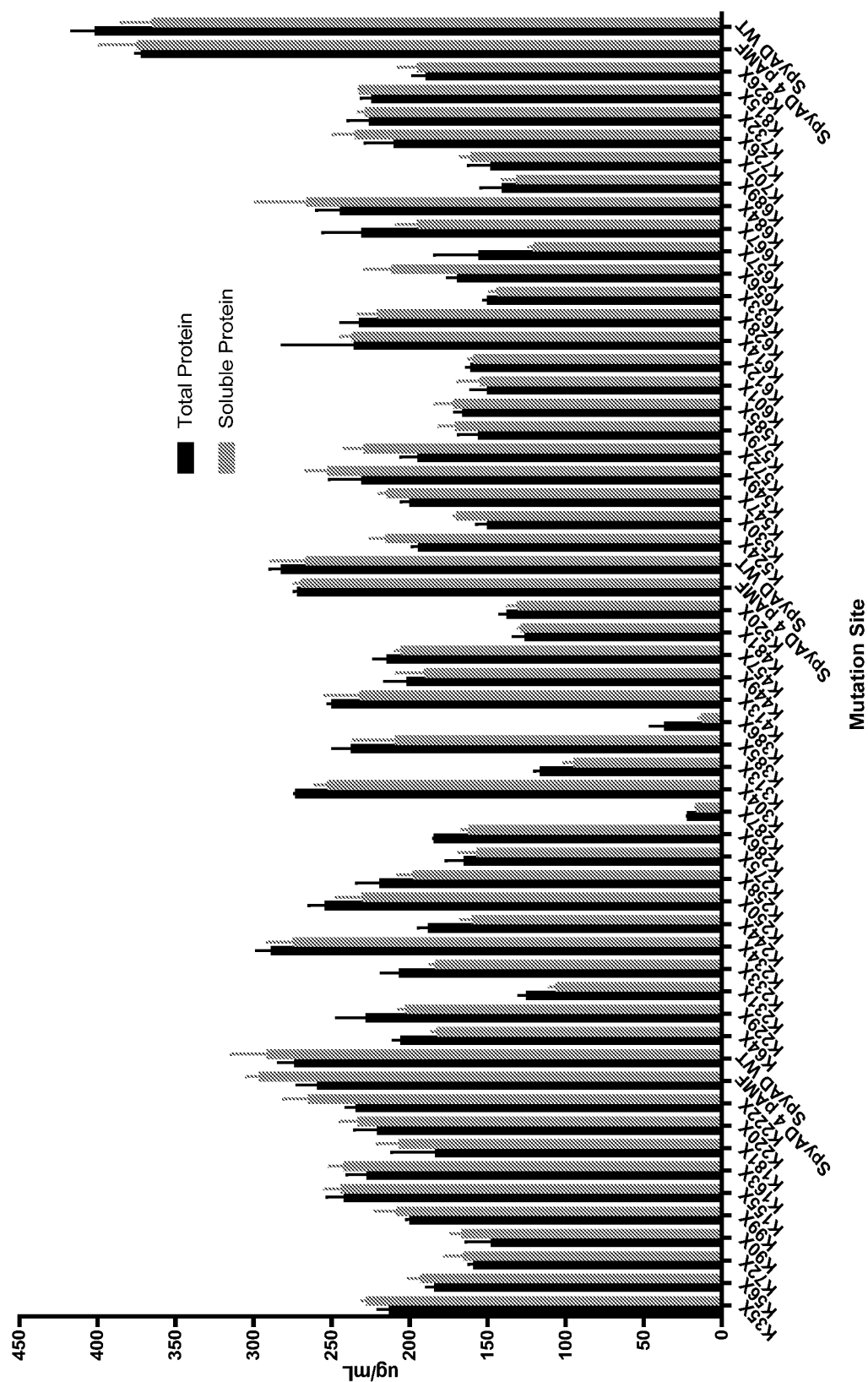
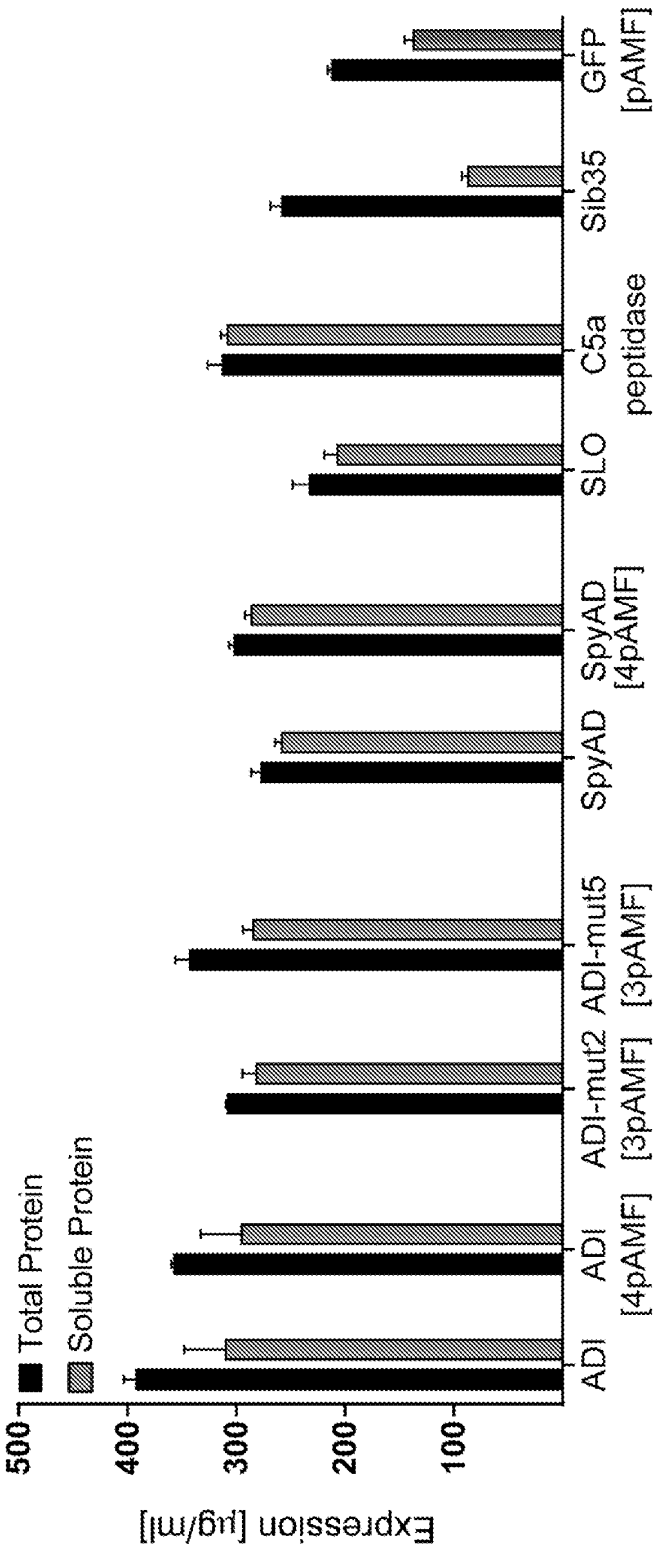


FIG. 1B



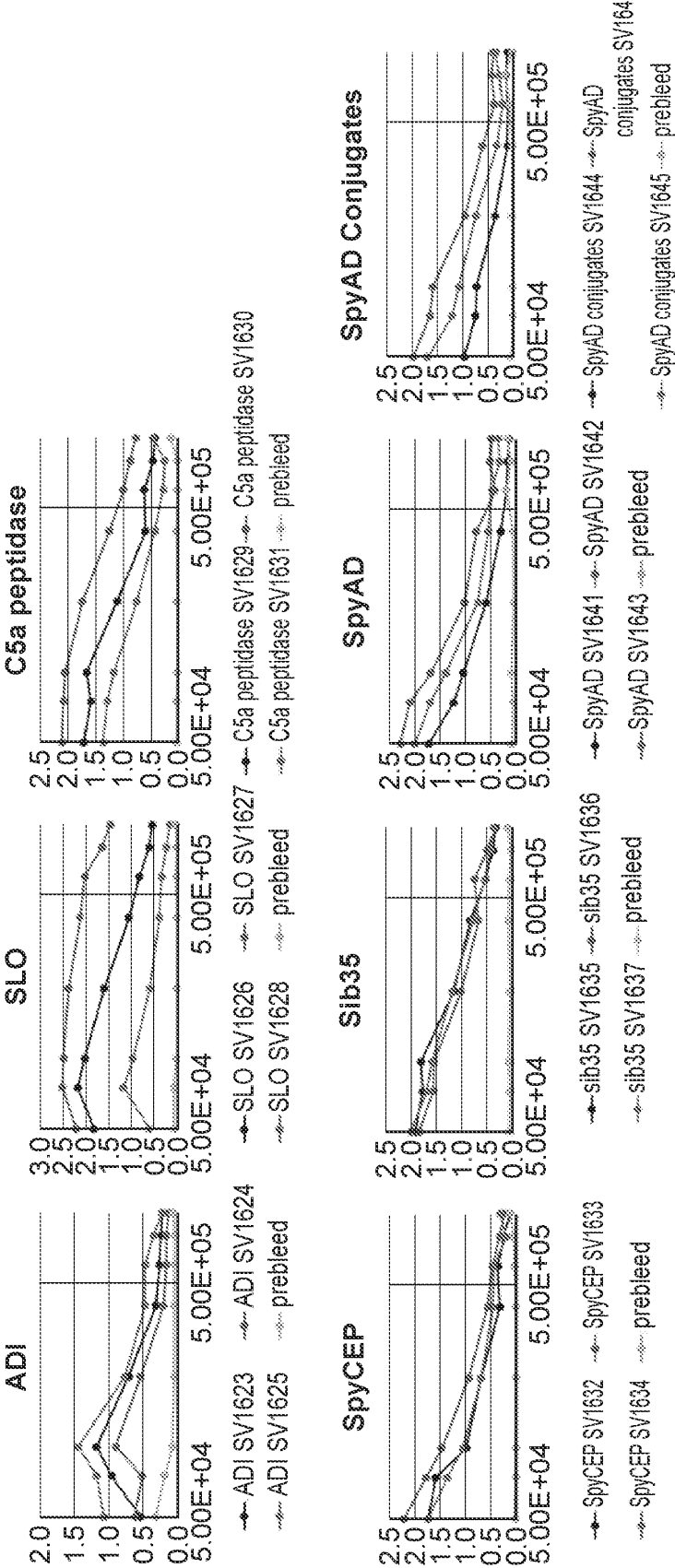


FIG. 2

FIG. 3A

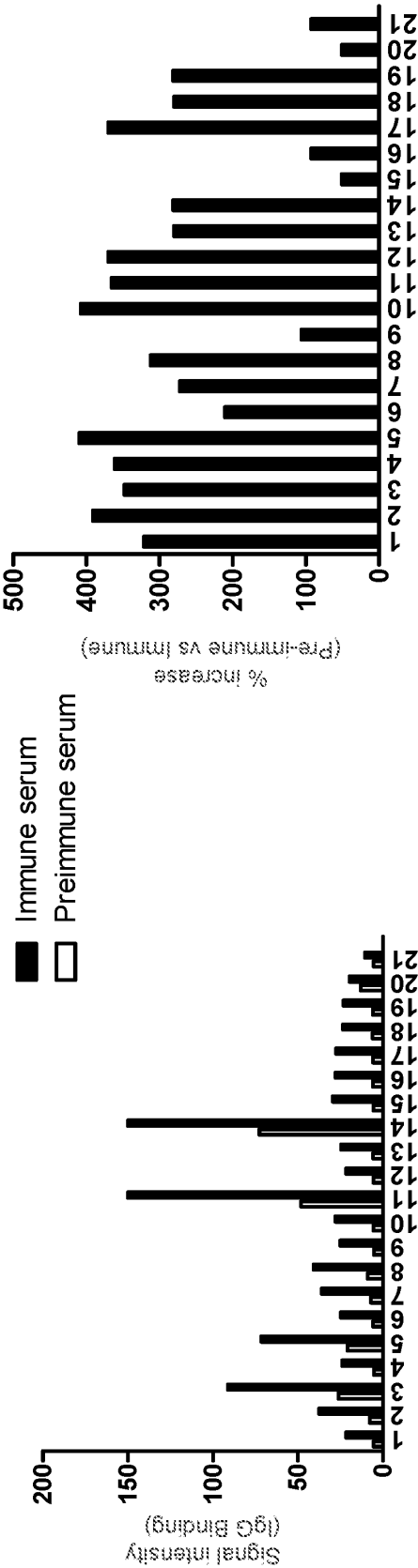


FIG. 3B

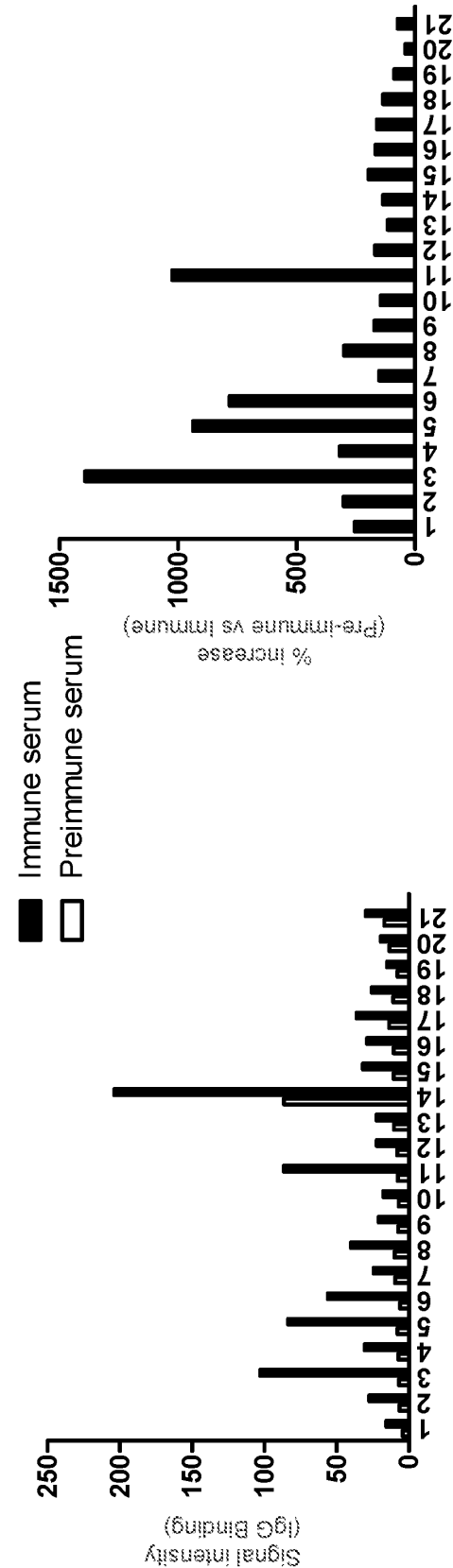
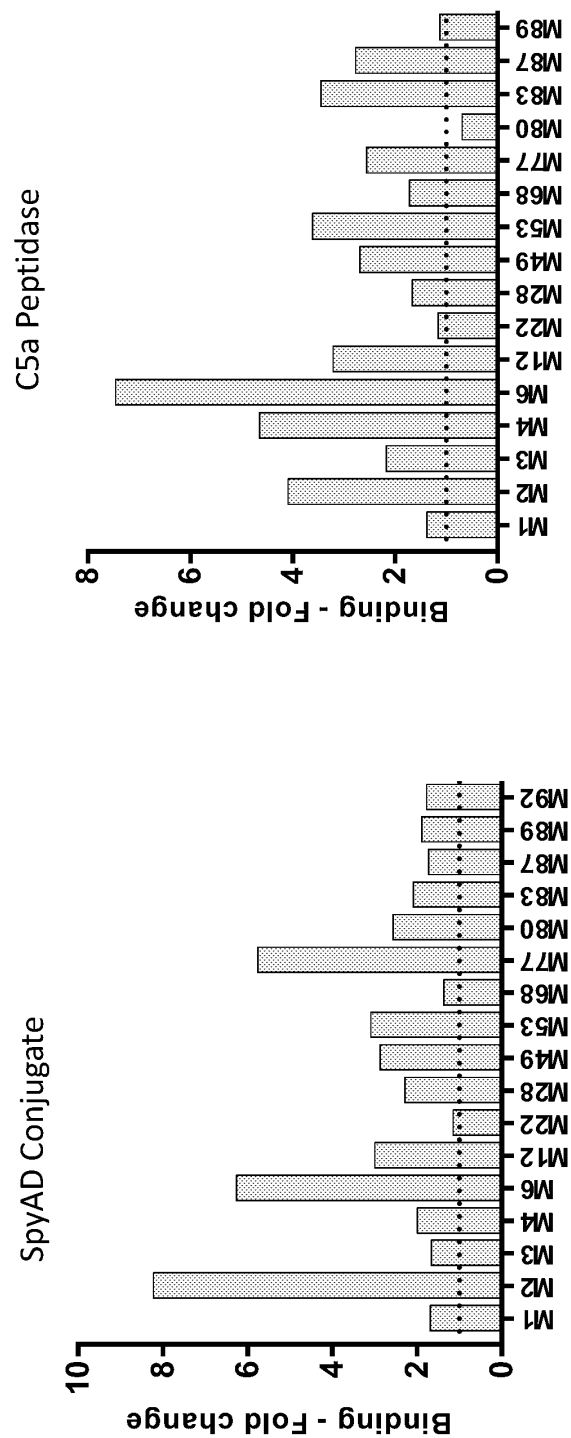


FIG. 3C



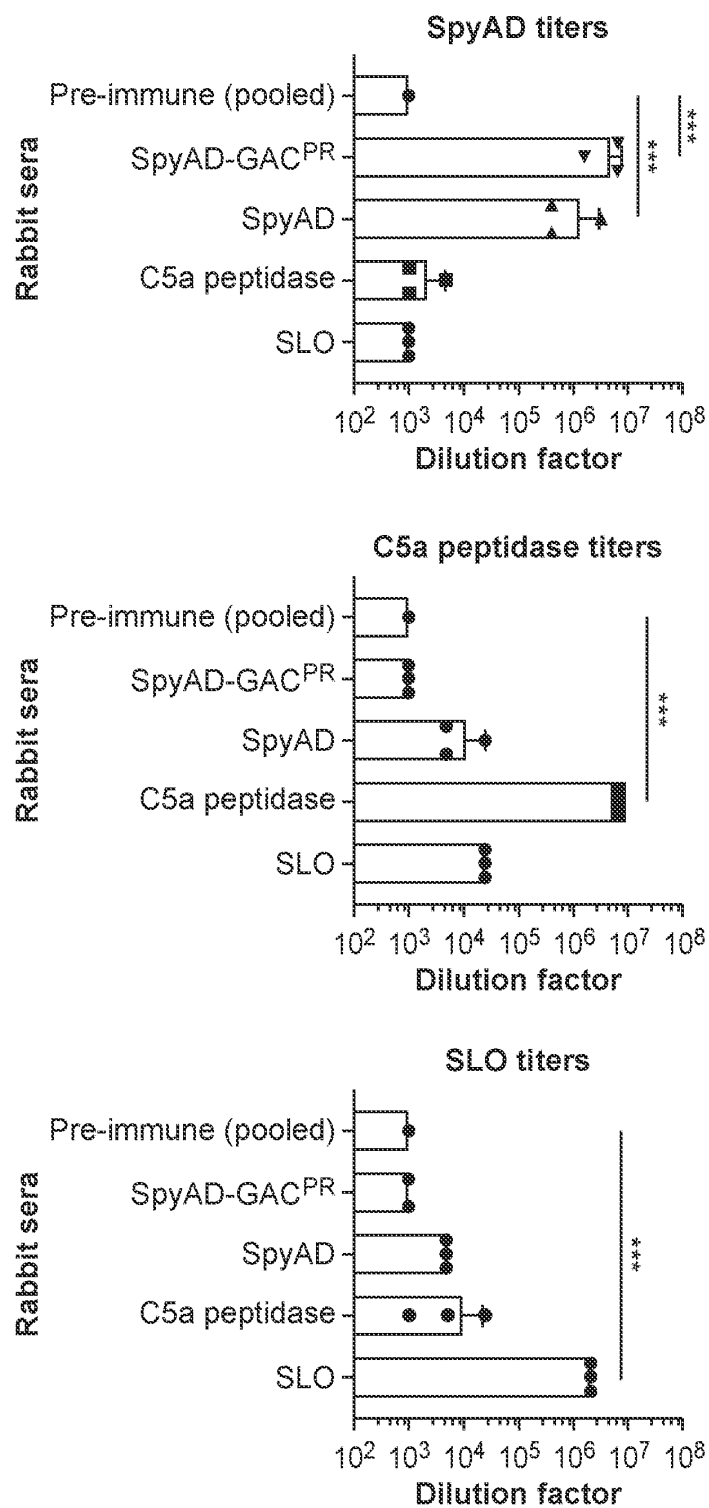


FIG. 3D

SUBSTITUTE SHEET (RULE 26)

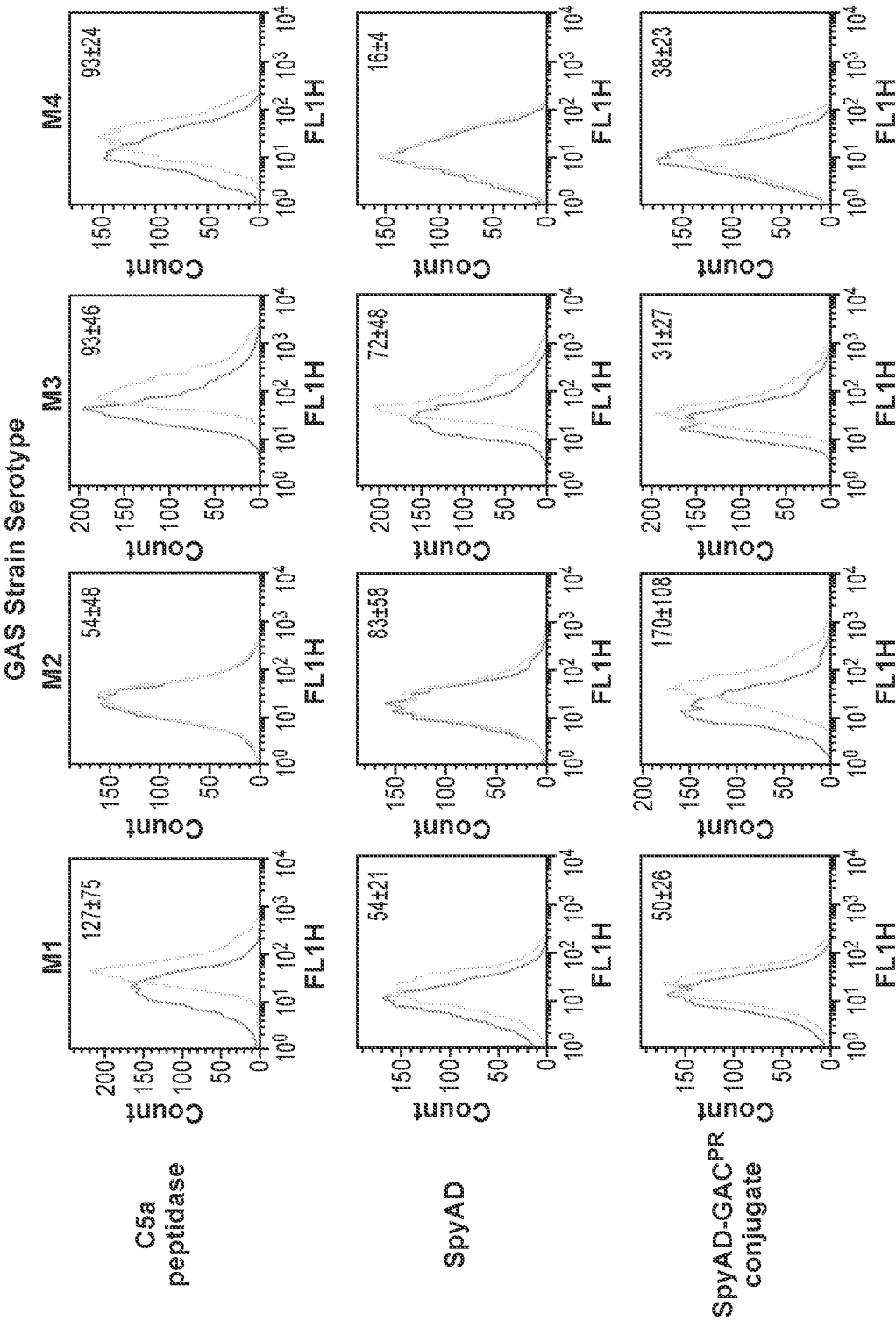


FIG. 3E

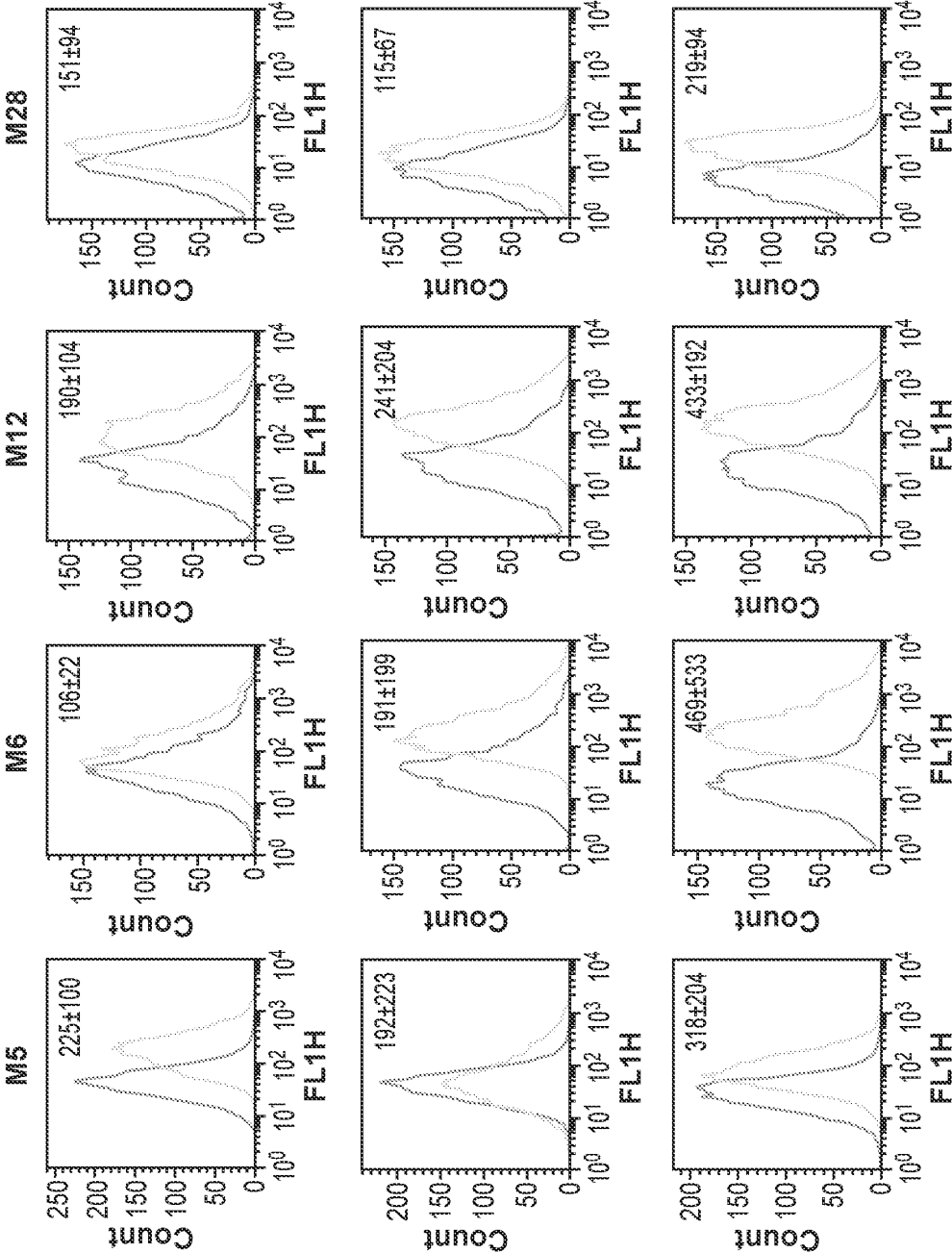


FIG. 3E (Cont.)

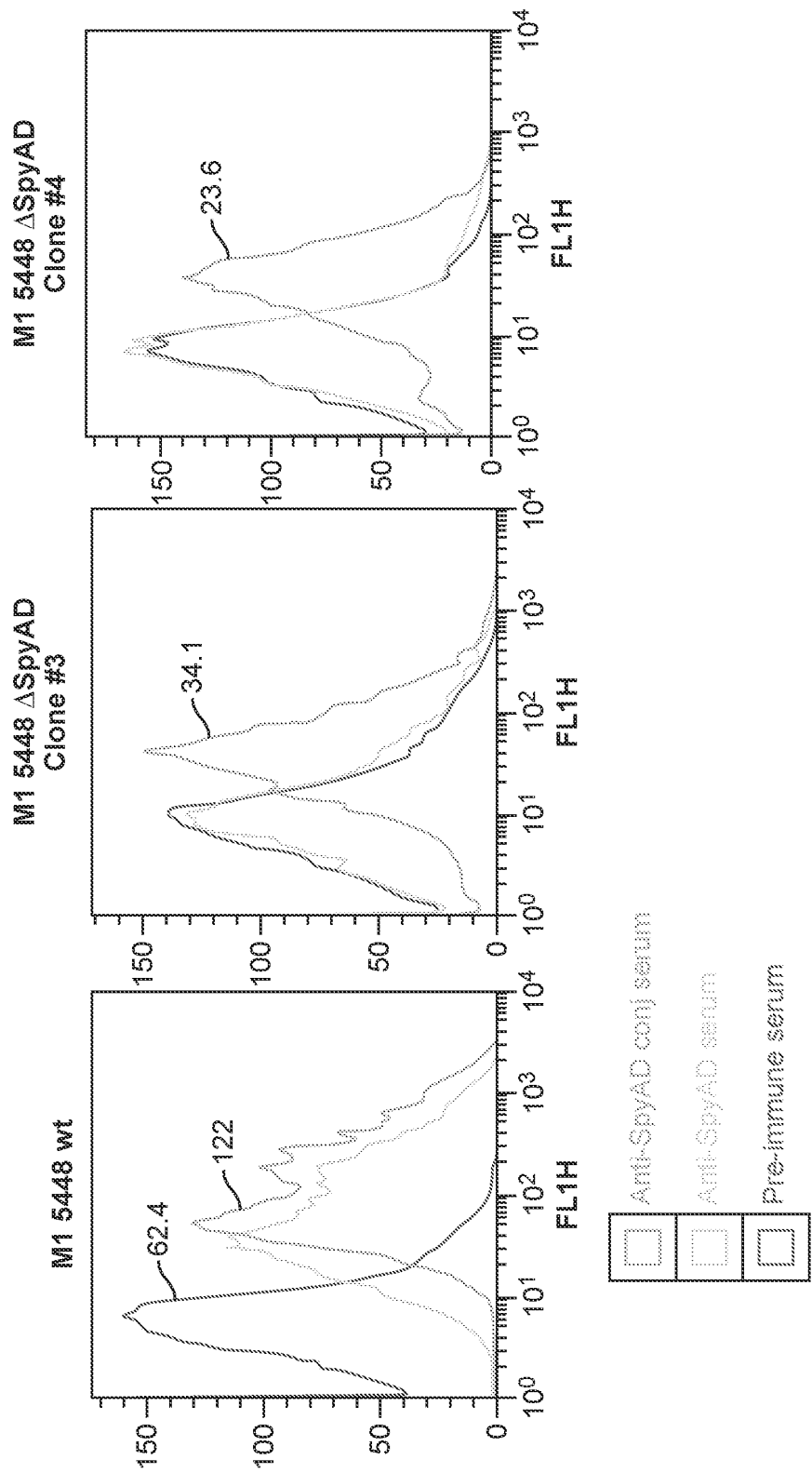


FIG. 3F

FIG. 4

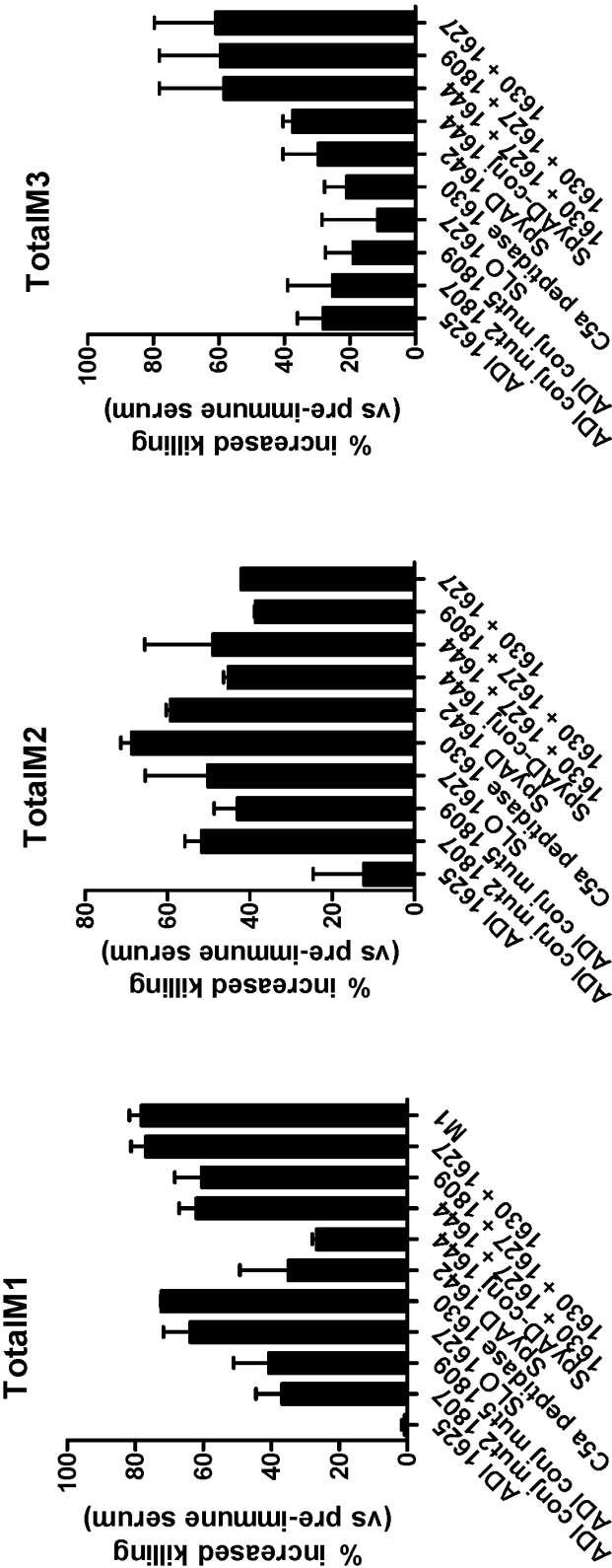
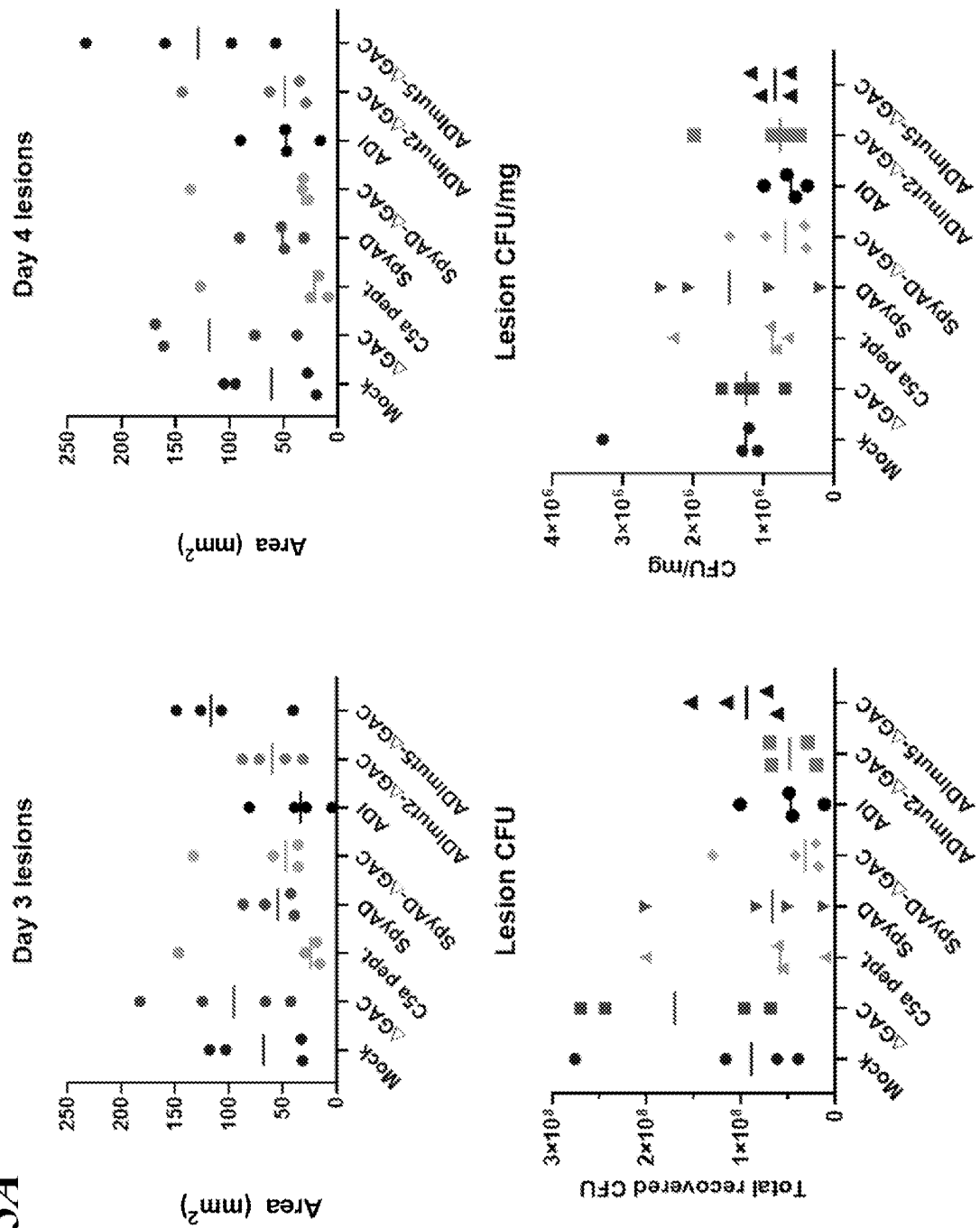


FIG. 5A



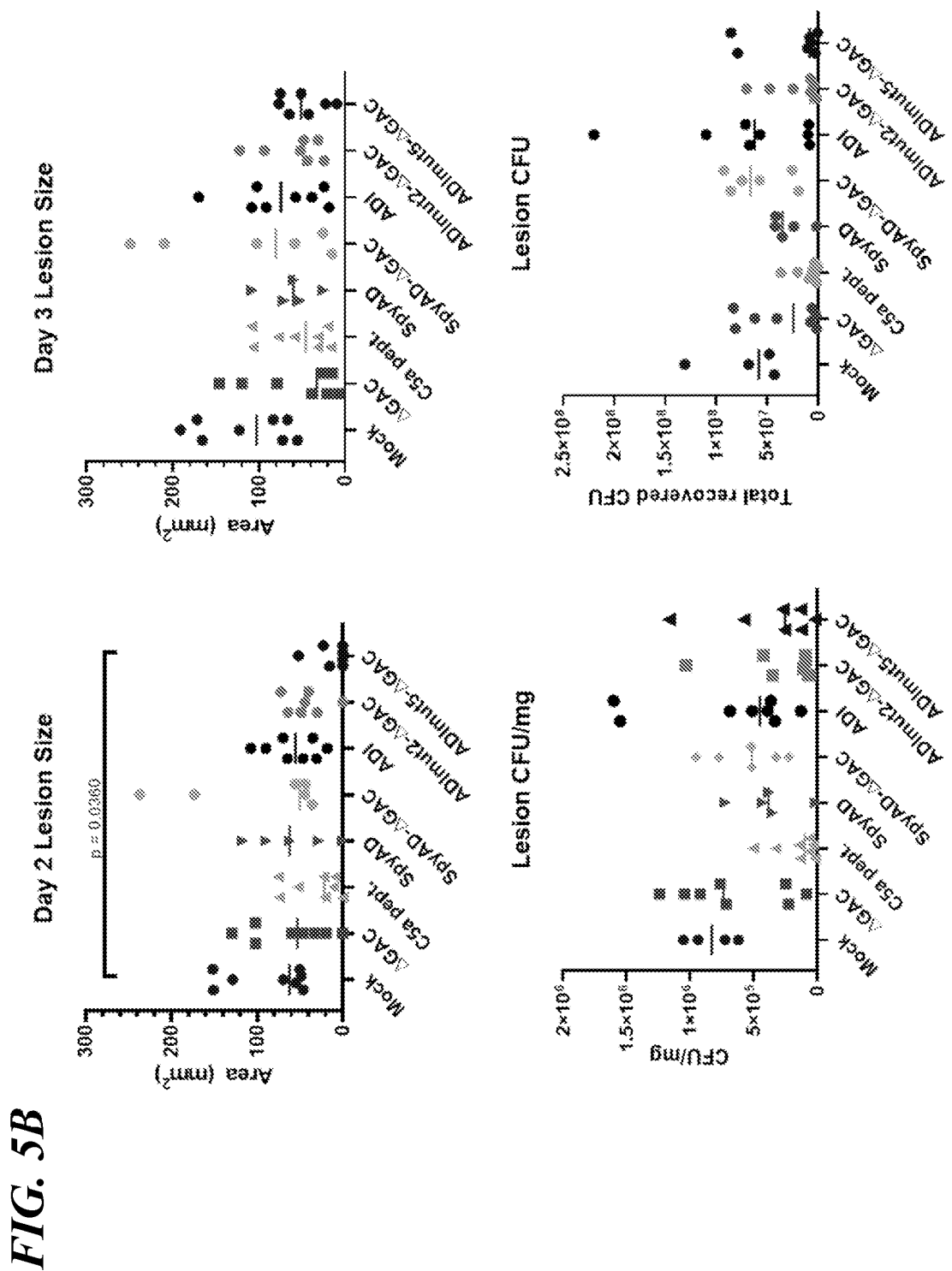
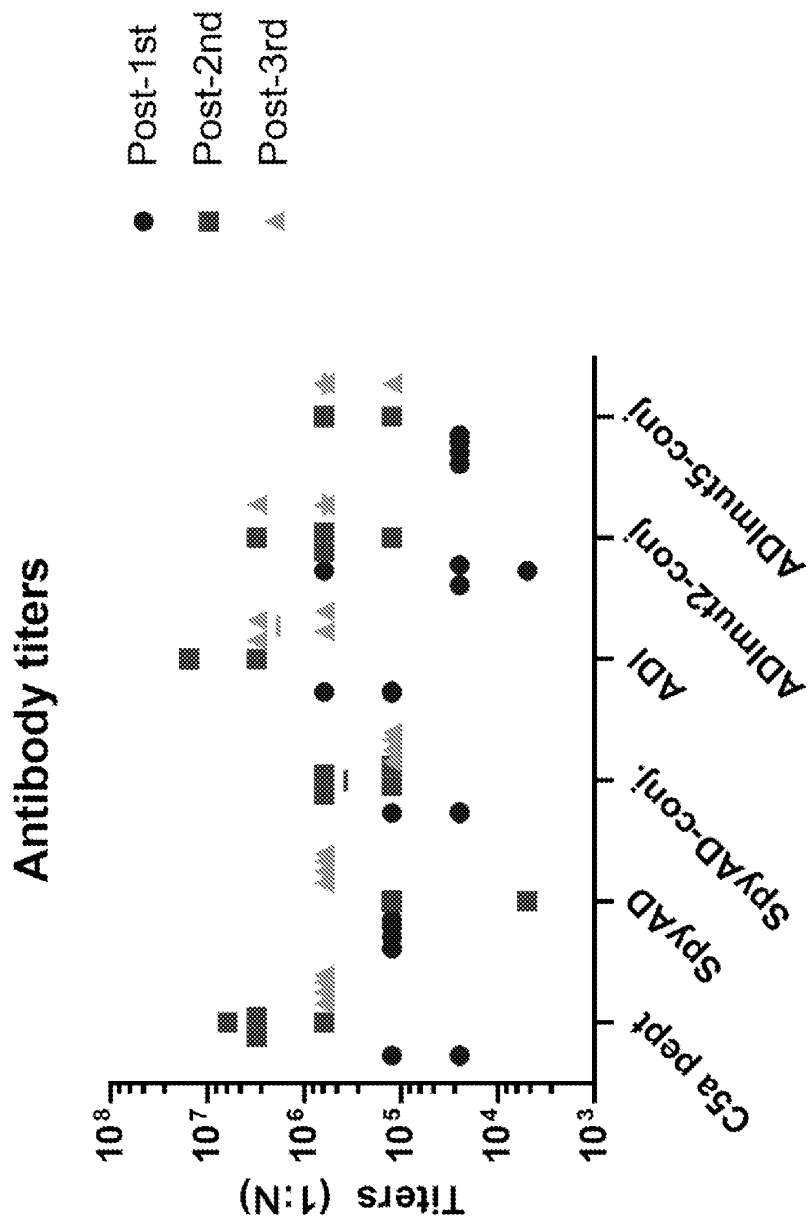


FIG. 5C



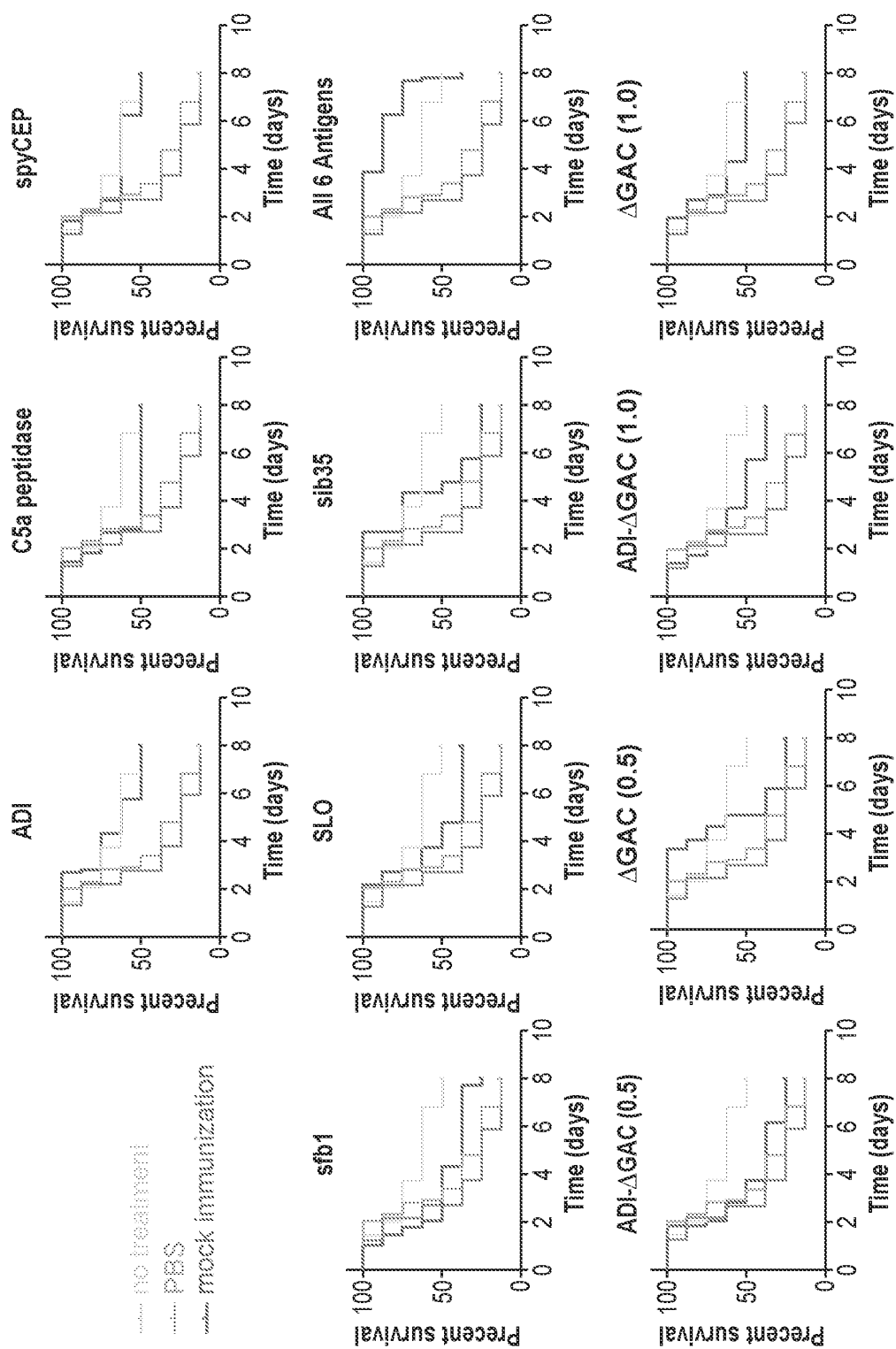


FIG. 5D

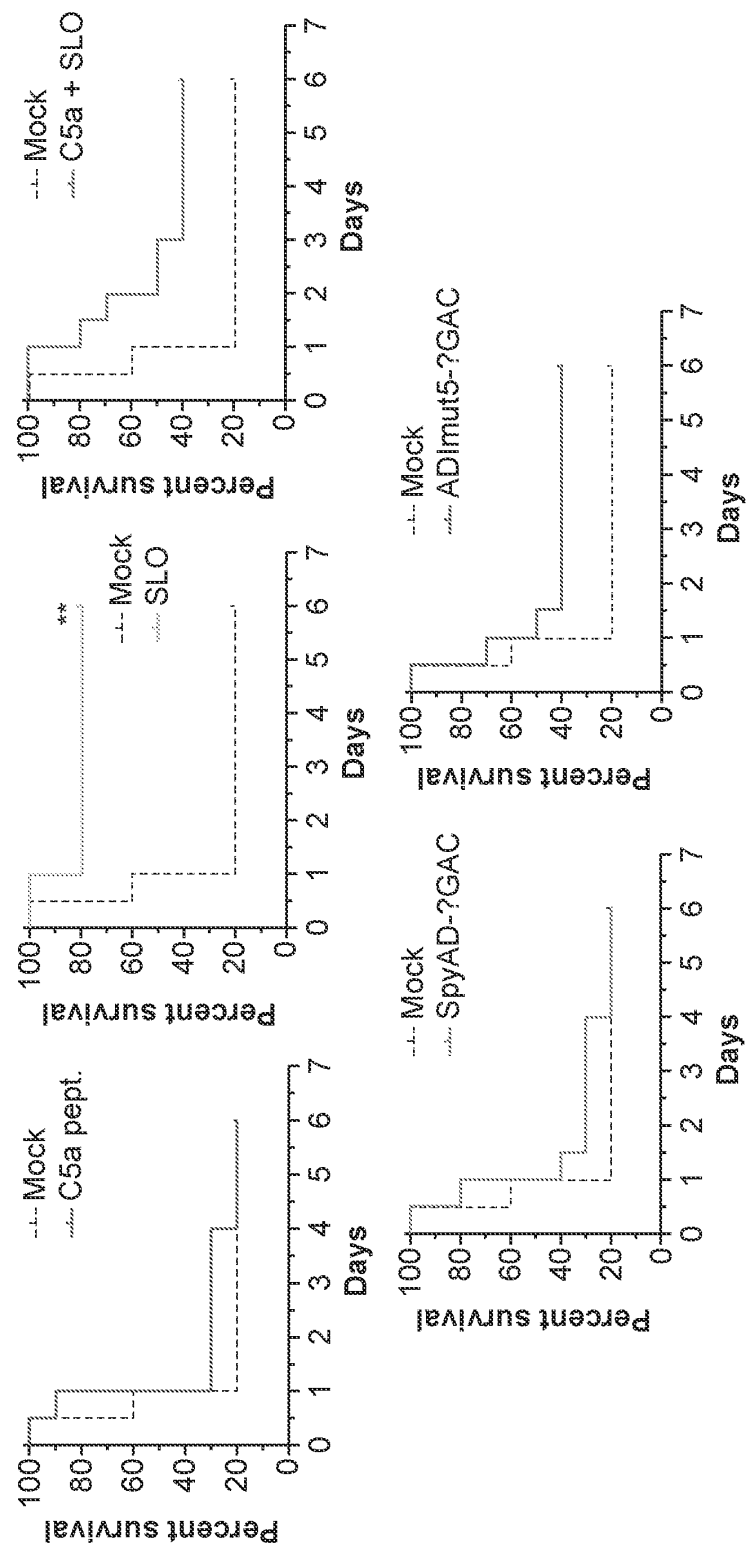


FIG. 5E

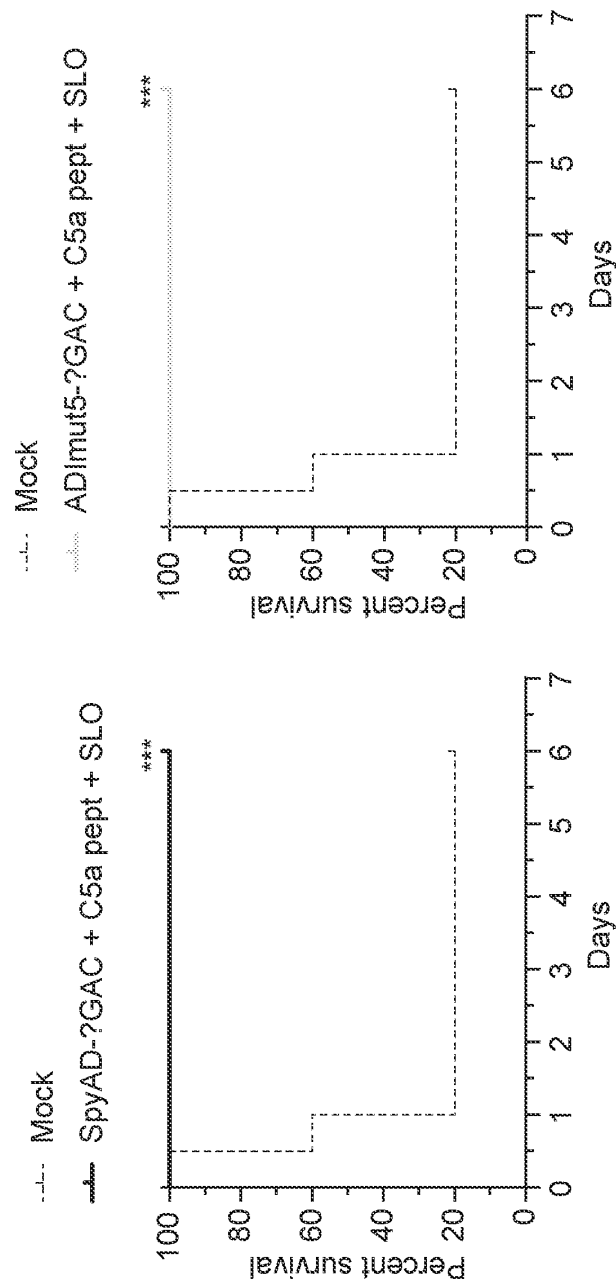


FIG. 5F

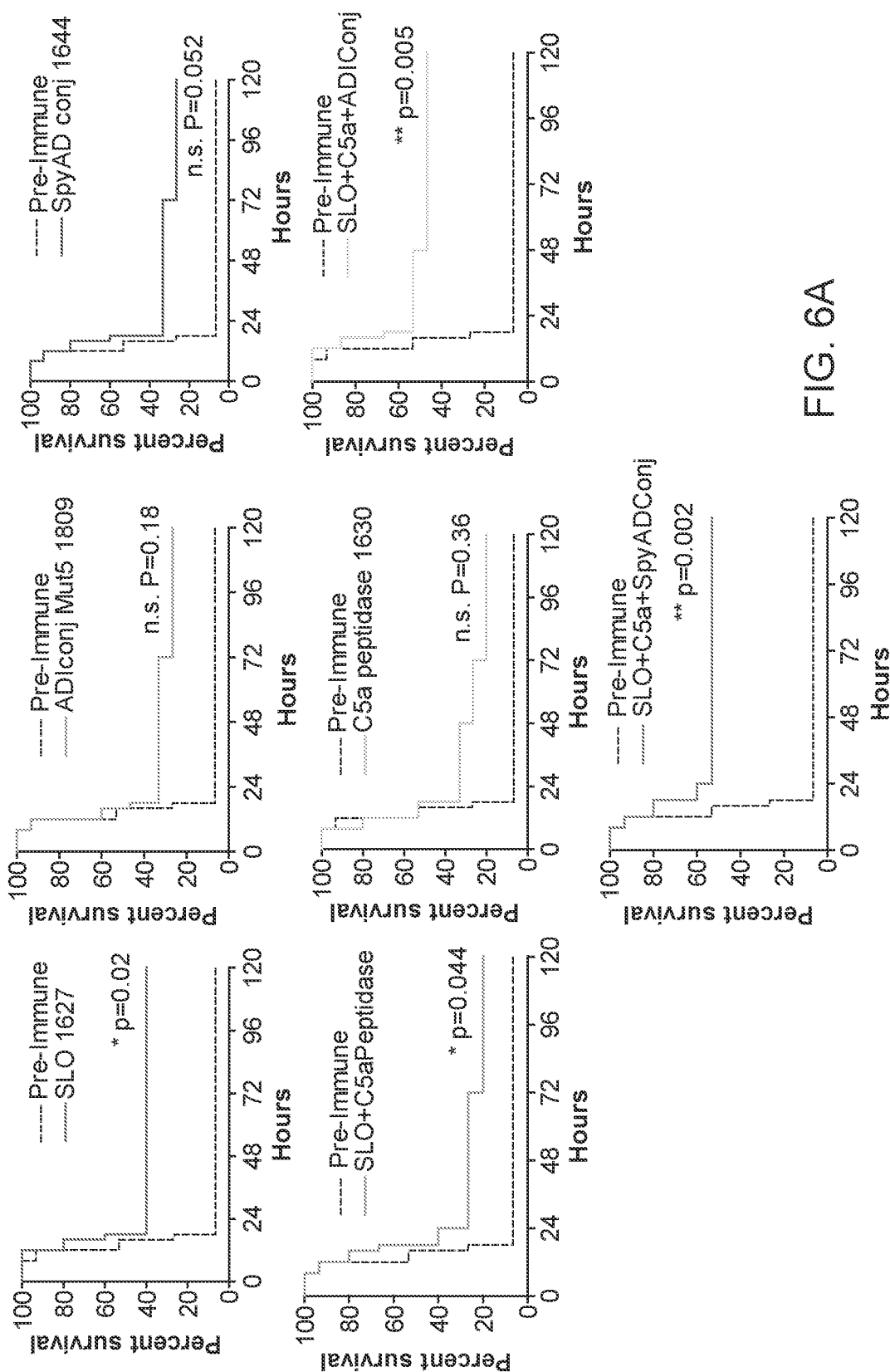


FIG. 6A

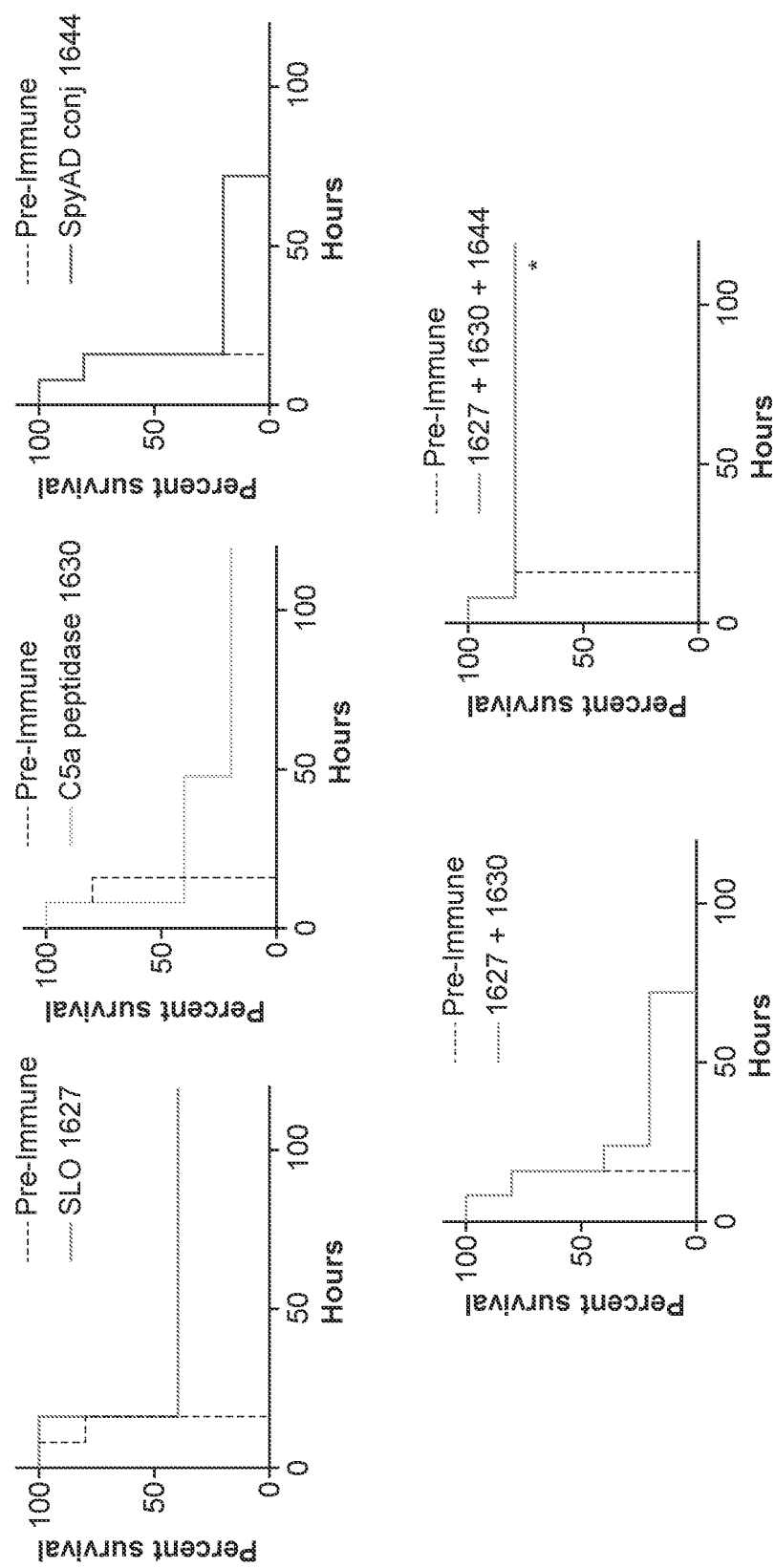


FIG. 6B

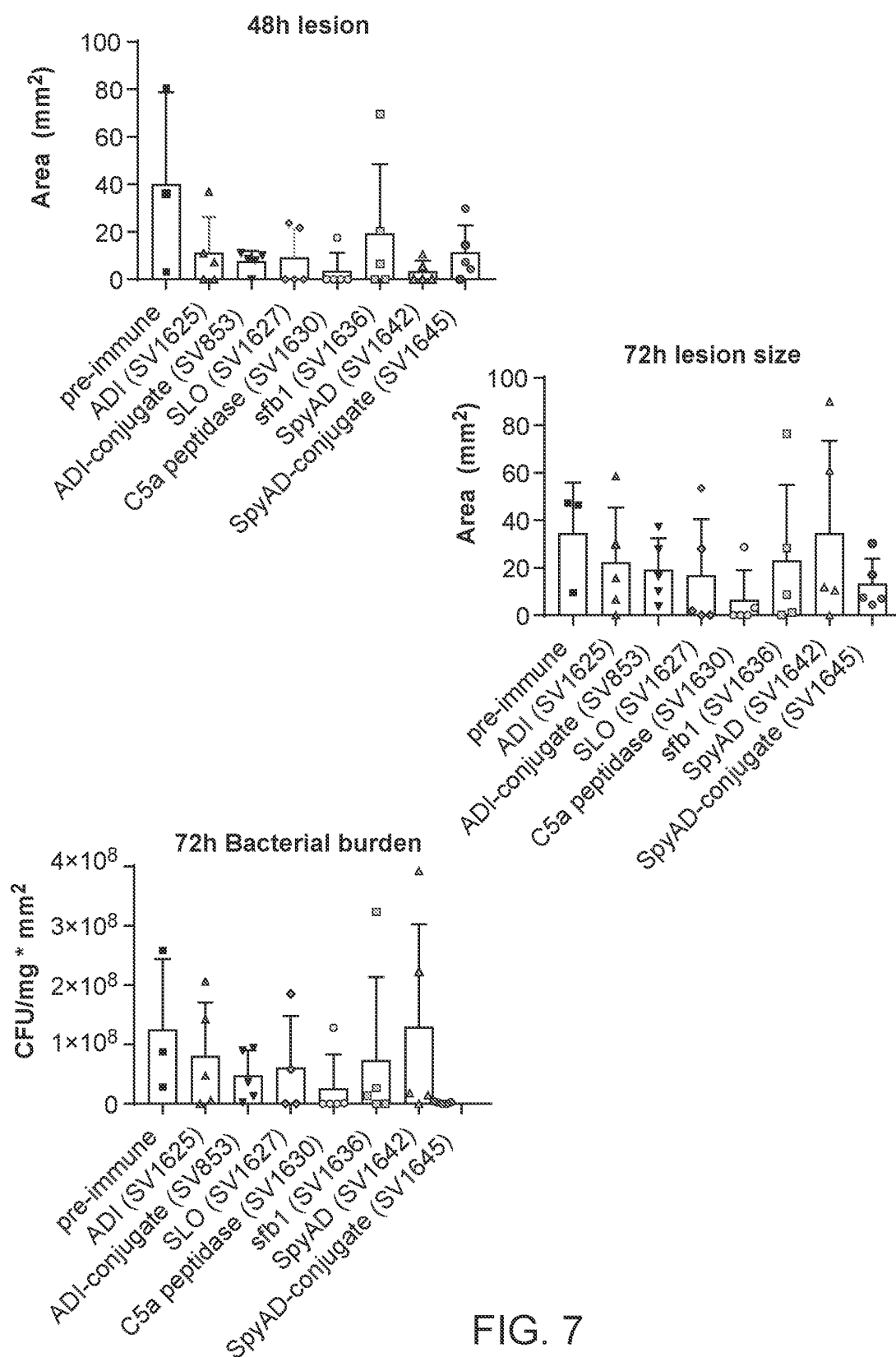
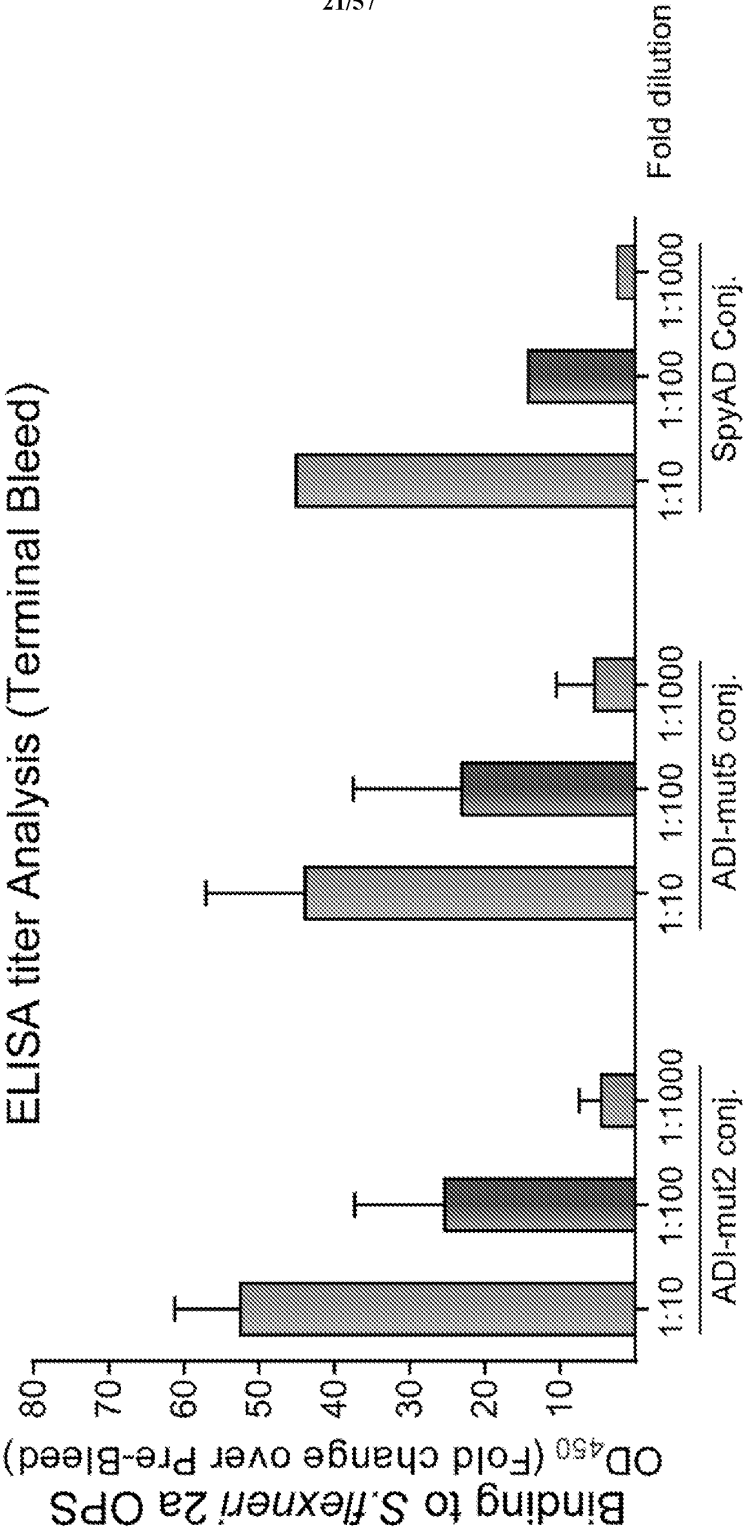


FIG. 7

SUBSTITUTE SHEET (RULE 26)

FIG. 8



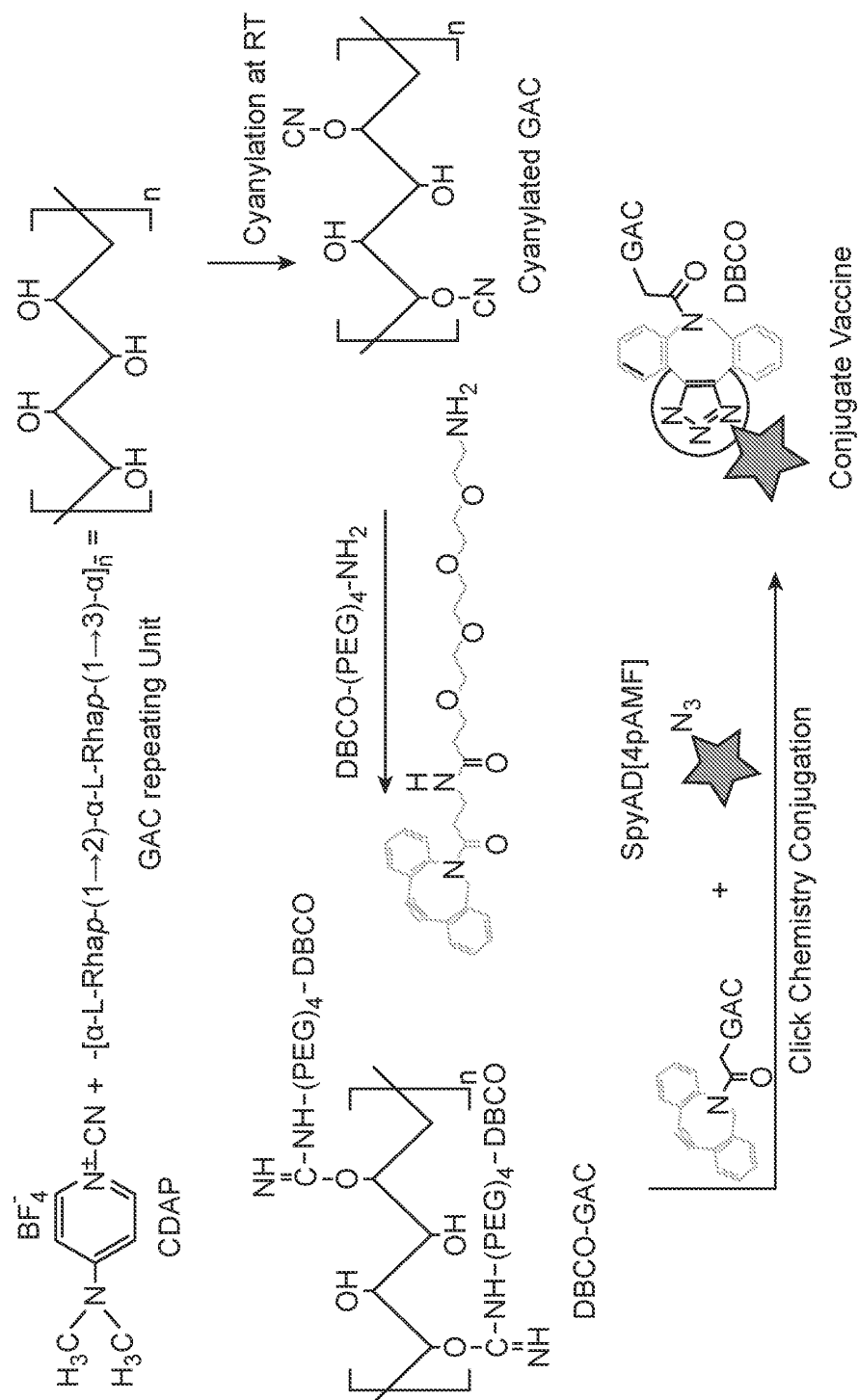


FIG. 9

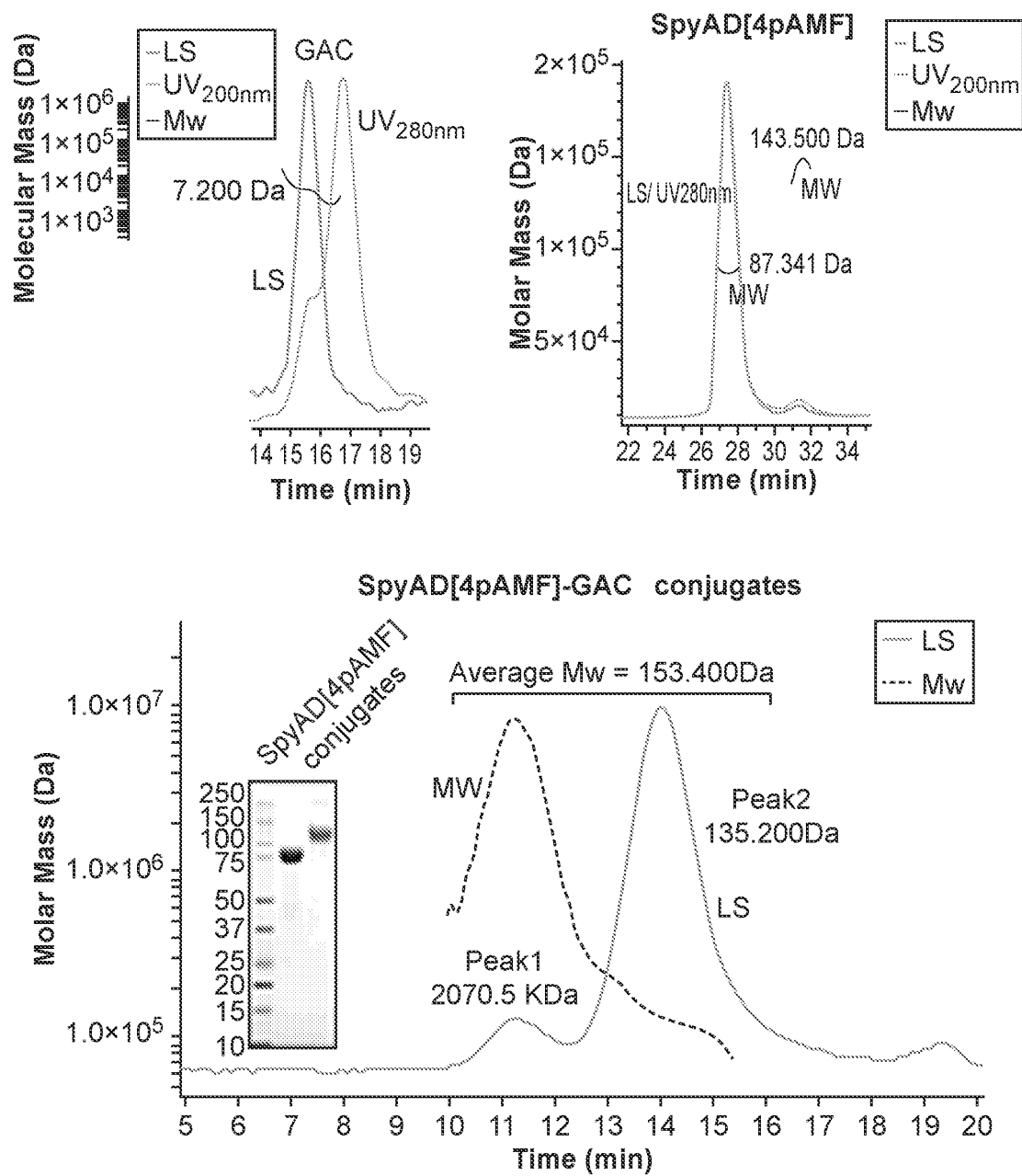


FIG. 10

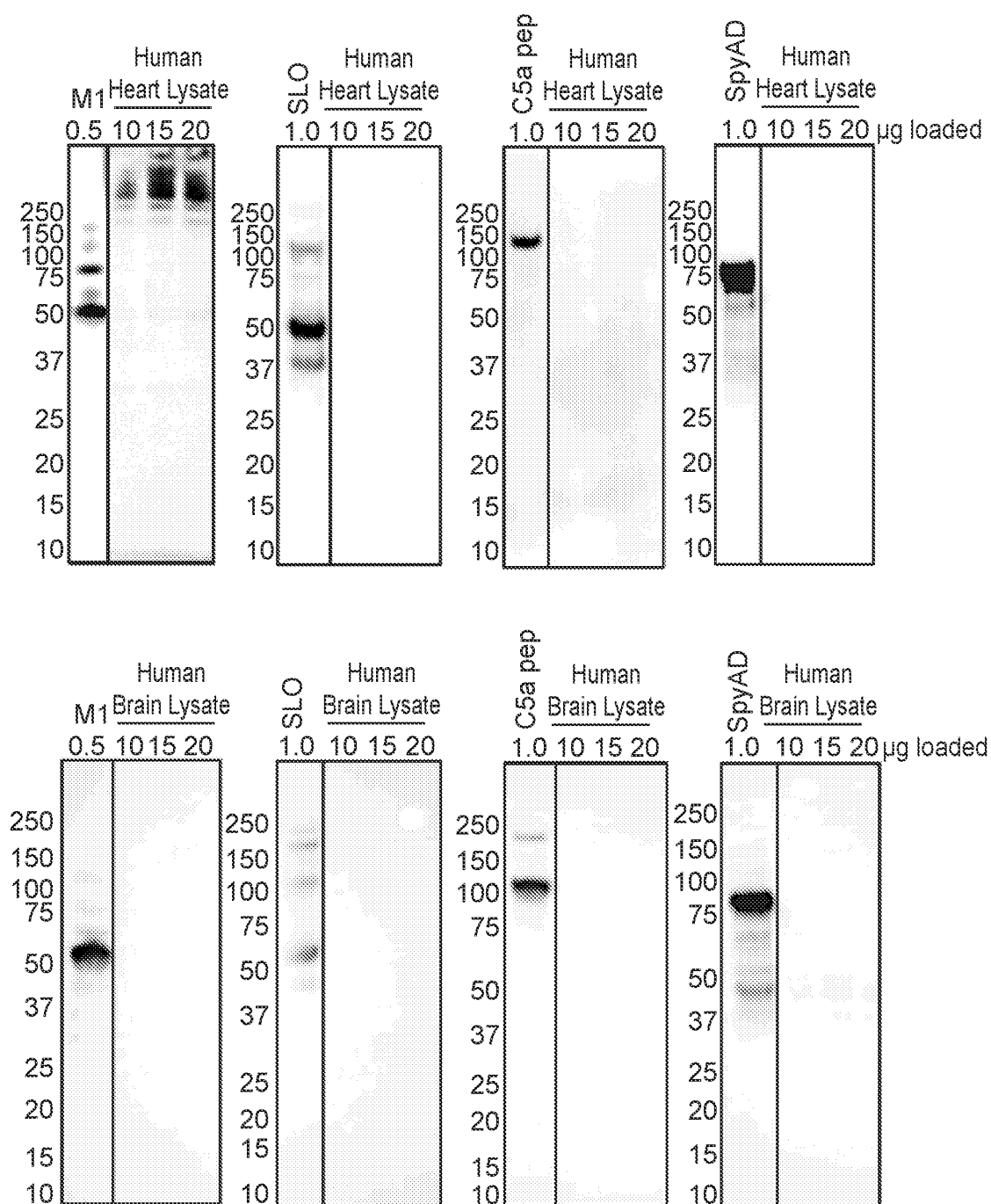


FIG. 11

FIG. 12

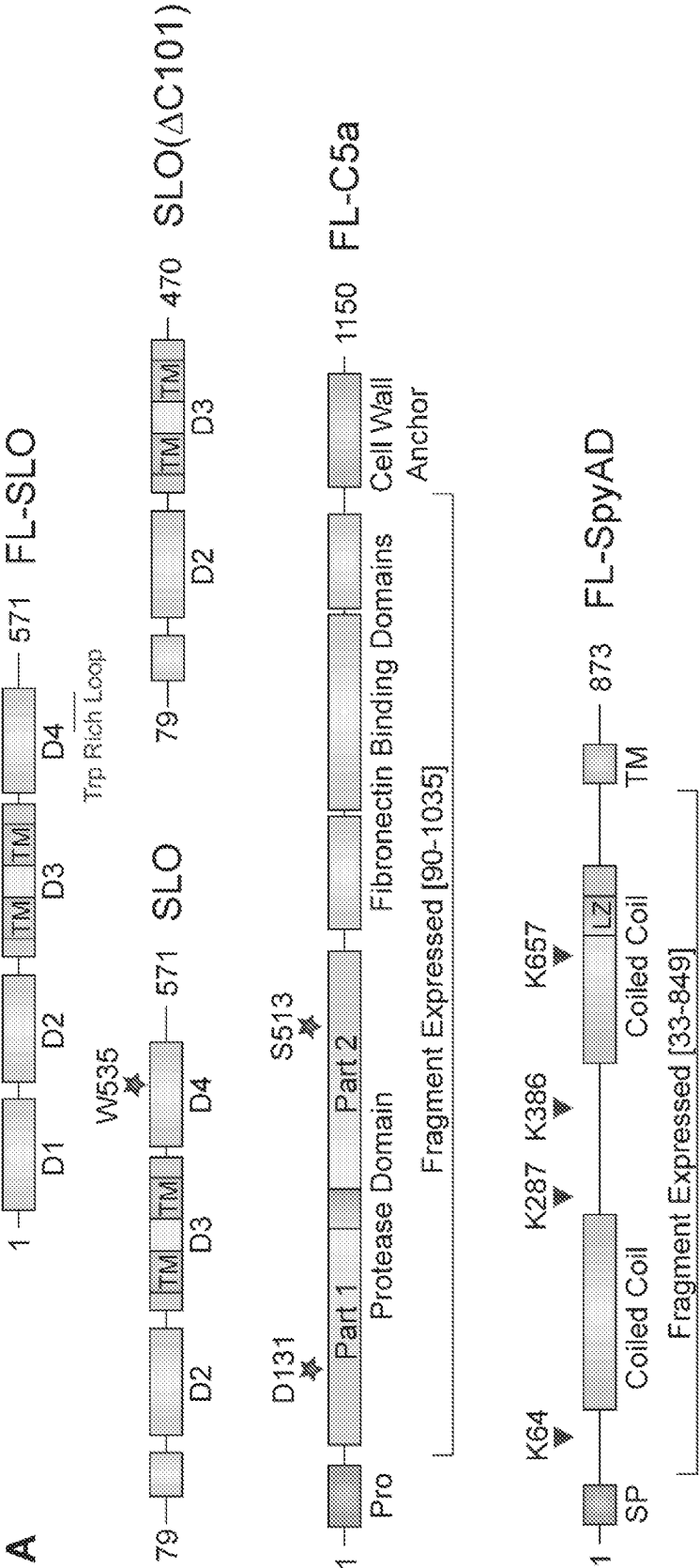
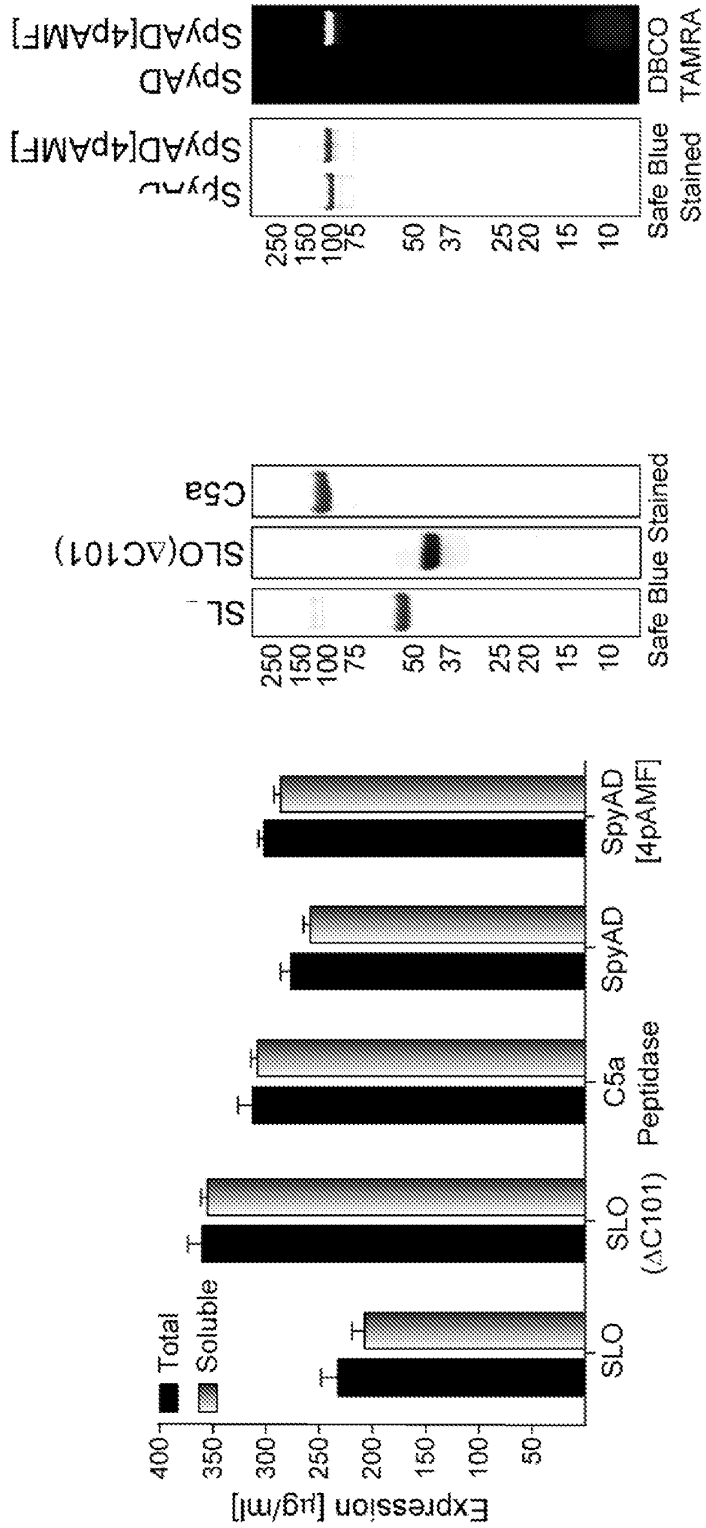


FIG. 13



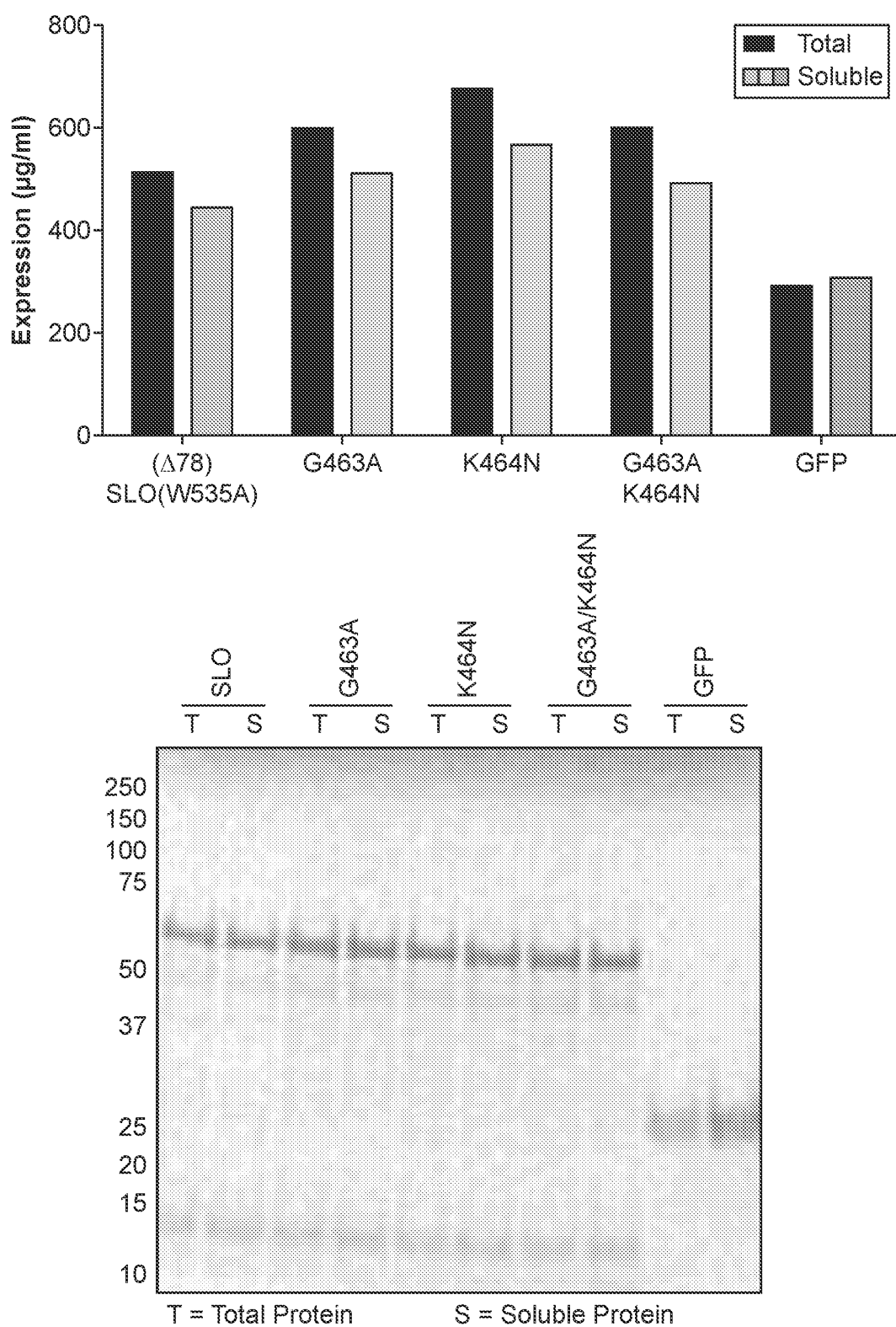
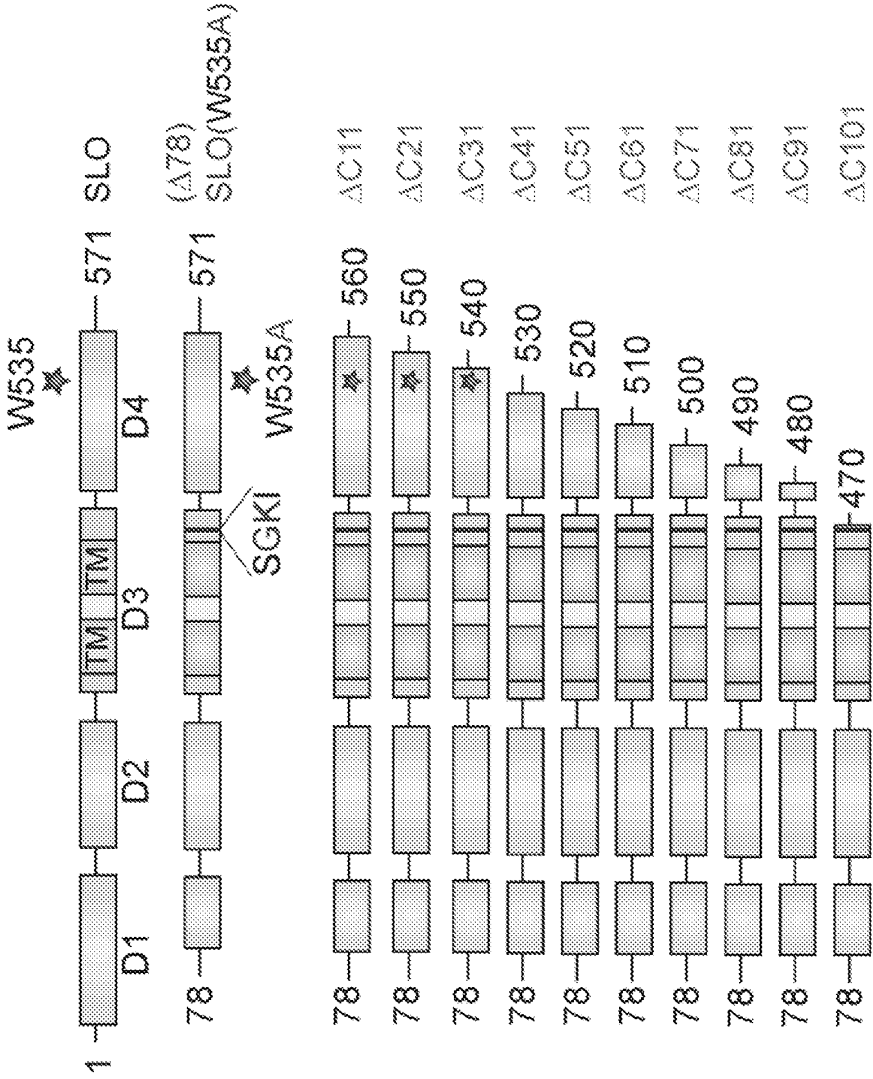


FIG. 14

SUBSTITUTE SHEET (RULE 26)

FIG. 15



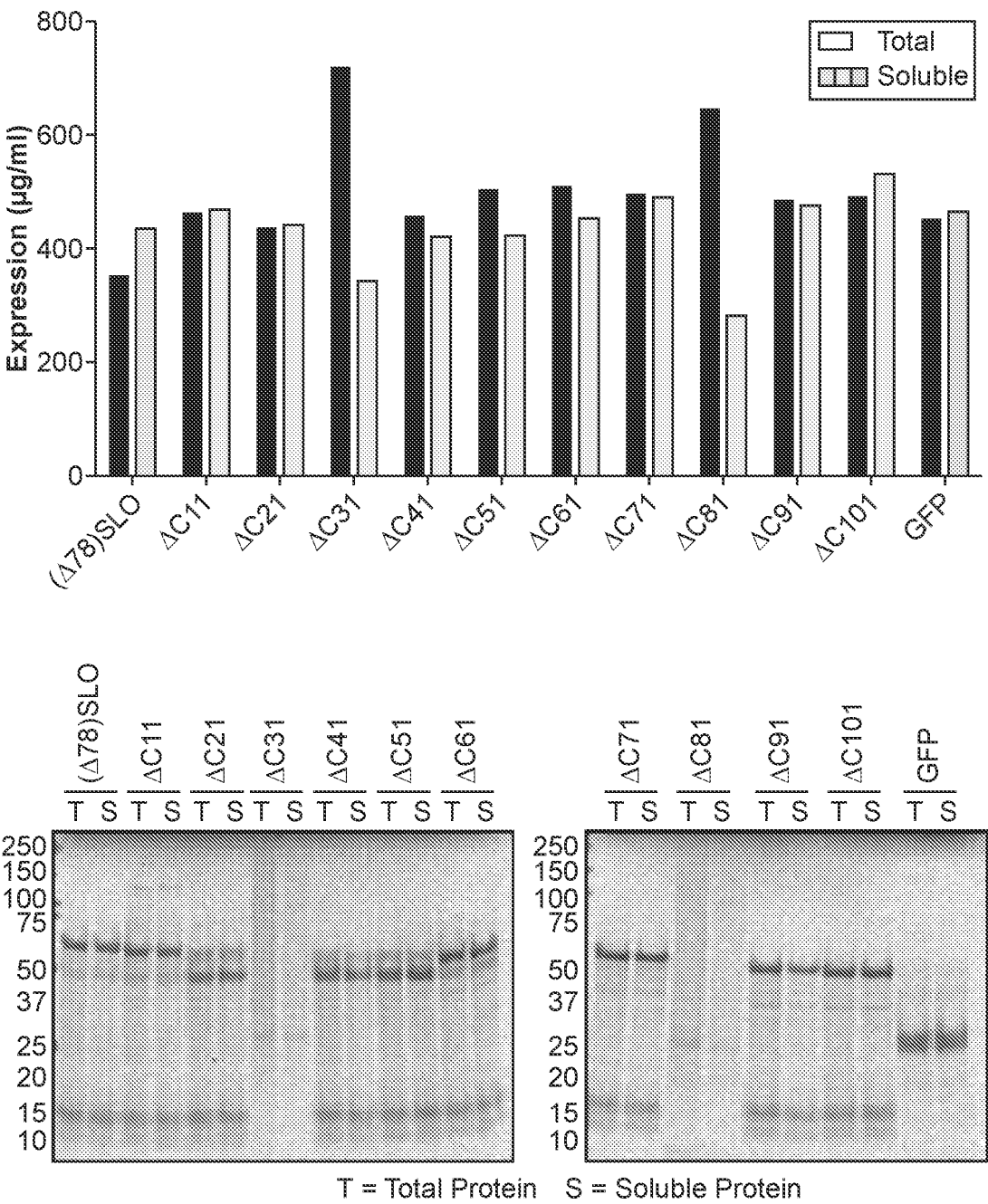


FIG. 16

FIG. 17

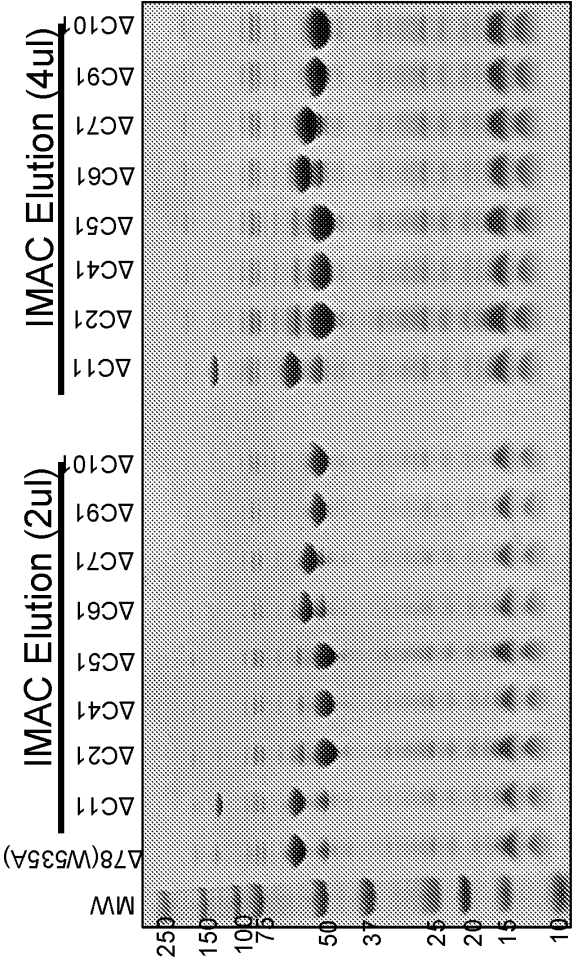
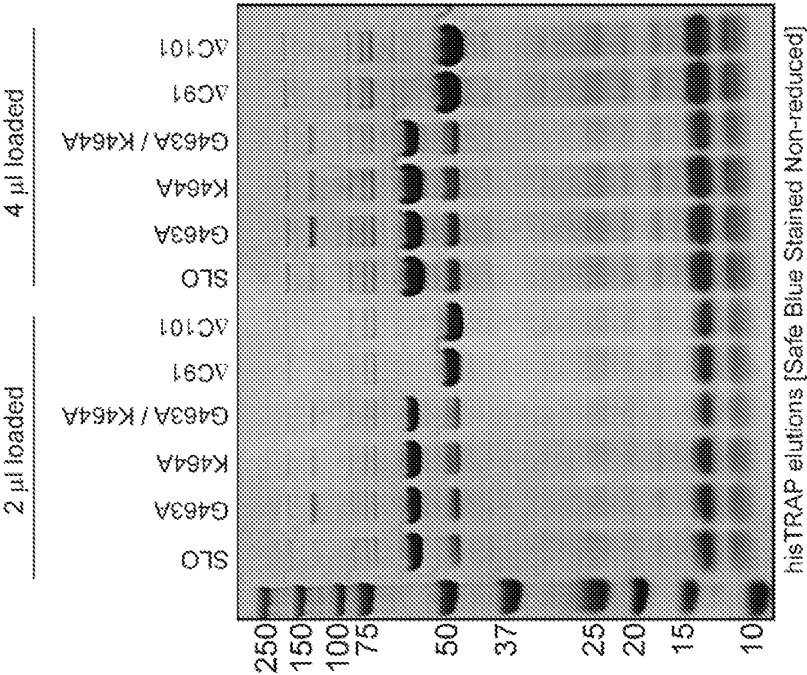


FIG. 18

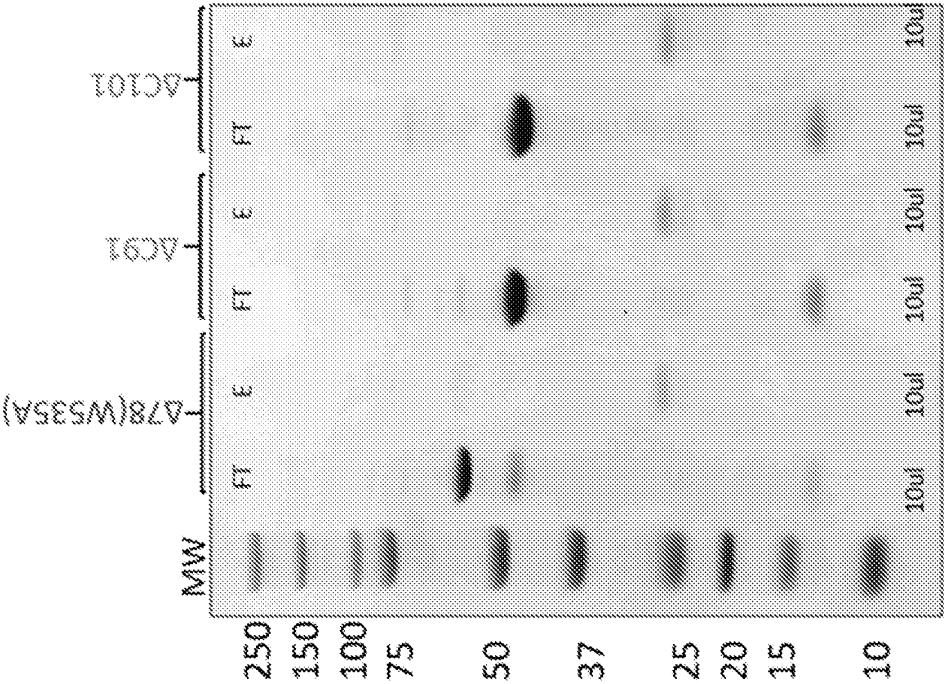


FIG. 19

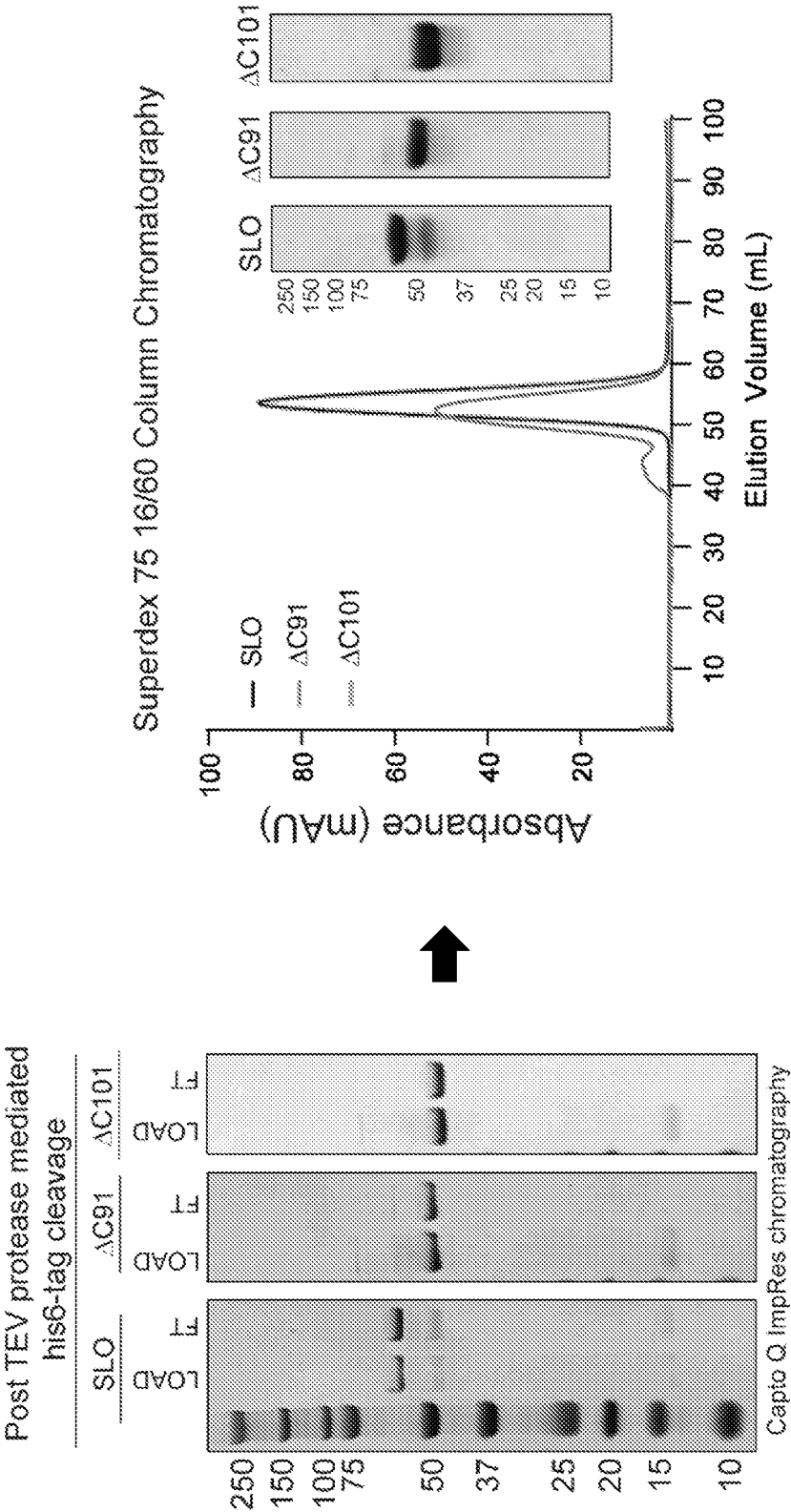
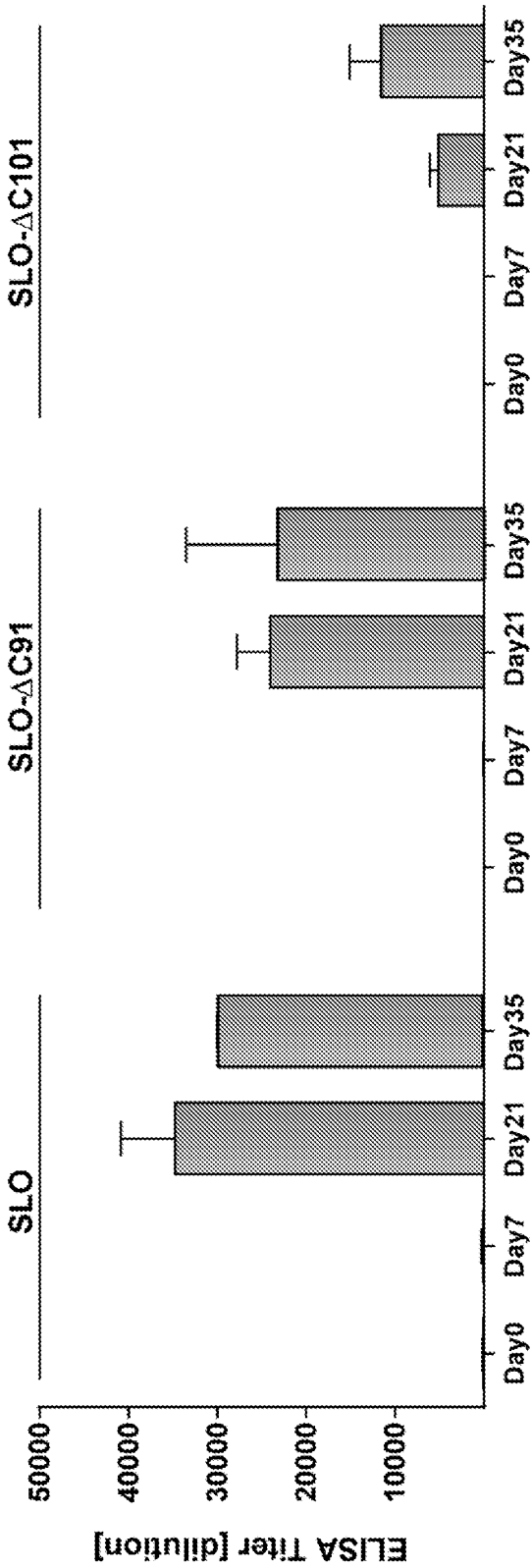


FIG. 20



Immunization Dose : 50 µg + Alum / I.M. injection
ELISA performed against in respective antigen

FIG. 21

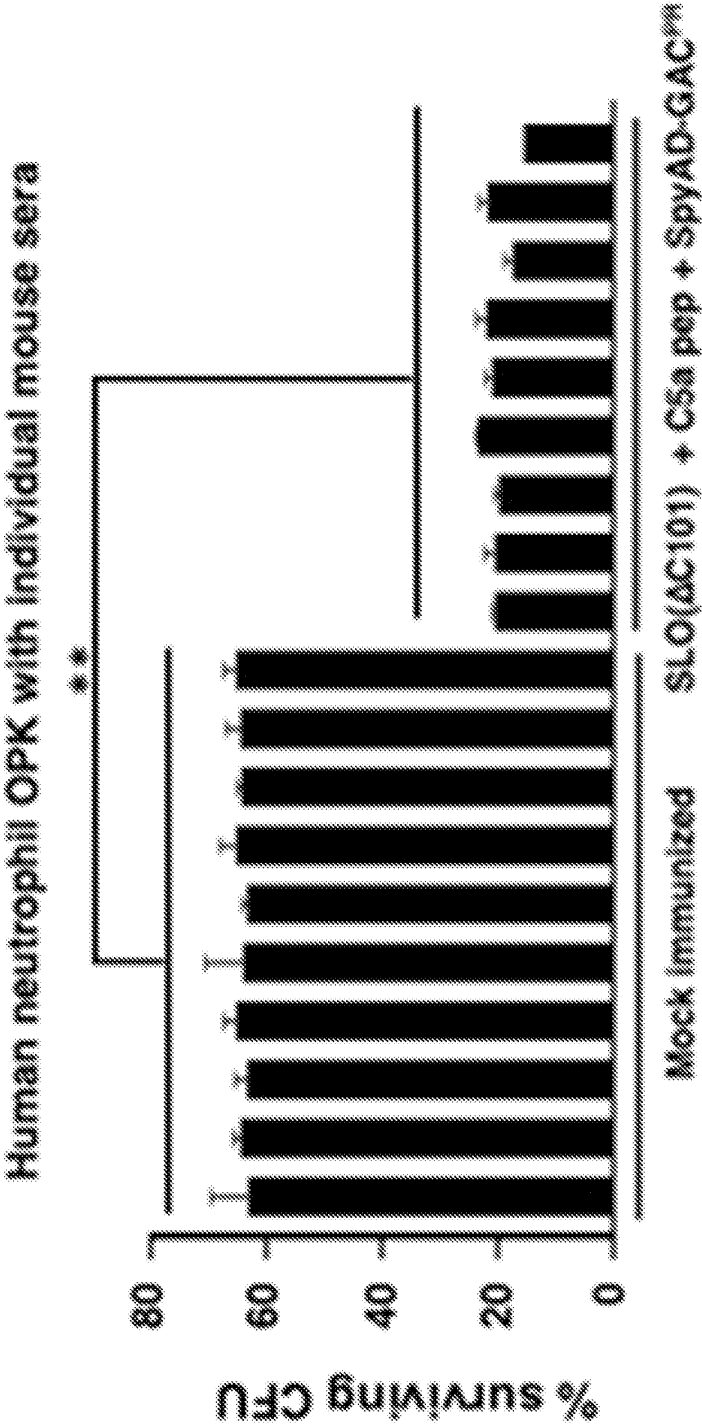


FIG. 22C

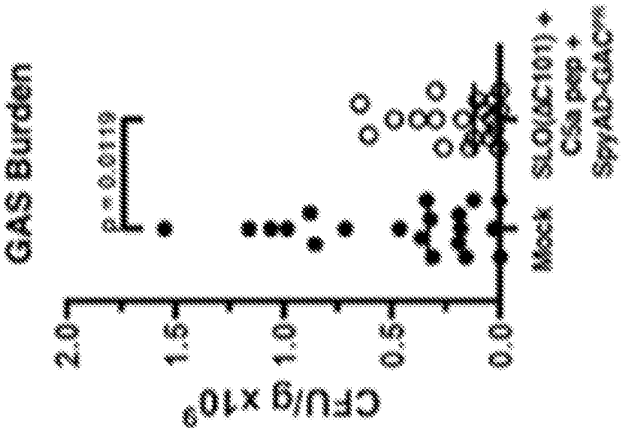


FIG. 22B

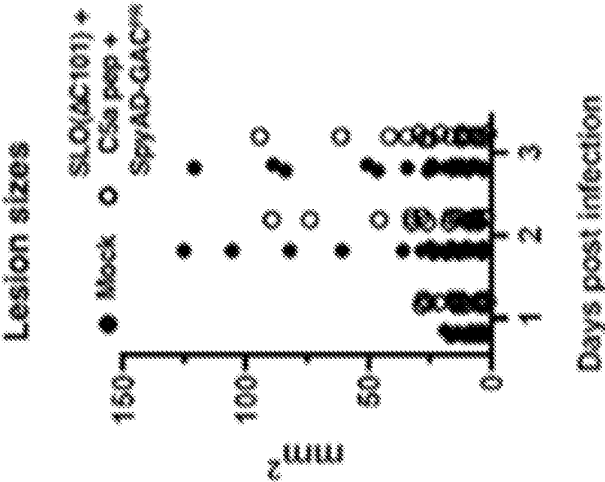


FIG. 22A

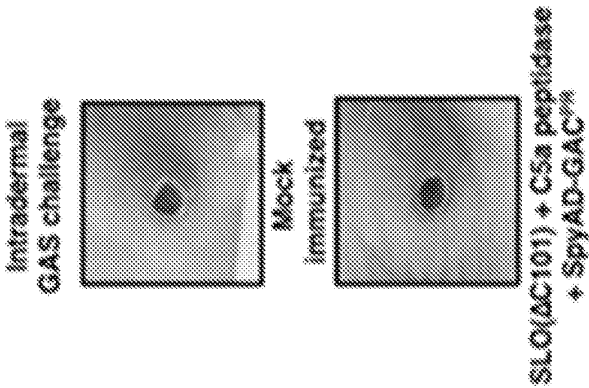
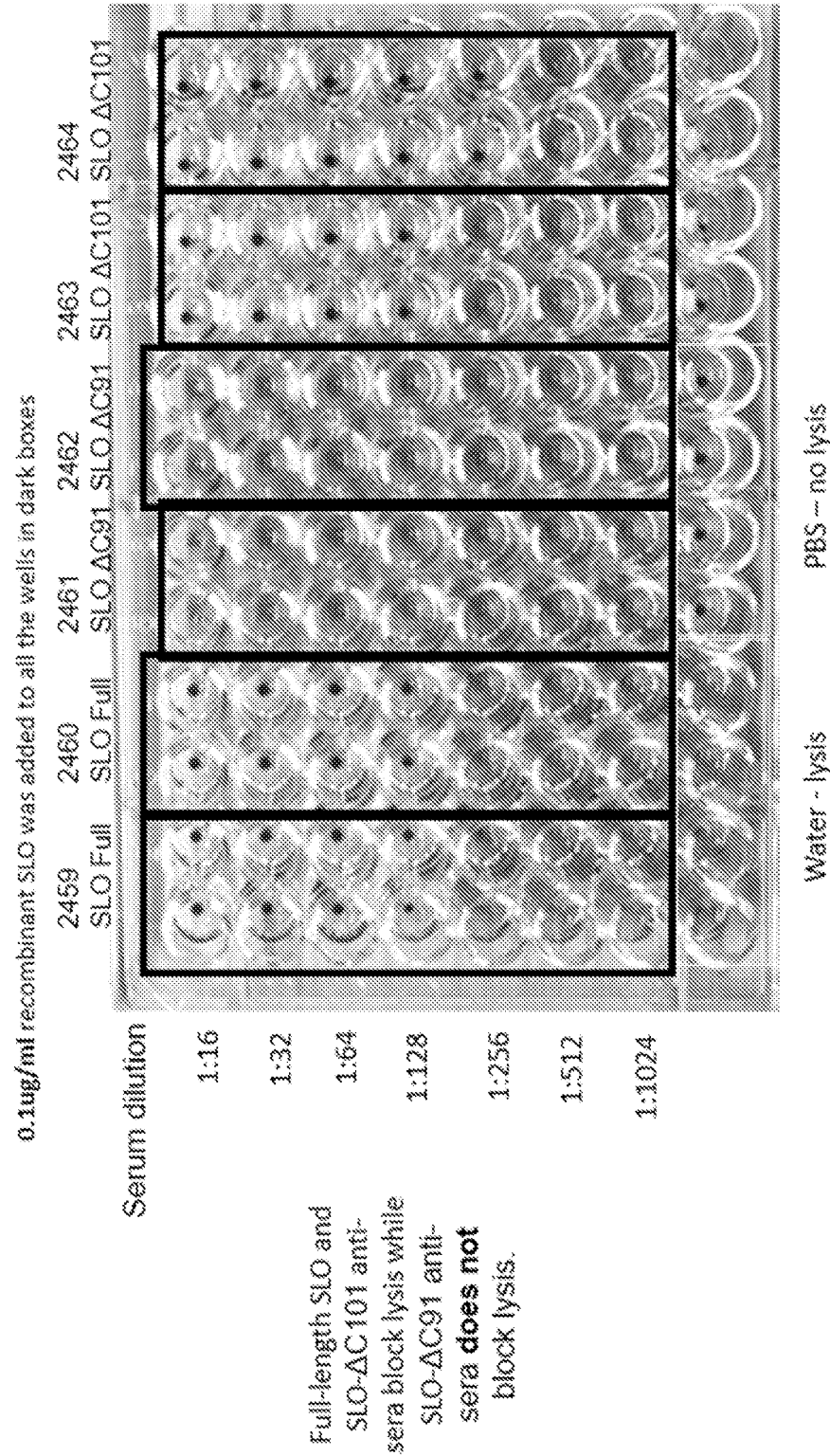
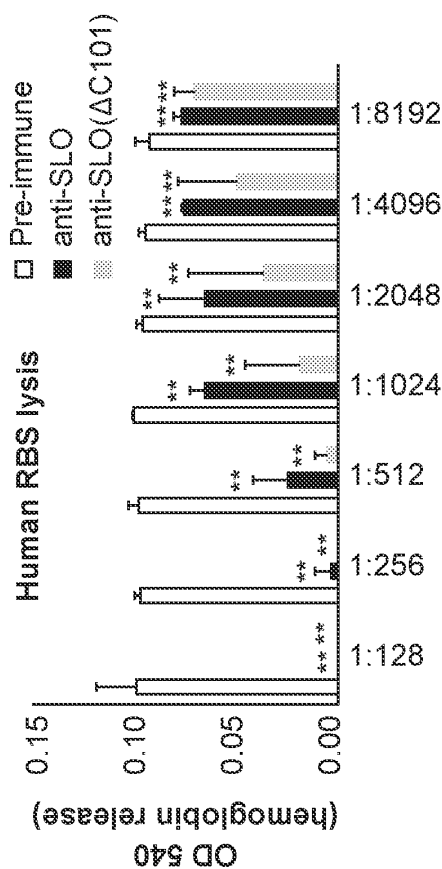
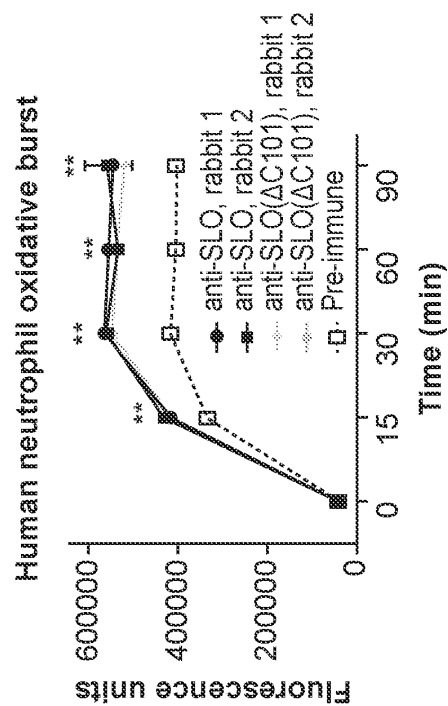
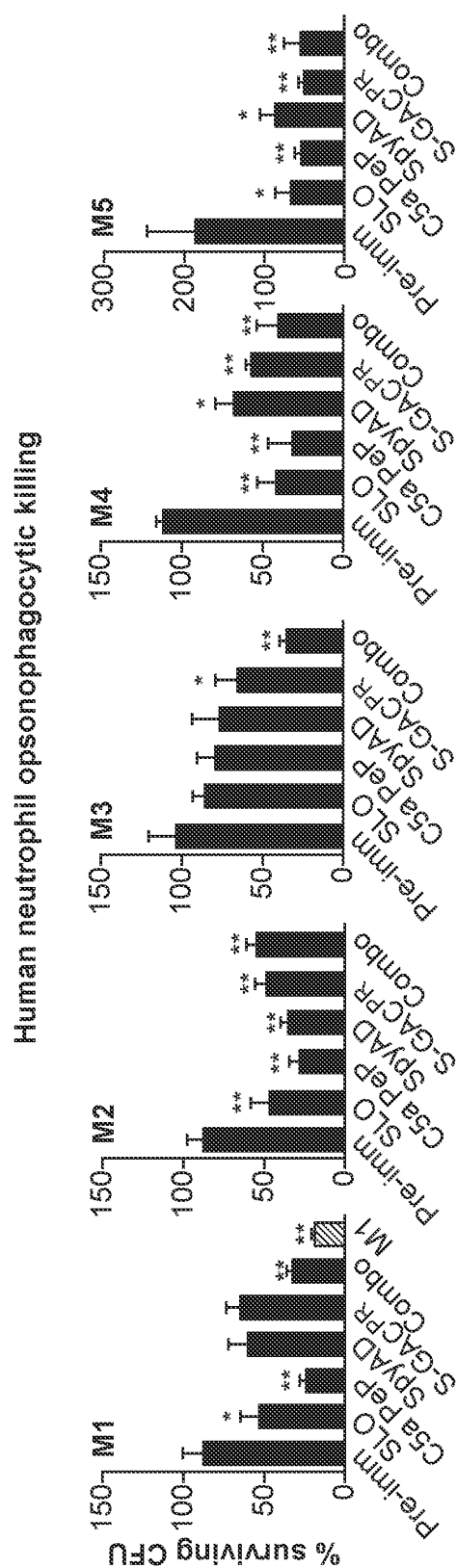


FIG. 23





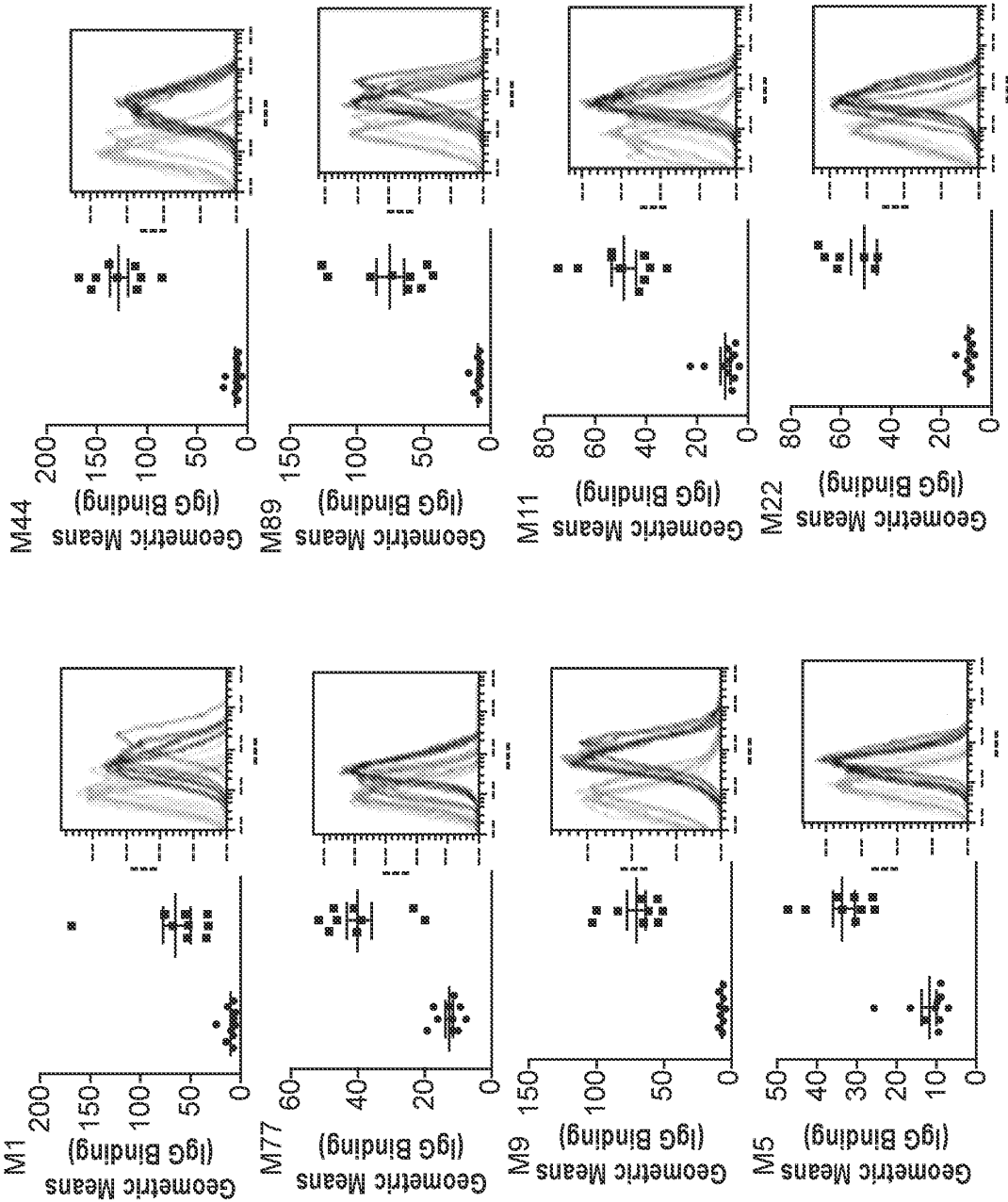


FIG. 25A

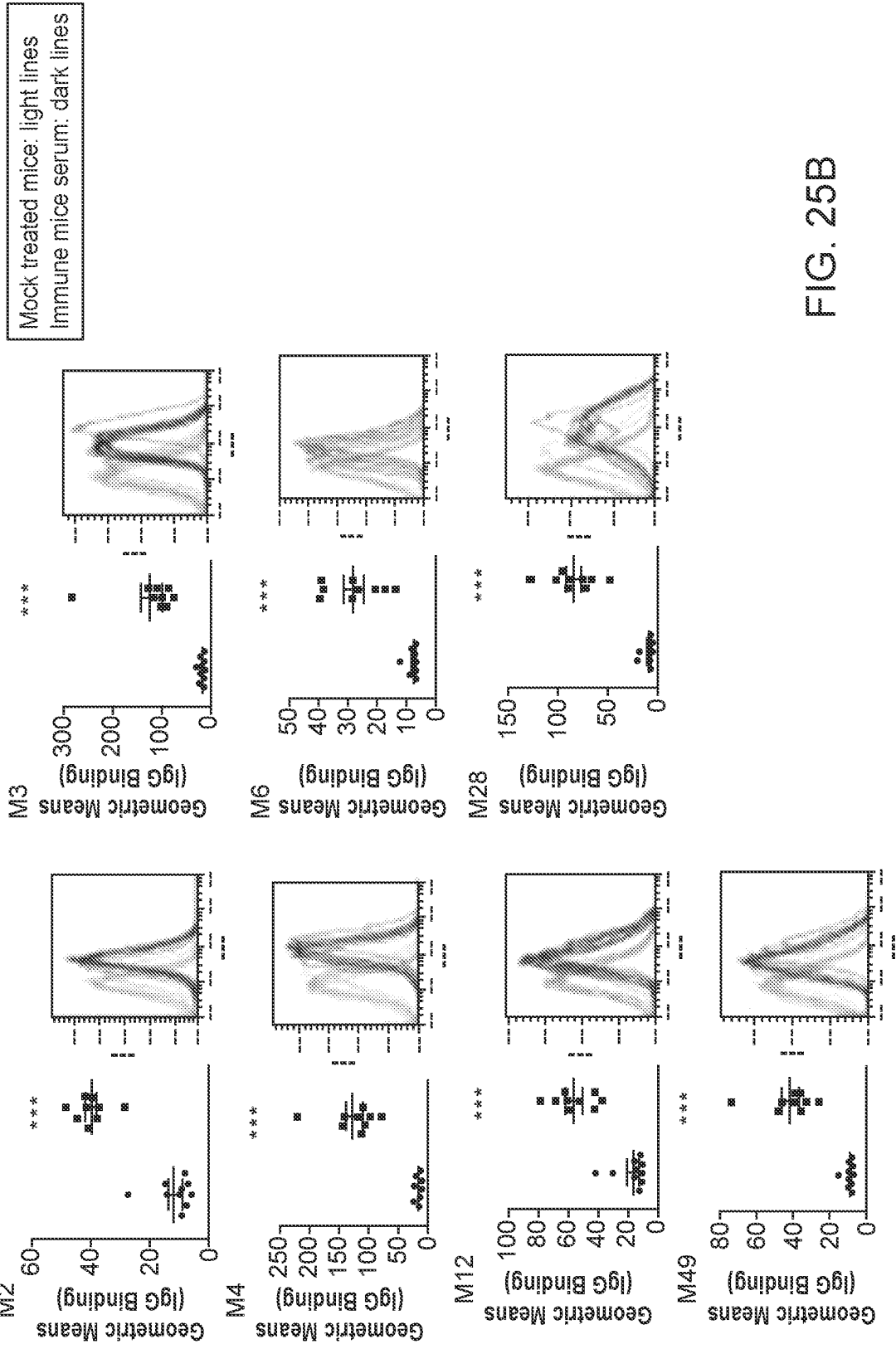


FIG. 25B

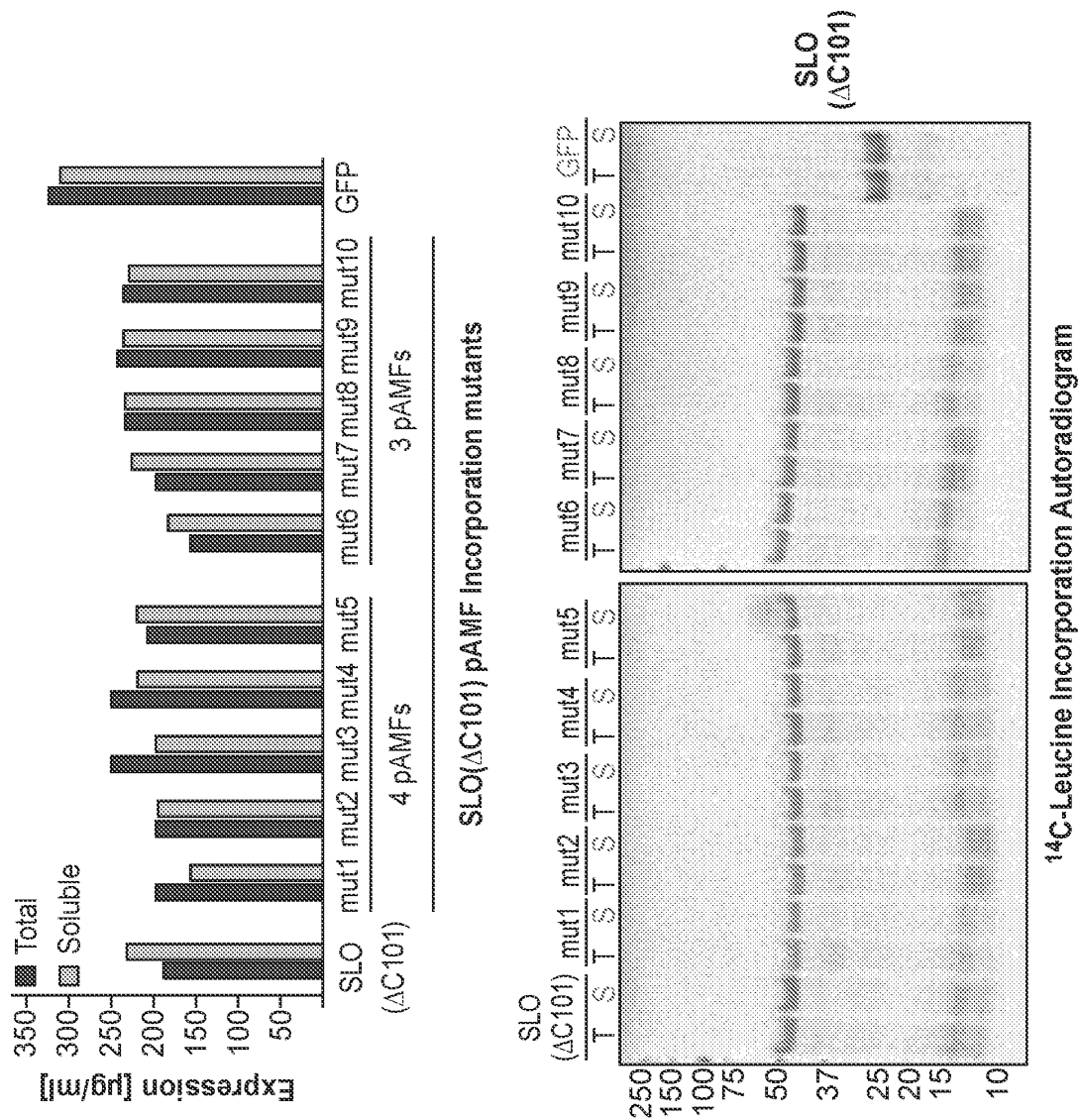


FIG. 26

FIG. 27A

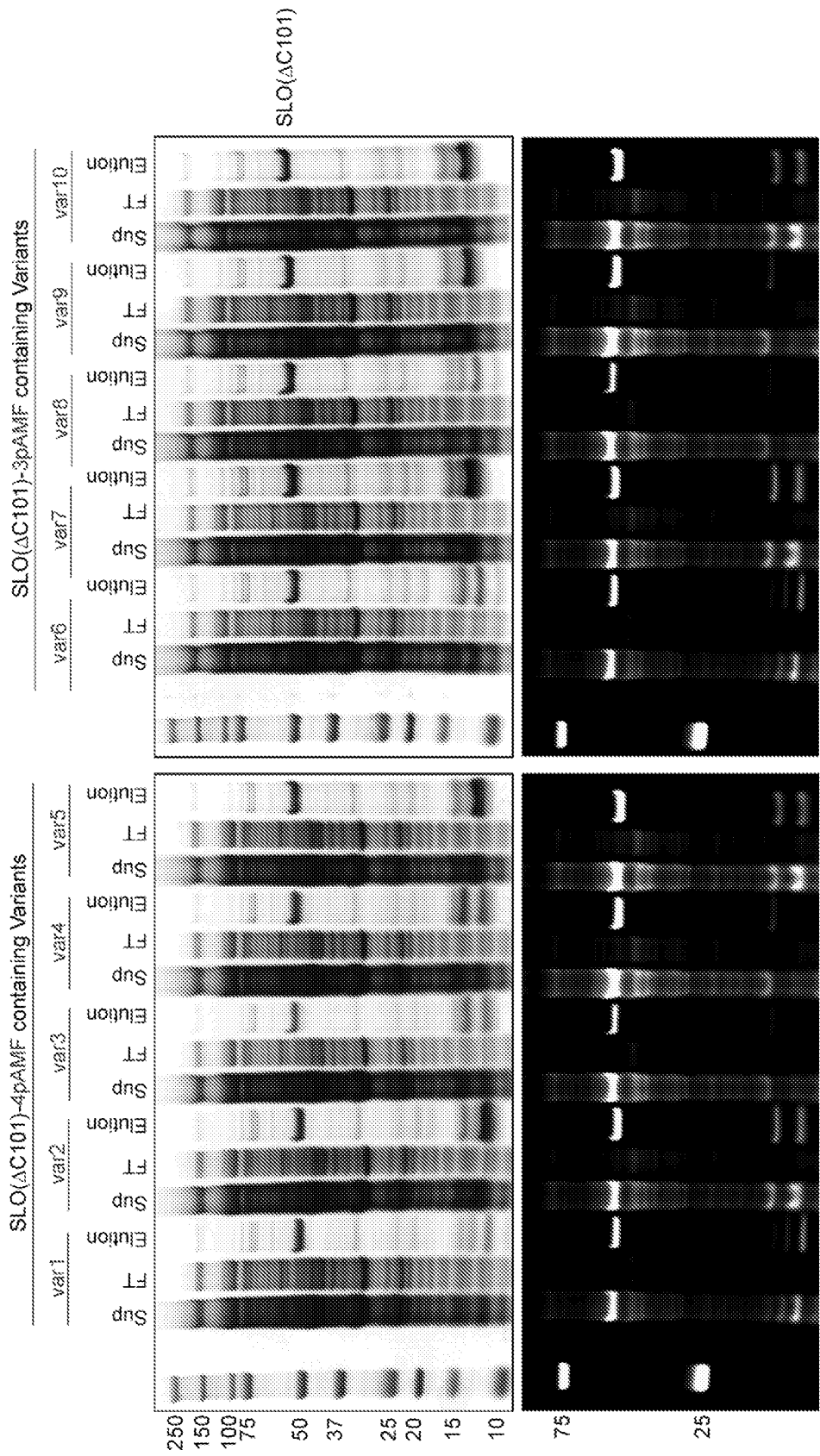


FIG. 27B

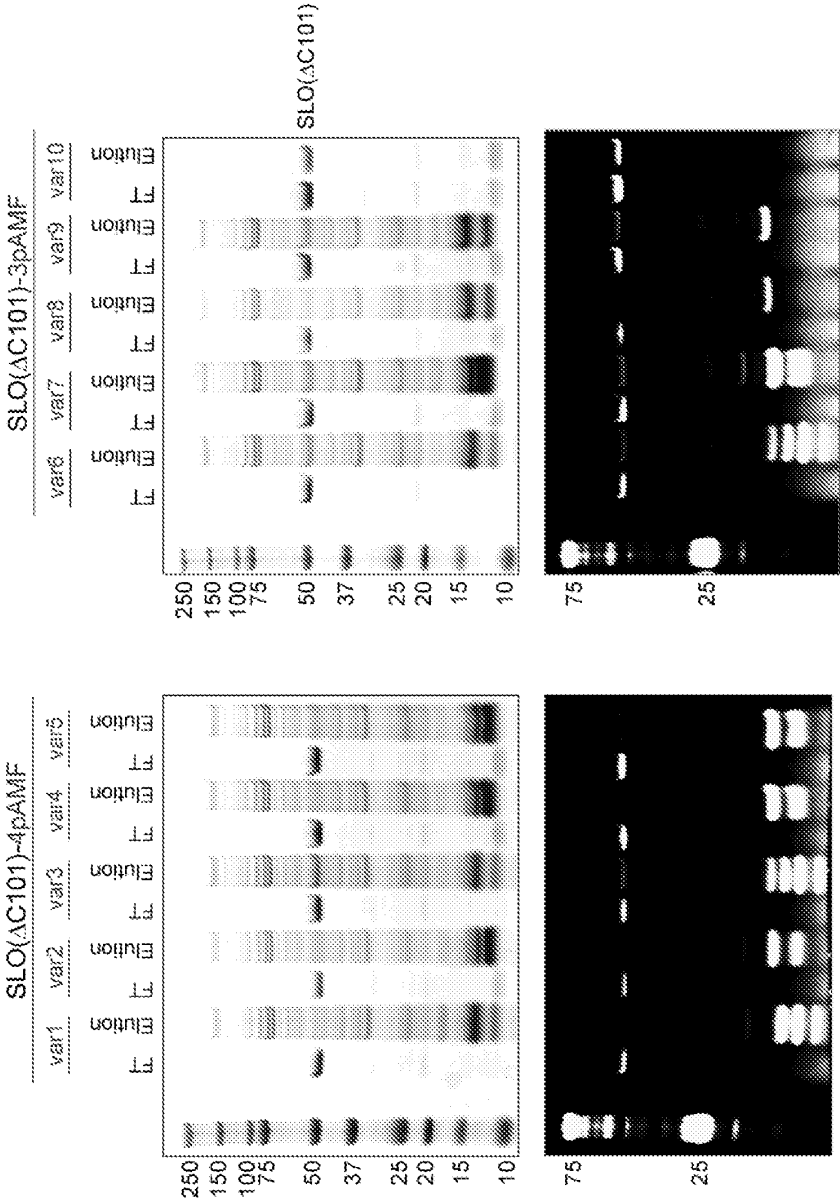
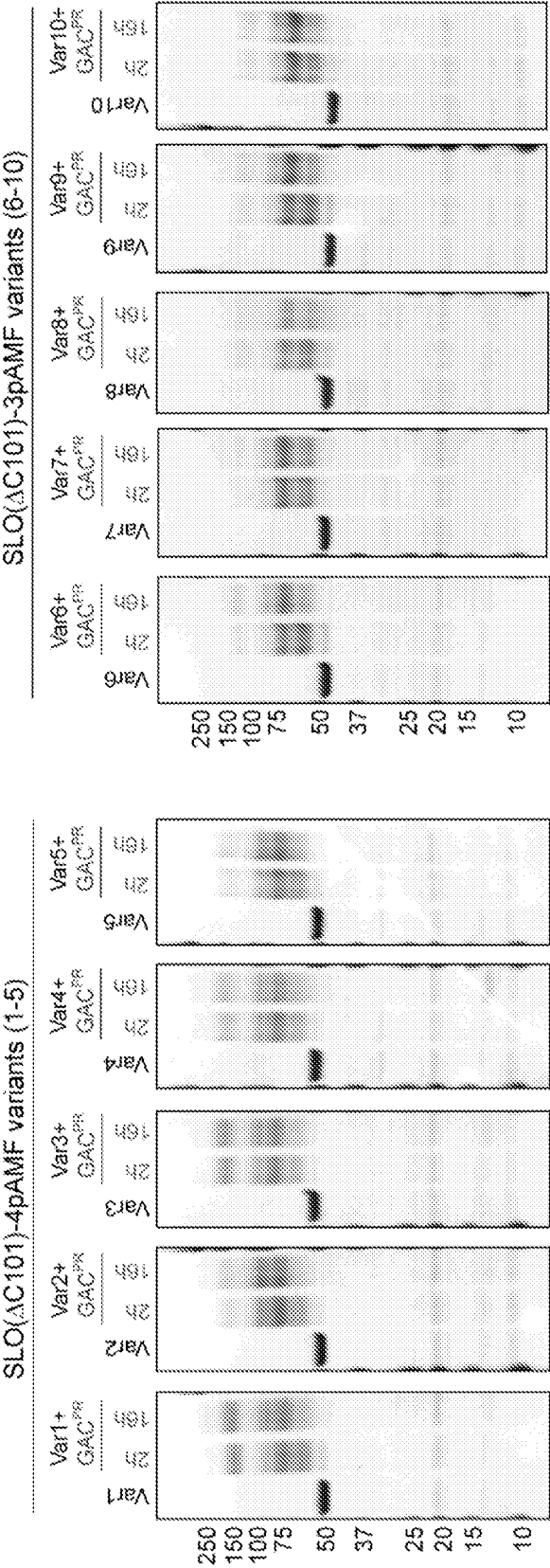


FIG. 28

Incubate DBCO derivatized GAC with SLO variants for conjugated at 25C overnight										
Reaction	1	2	3	4	5	6	7	8	9	10
Protein	60.0	48.0	80.0	48.0	40.0	17.8	20.9	48.0	21.8	30.0
PS-DBCO	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
Buffer (10x PBS)	6.0	12.0	6.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Water	11.5	17.5	-8.5	17.5	25.5	47.7	44.7	17.5	43.7	35.5
Total	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
Protein Stock	var1	var2	var3	var4	var5	var6	var7	var8	var9	var10
	0.8	1.0	0.6	1.0	1.2	2.7	2.3	1.0	2.2	1.6
PS-DBCO stock	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13

FIG. 29



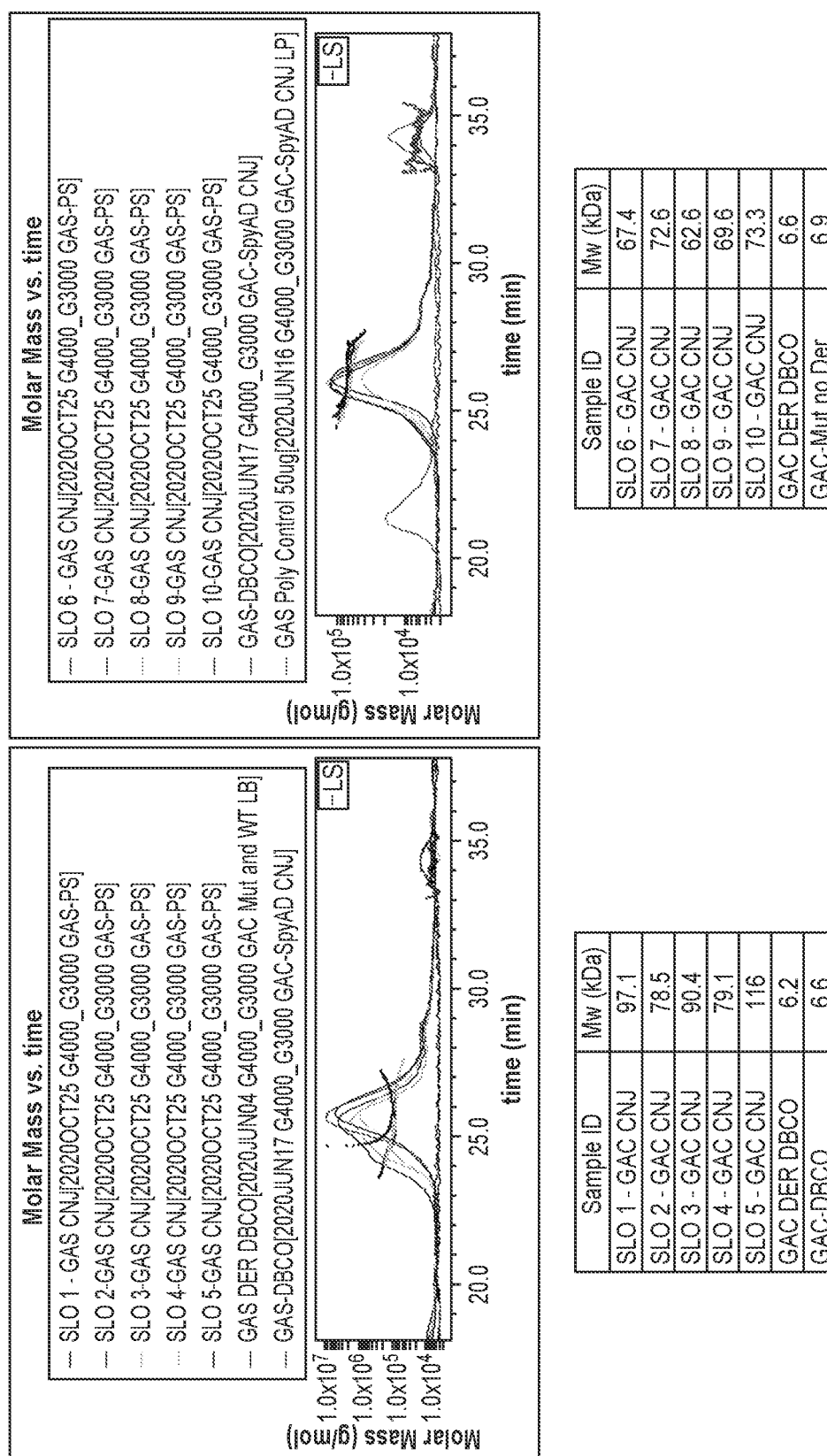


FIG. 31A

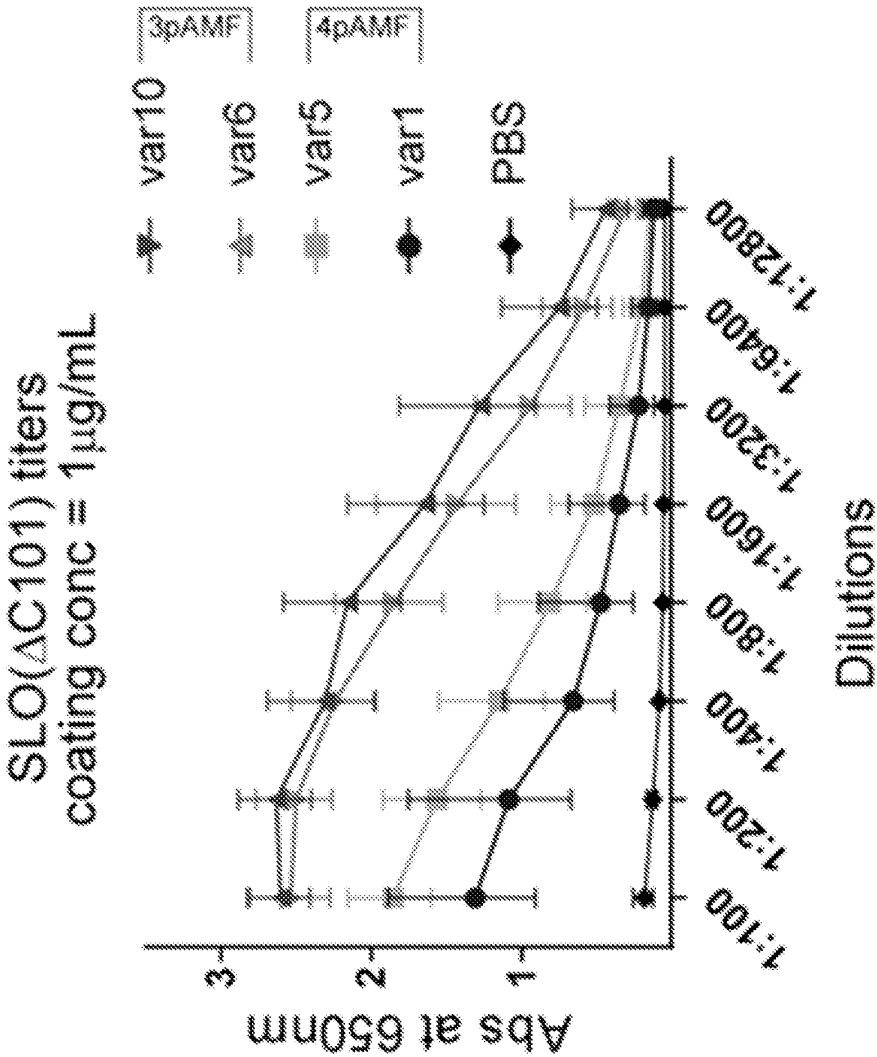
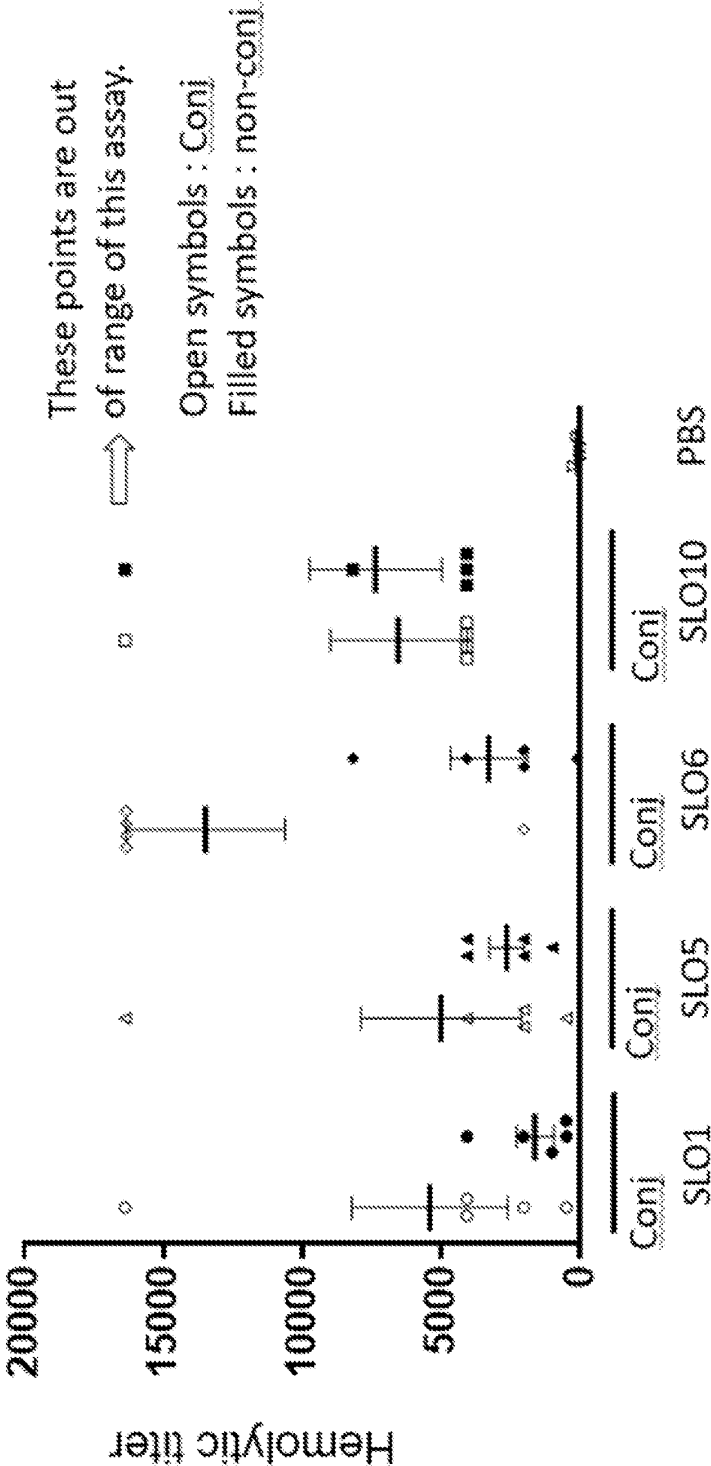
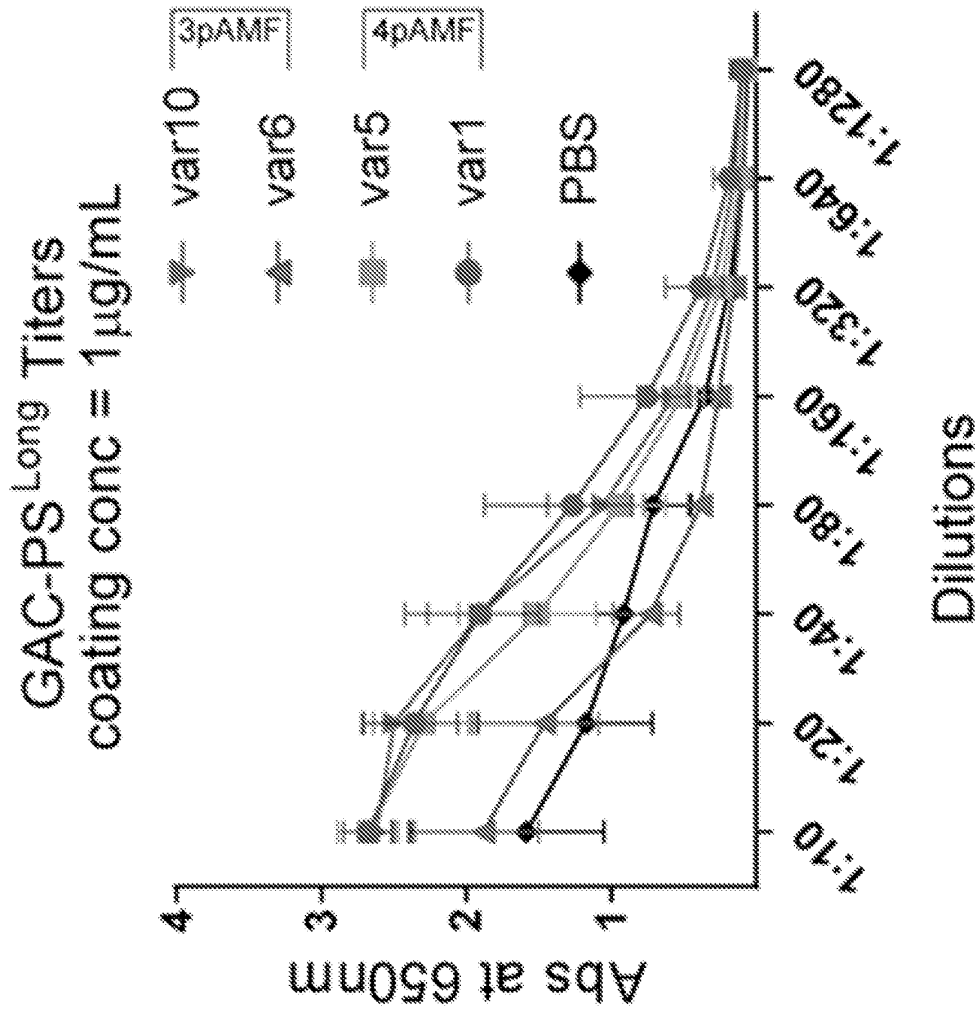


FIG. 31B



Each titer was recorded as the point that the hemolysis reached half of the 100% RBC lysis (H₂O) control.

FIG. 31C



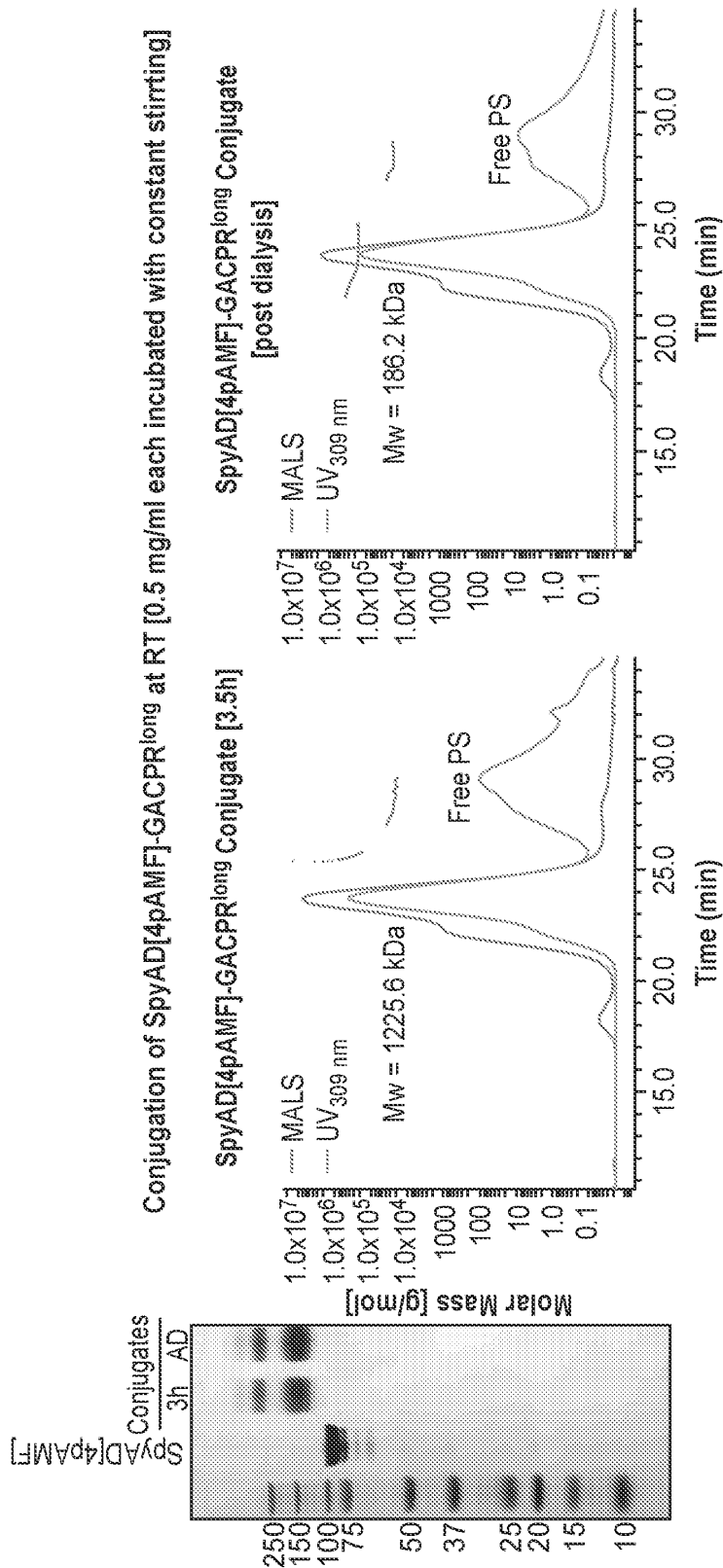


FIG. 32

FIG. 33A

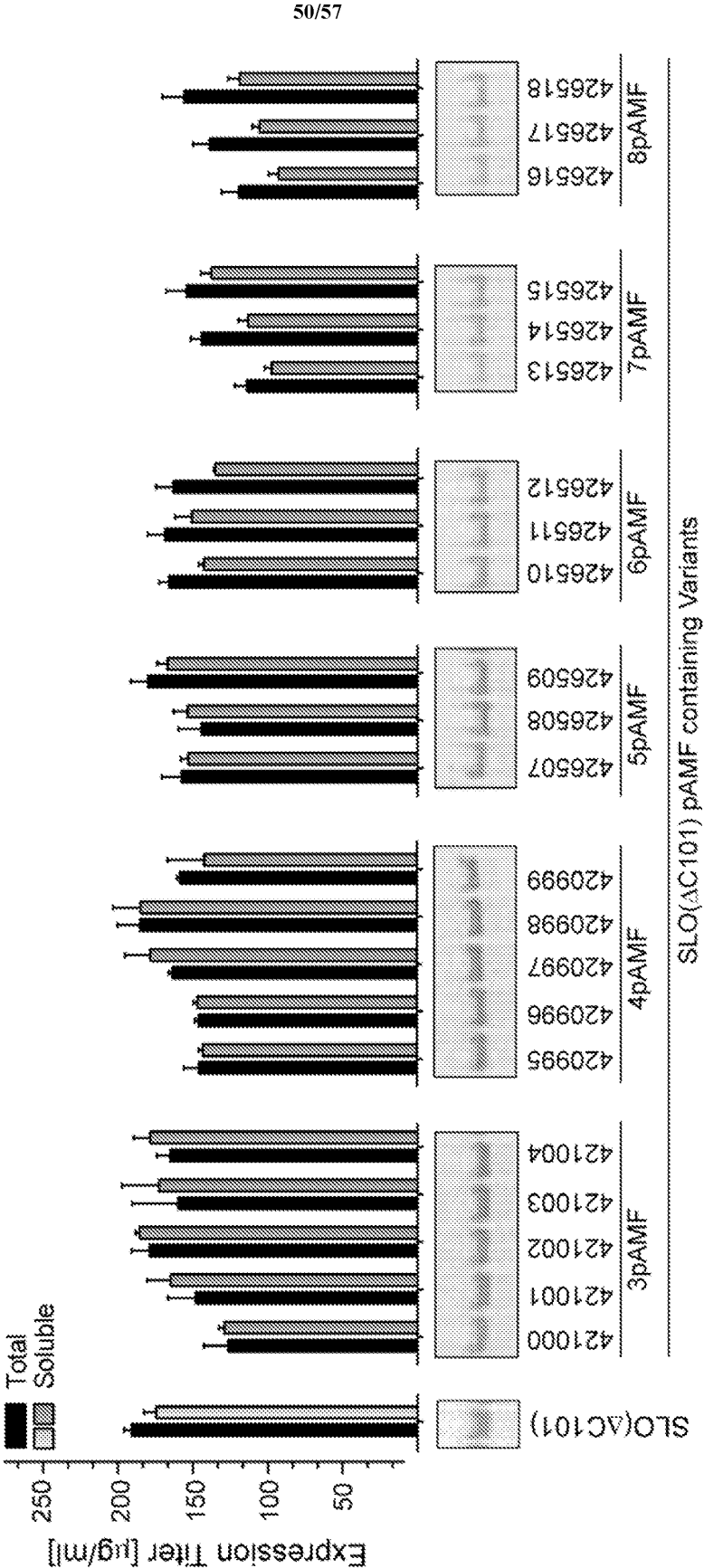
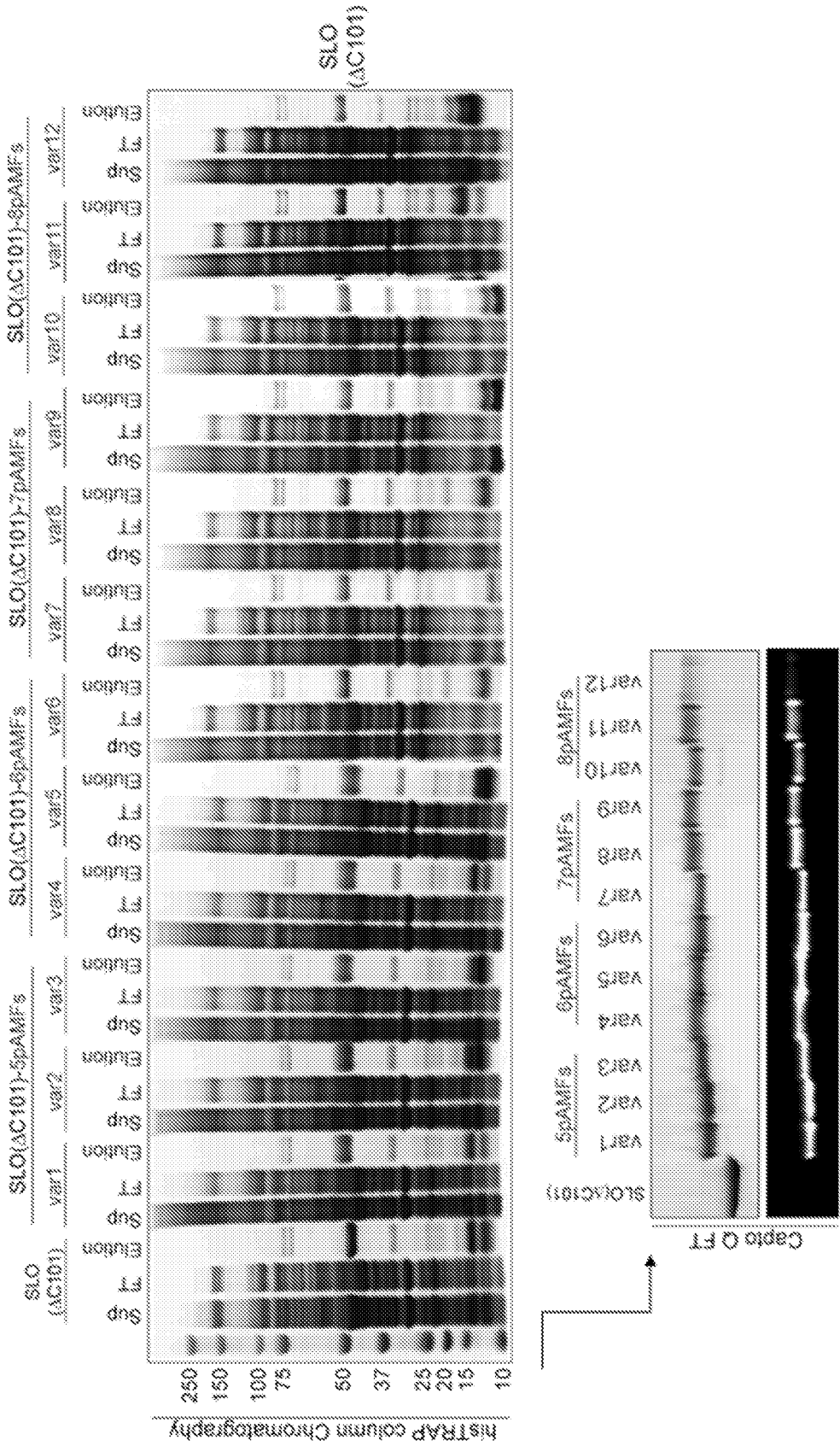
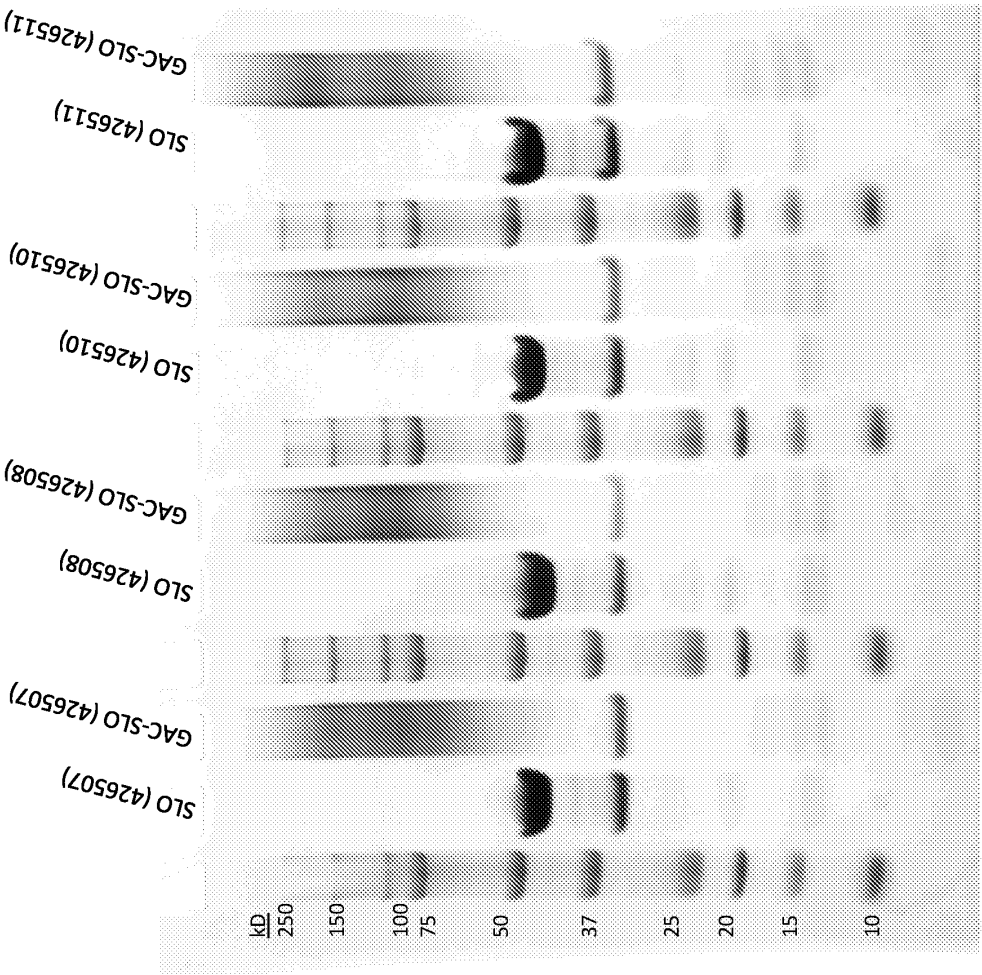


FIG. 33B



GAC Long:SLO – 0.5:0.5
Reaction went overnight, 650 RPM 22C
Sample Load: 10uL
Protein Load: 5ug

FIG. 34



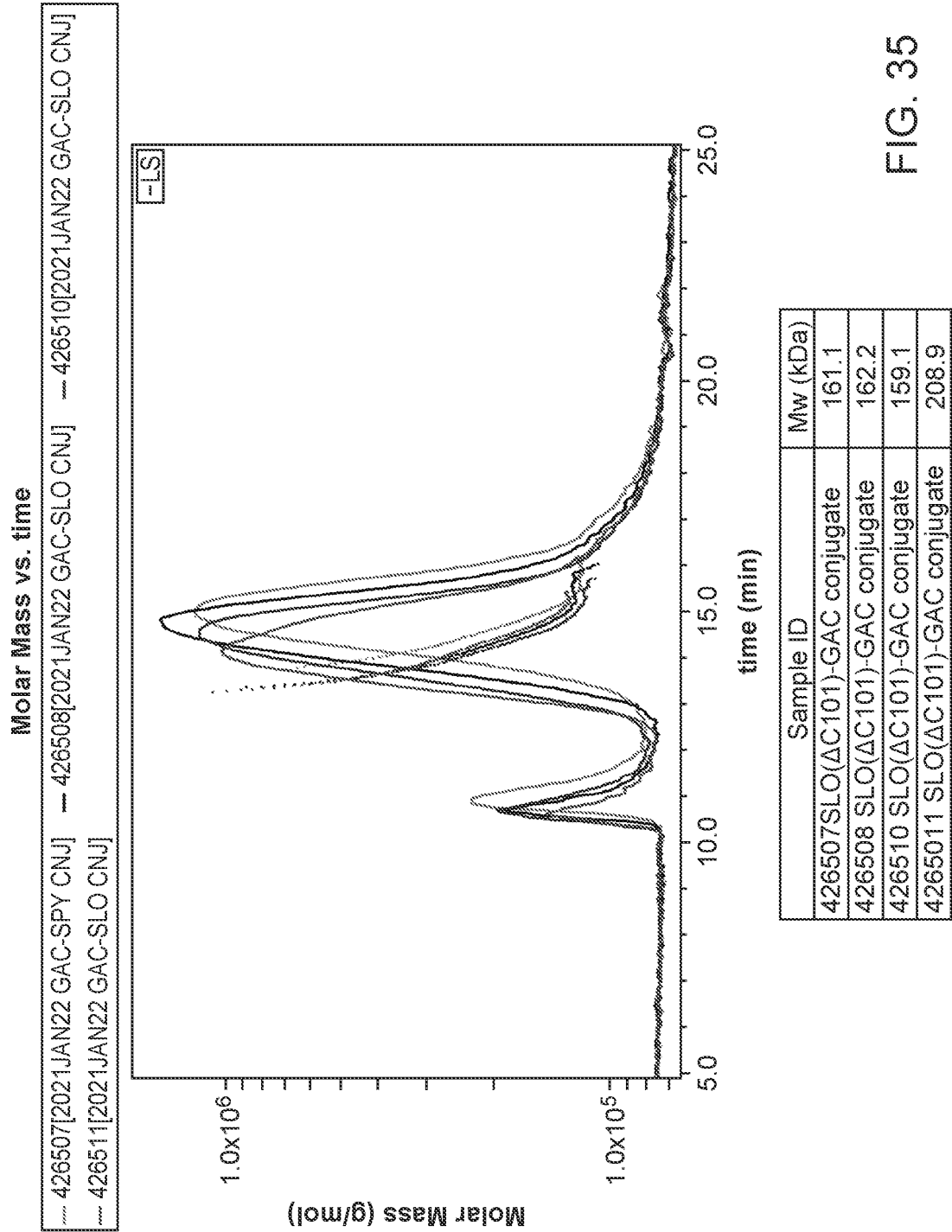


FIG. 35

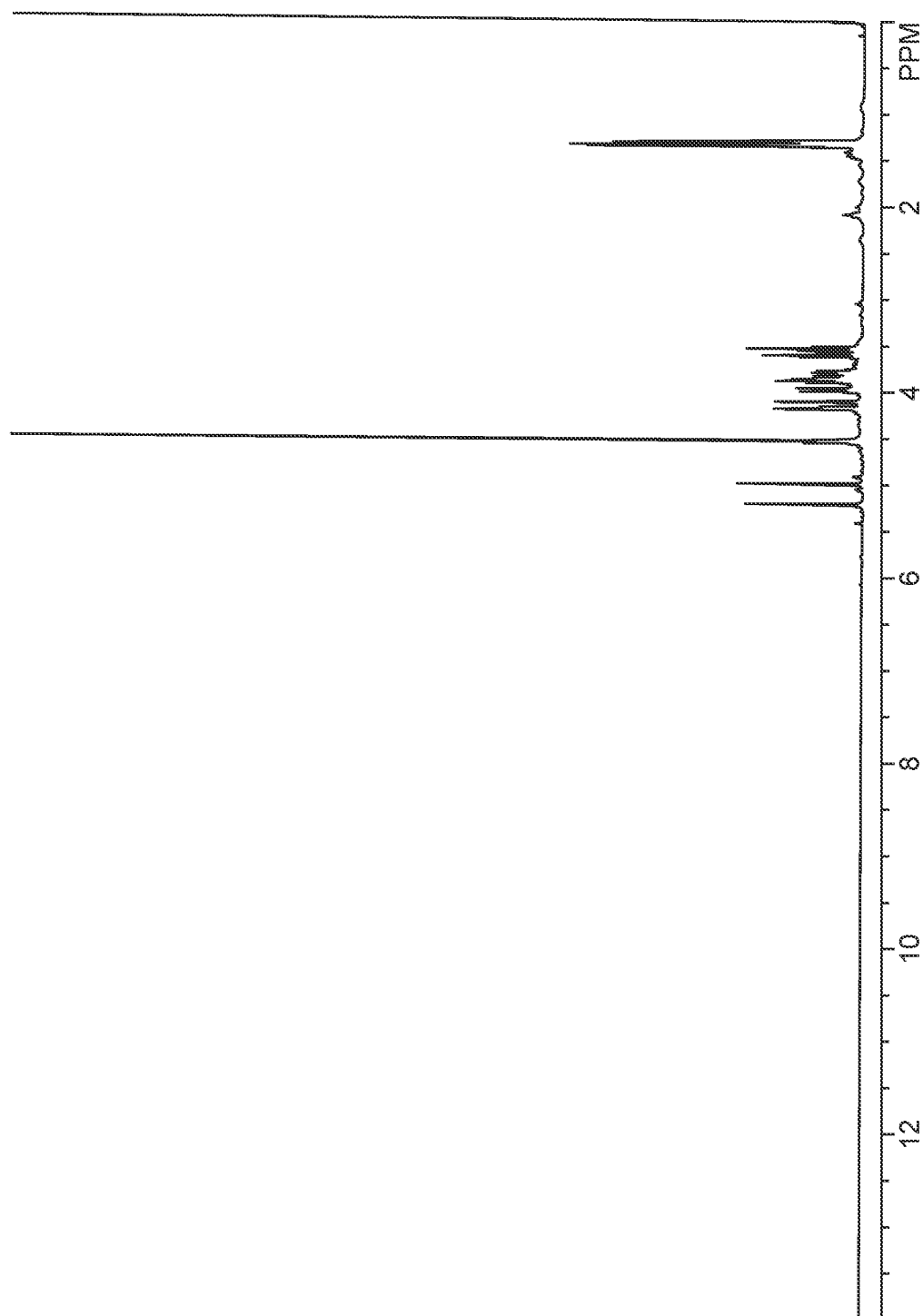
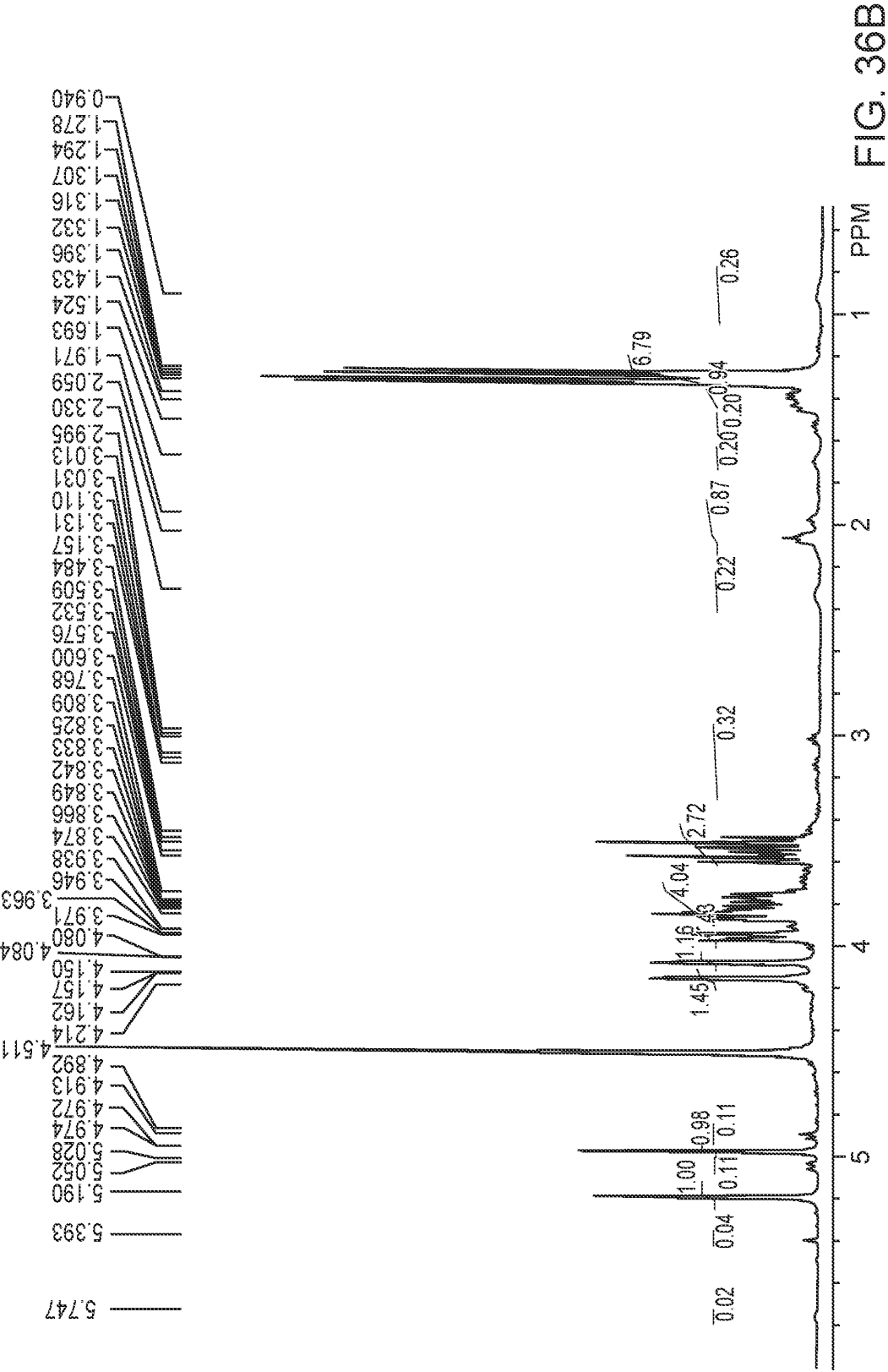


FIG. 36A



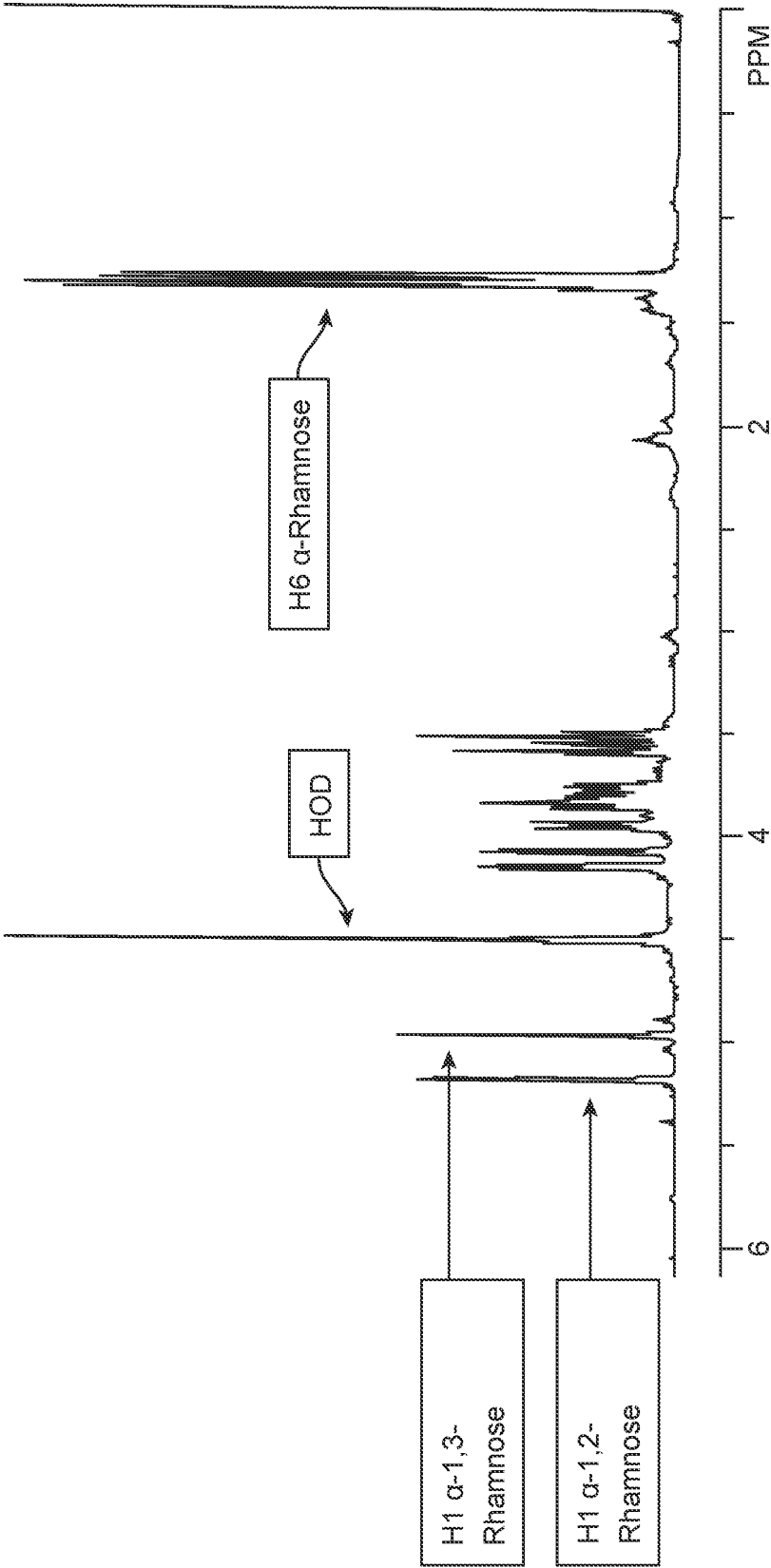


FIG. 36C

