

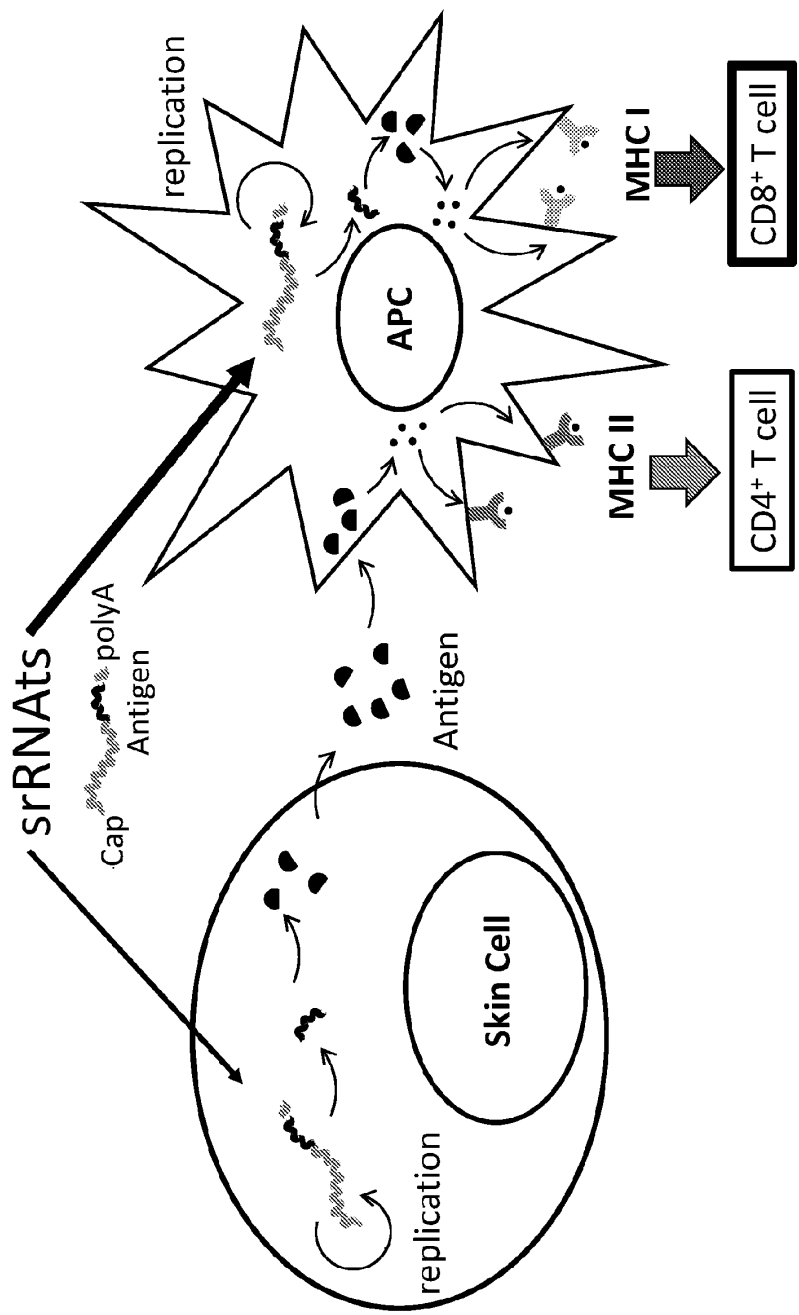


FIG. 1

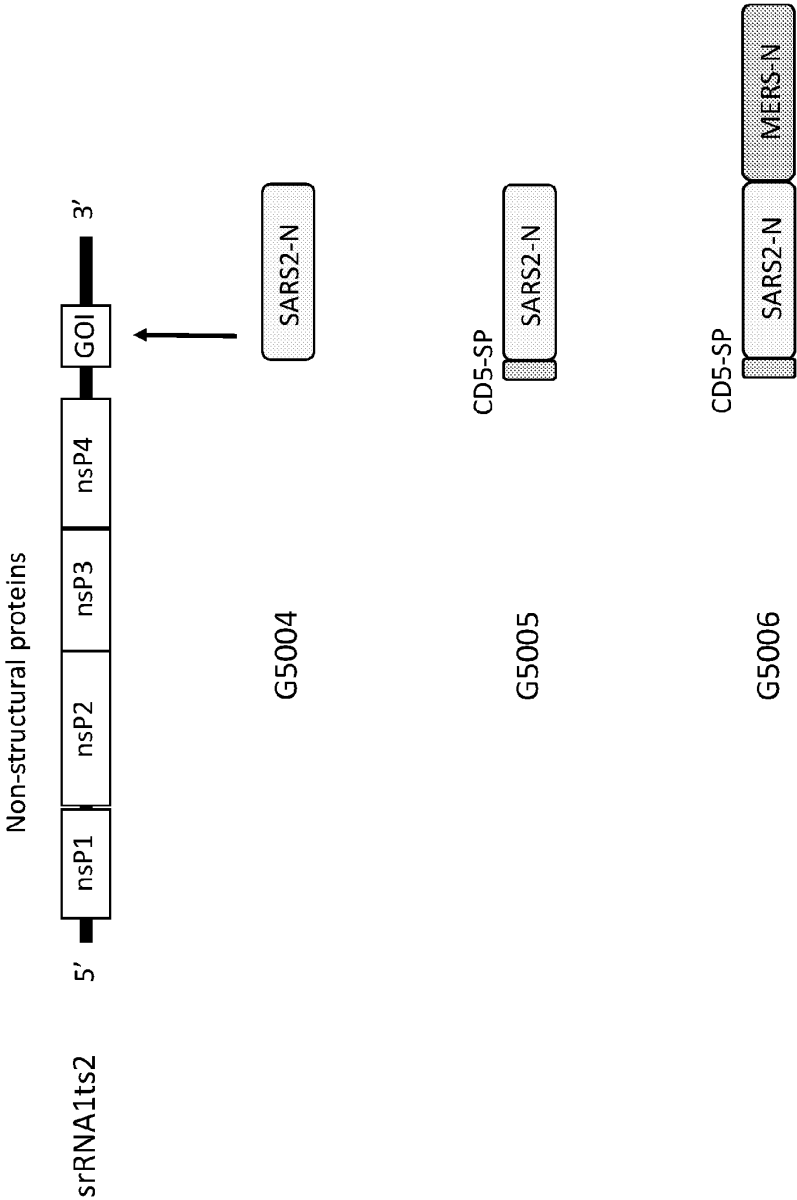


FIG. 2

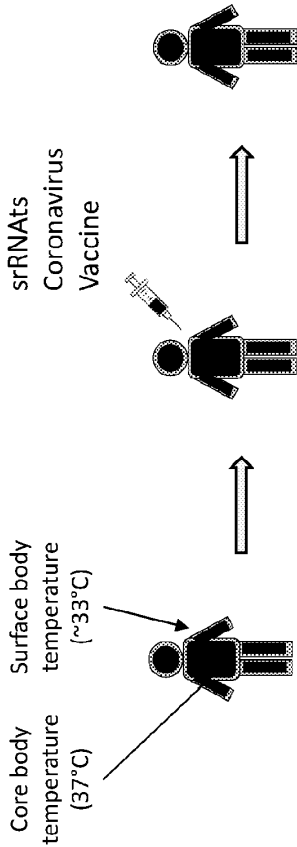


FIG. 3

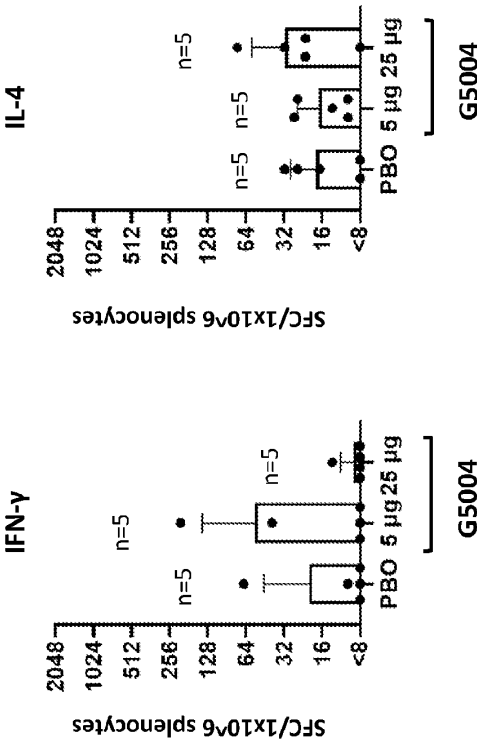


FIG. 4B

FIG. 4A

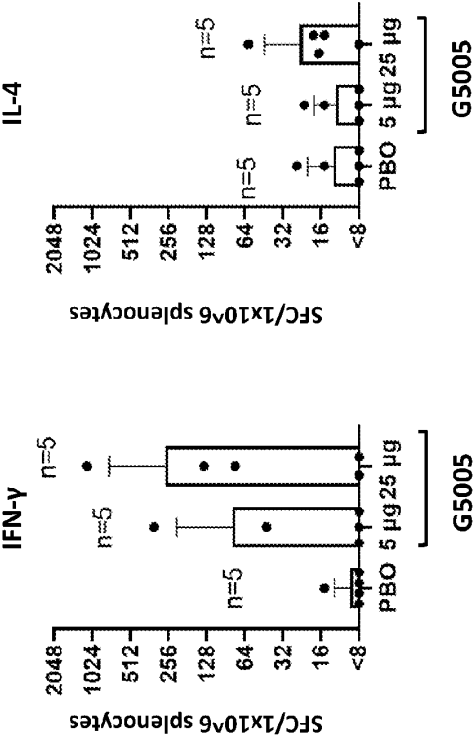


FIG. 5A

FIG. 5B

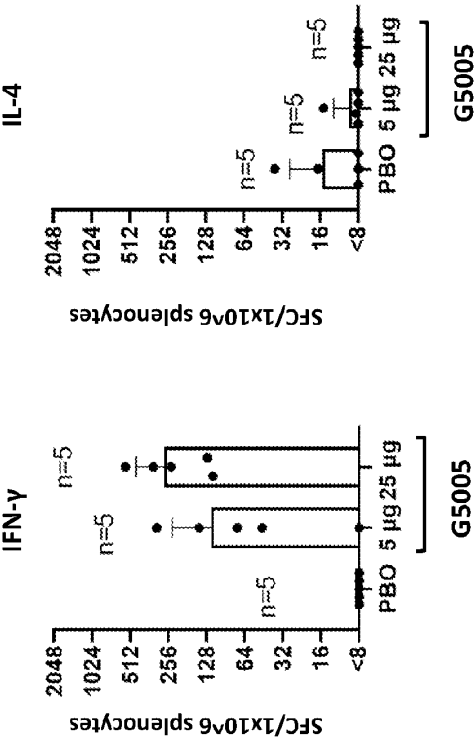


FIG. 6A

FIG. 6B

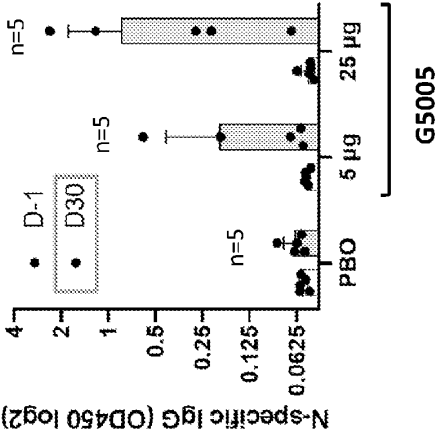


FIG. 7

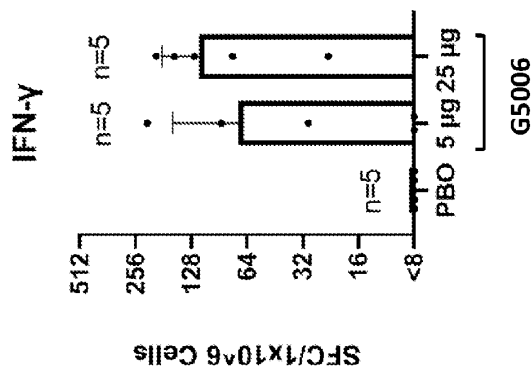


FIG. 8

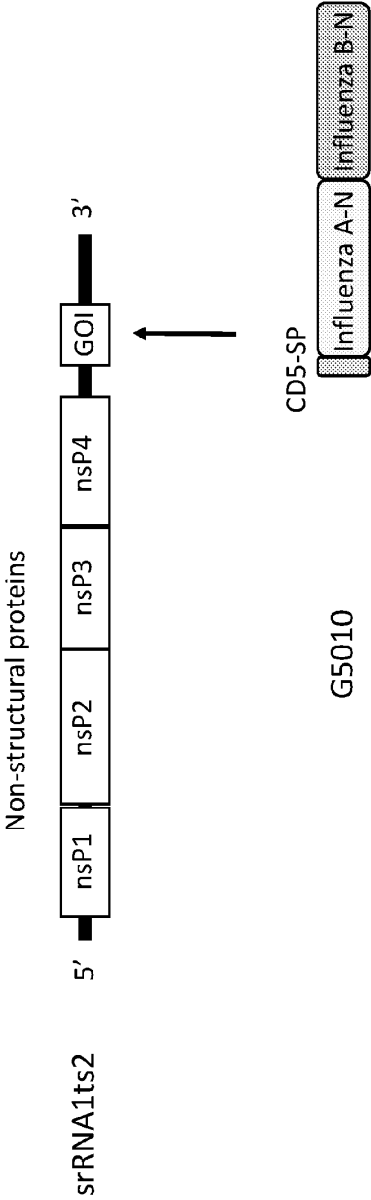


FIG. 9

Query: Nucleoprotein of Influenza A (H5N8 NP; ProteinID AHL21420.1)
Sbjct: Nucleoprotein of Influenza A (AmrArbor H2N2; Prot ID P21433)

Query	25	ASQGT	KRSYEQMETGGERQ	NATEIRASVGRMVGGTGRFYIQMCTELKLSDYEGRLIQNSI	84
sbjct	2	D.....	N.....K.I.....	L	61
Query	85	TIERM	VLSAFDERRNKYLEEHPSAGKDPKKTGGPIYRRRDGKVVRELILYDKEEIRRIWR	144	
sbjct	62	.....	.....K.V.....M..V.....	.....	121
Query	145	QANNGE	DATAGLT	HLMIWHSNLNDATYQRTALVVRTGMDPRMCSLMQGSTLIPRRSGAAGA	204
sbjct	122	D.....M.....	T.....	.....	181
Query	205	AVKGVG	TMVMELIRMIKRGINDRNFWRGNGRRTRIAAYERMCNLIKGFQTAAQRAMMDQ	264	
sbjct	182	.....	.....K.N.....	.....	241
Query	265	VRESRNP	GNAEIEDLI	FIARSALILRGSVAHKSCLPACVYGLAVASGYDFEREGYSLVGI	324
sbjct	242	.....	.....	.....P.....K.....	301
Query	325	DPFRLLQNSQVFSLI	RPNENPAHKSQLVWMACHSAAFEDLRVSSFIRGTRVVPVPRGQLSTR	384	
sbjct	302	...K.....Y.....	N.....	K.I...K.....	361
Query	385	GVQIASNENMETMDS	TLELRSRYWAI	TRSGGTNQQRASAGQISVQPTFSVQRNLPFE	444
sbjct	362	D..G.....	N.....	D	421
Query	445	RATIMAAFTCNT	EGRTSDMRTEIIRMMESAKPEDVSFQGRGVFEELSDEKATNP	504	
sbjct	422	KP.....A.....	A.....G....E.....	.....	481
Query	505	SNEGSYFFGD	NAEYDN	521	
sbjct	482	.....	.....	498	

FIG. 10

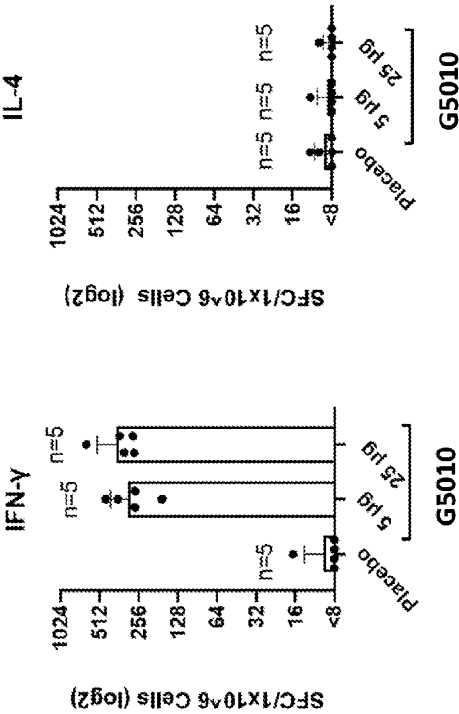


FIG. 11A

FIG. 11B

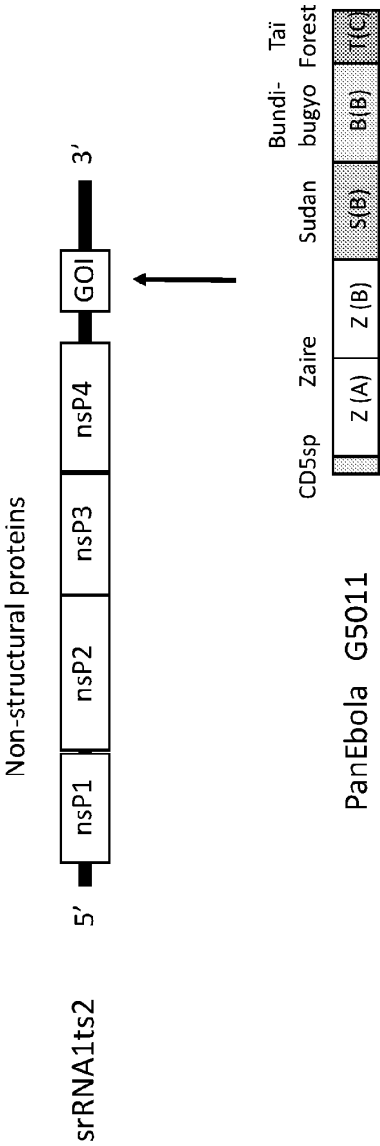
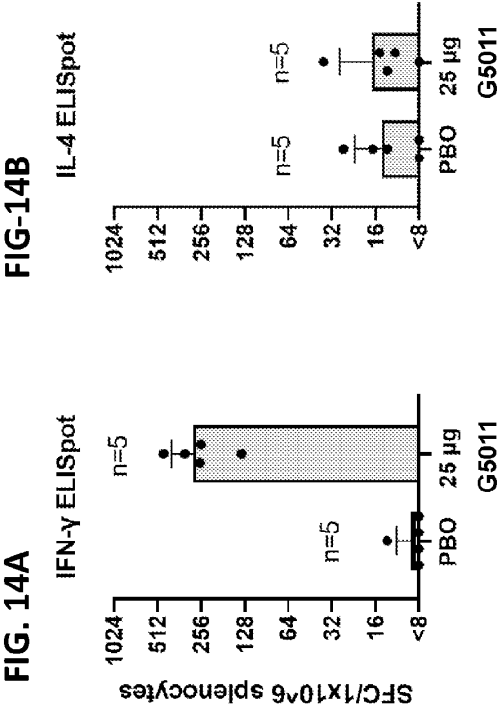


FIG. 12

Zaire-N	Z (A)	Z (B)
	88%	42%
Sudan-N		S (B)
	92%	53%
Bundibugyo-N		B (B)
	92%	80%
		40% 86%
Tai Forest-N		T (C)

FIG. 13



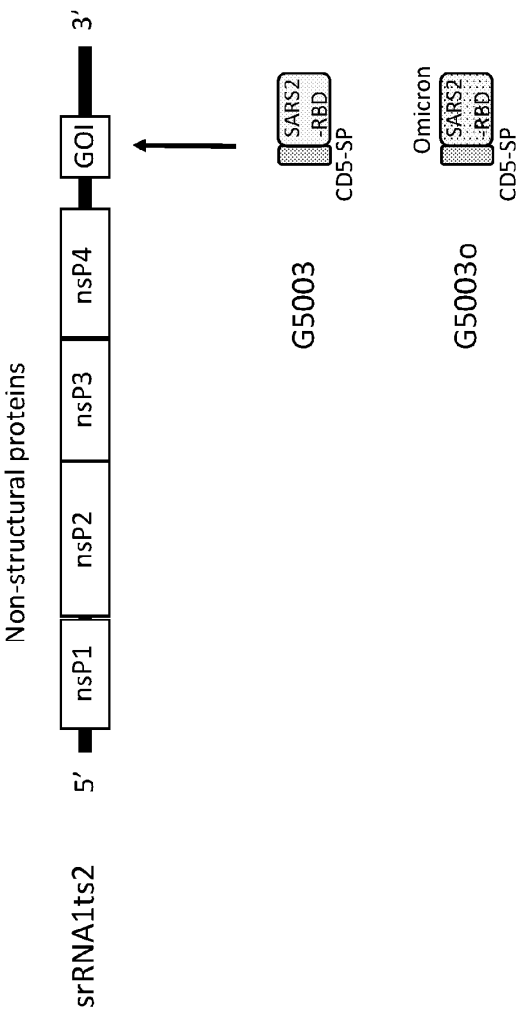


FIG. 15

FIG. 16A

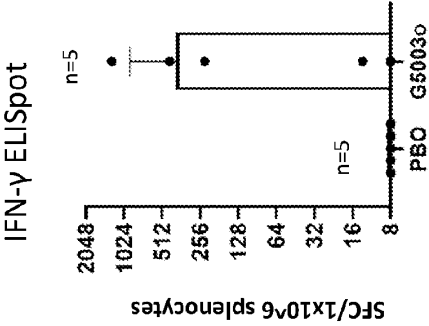


FIG. 16B

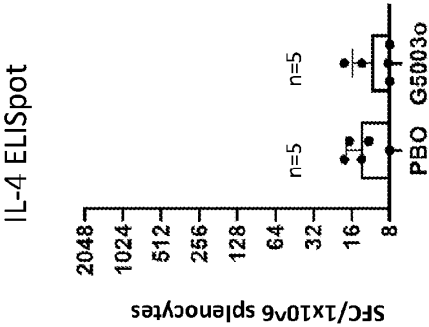


FIG. 17A



FIG. 17B

ELISpot Assay
(14 days post-G5003 vaccination)

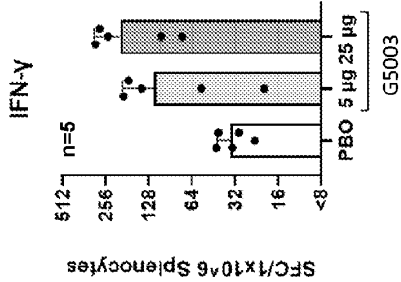


FIG. 17C

Plaque Reduction Neutralization Tests
(PRNT)

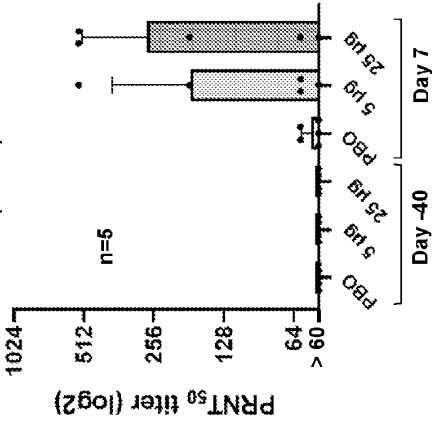


FIG. 18A

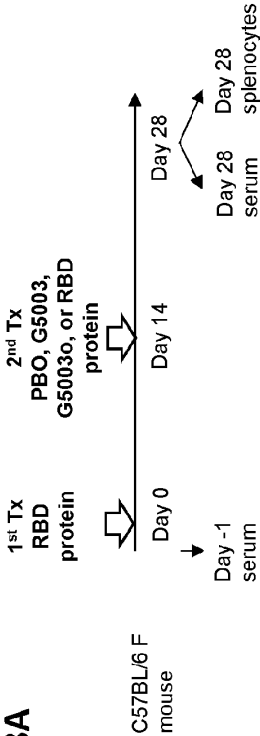


FIG. 18B

IFN- γ ELISpot (D28)

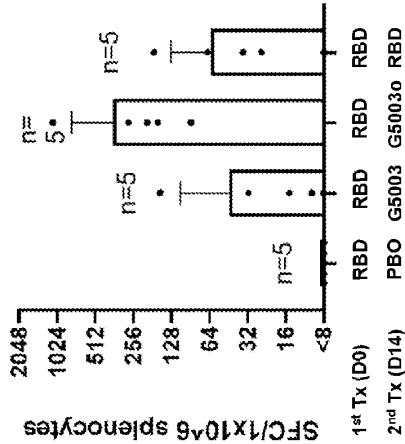
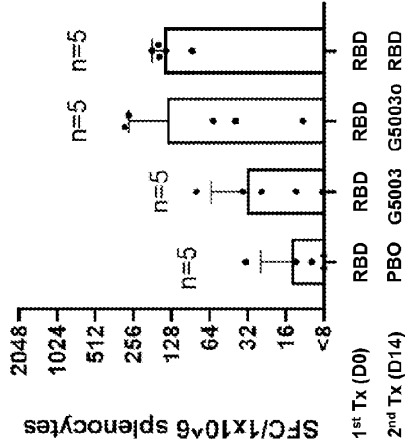


FIG. 18C

IL-4 ELISpot (D28)



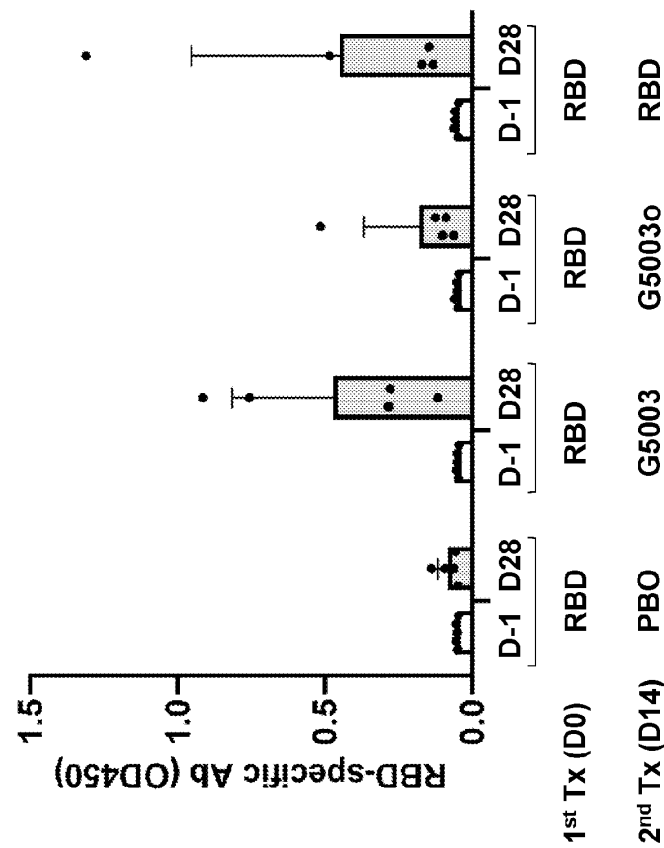


FIG. 19

FIG. 20A

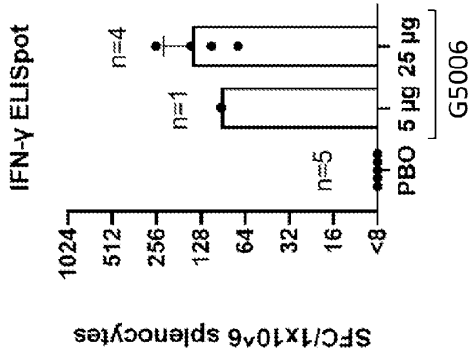


FIG. 20B

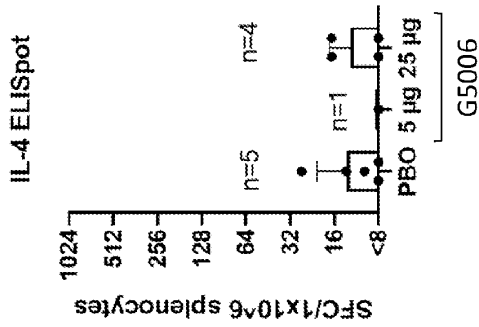


FIG. 20C

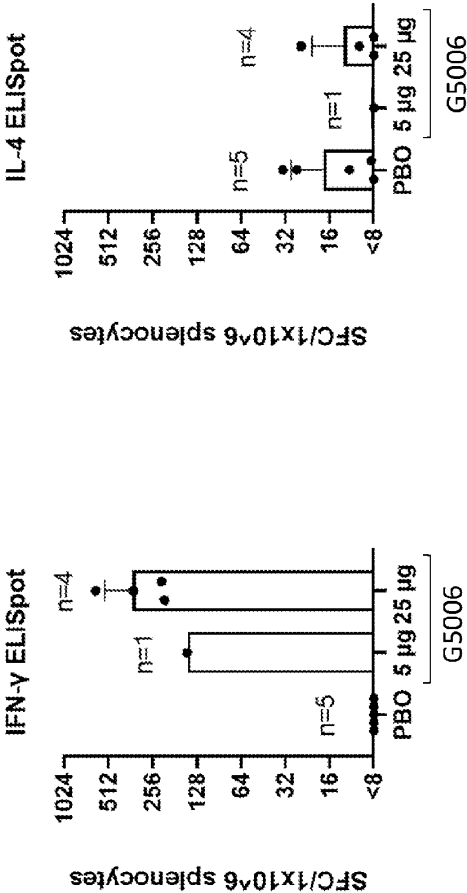
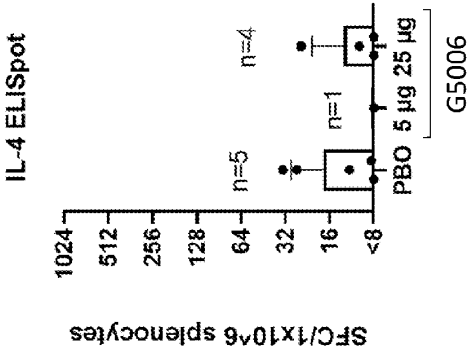


FIG. 20D



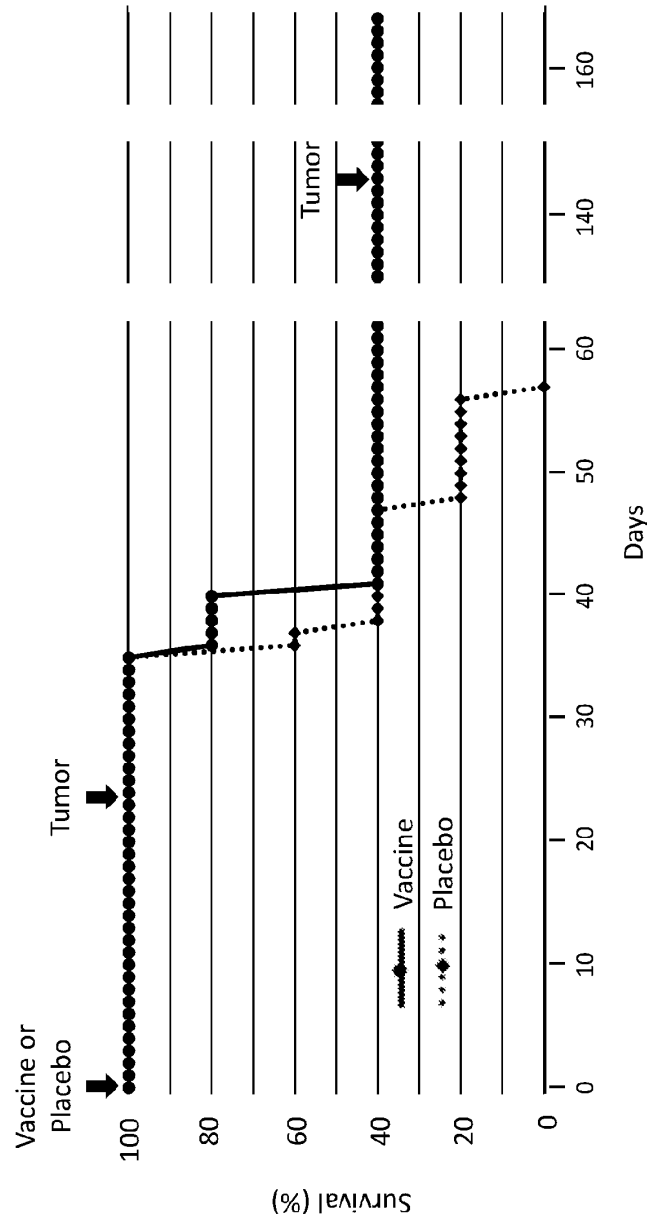


FIG. 21

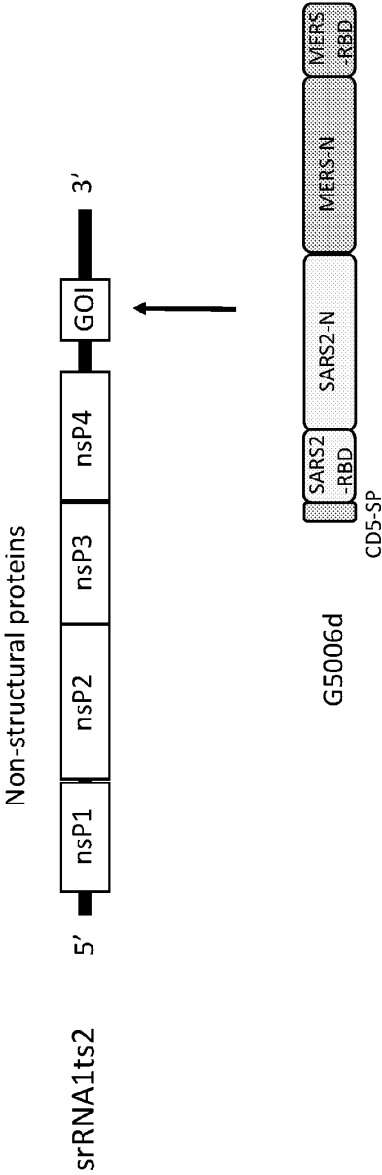


FIG. 22

FIG. 23A

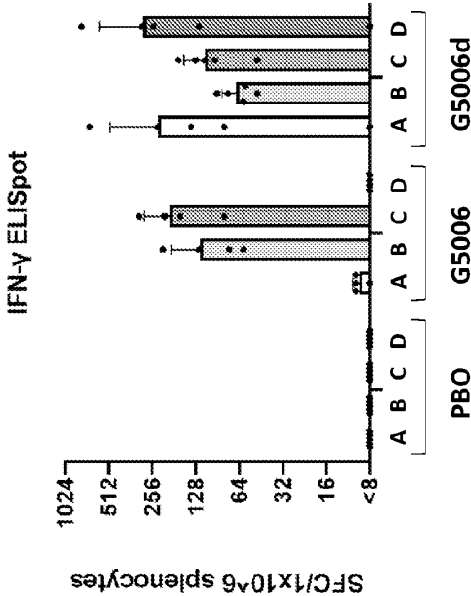
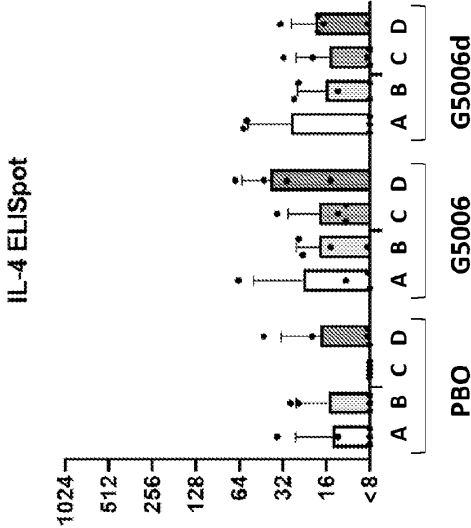


FIG. 23B



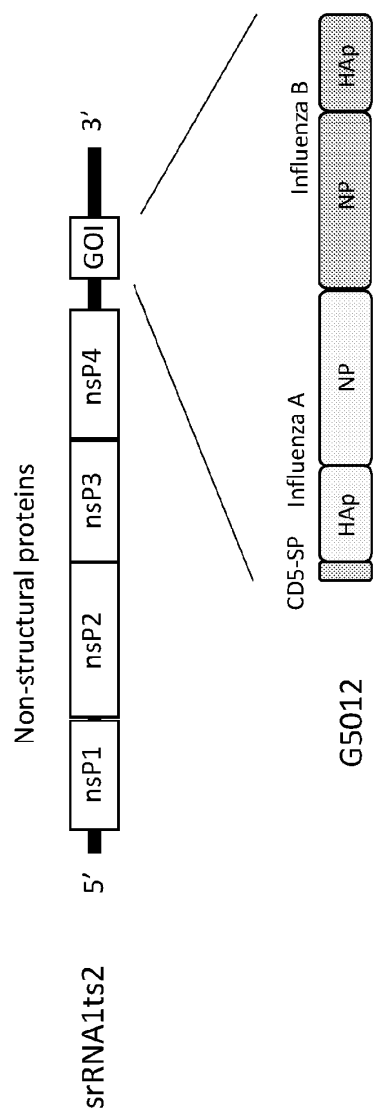


FIG. 24

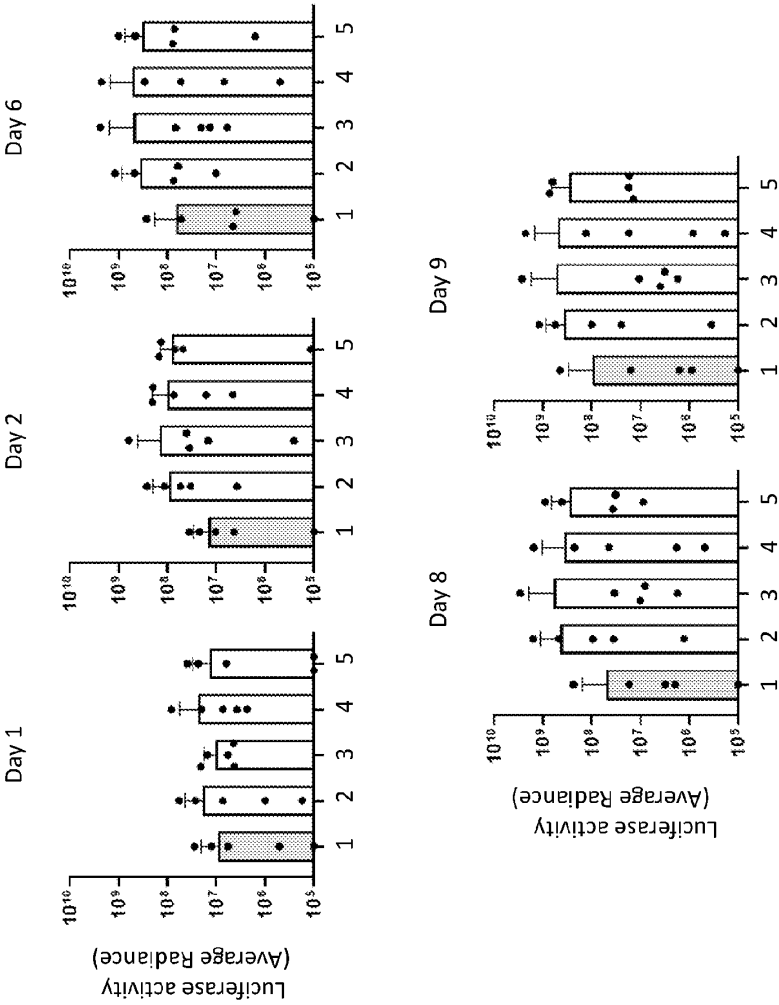


FIG. 25