

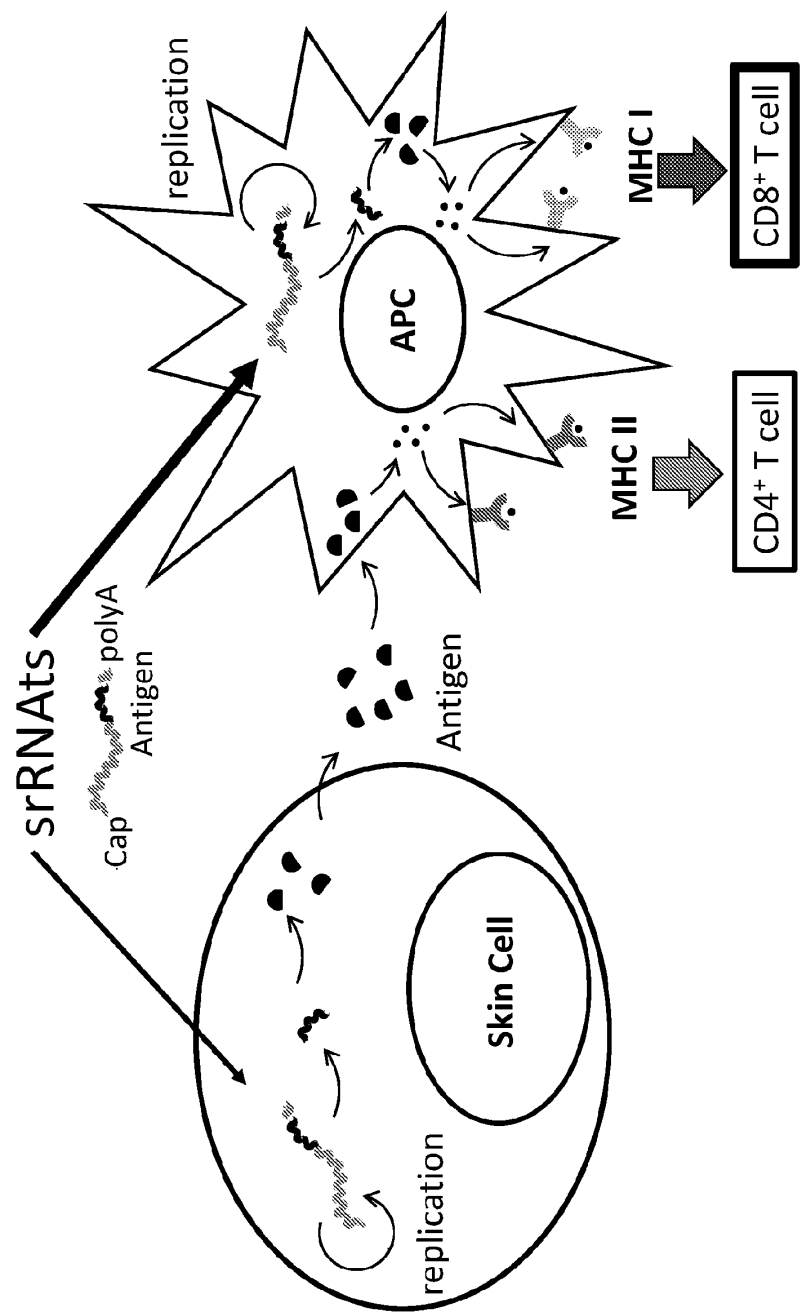


FIG. 1

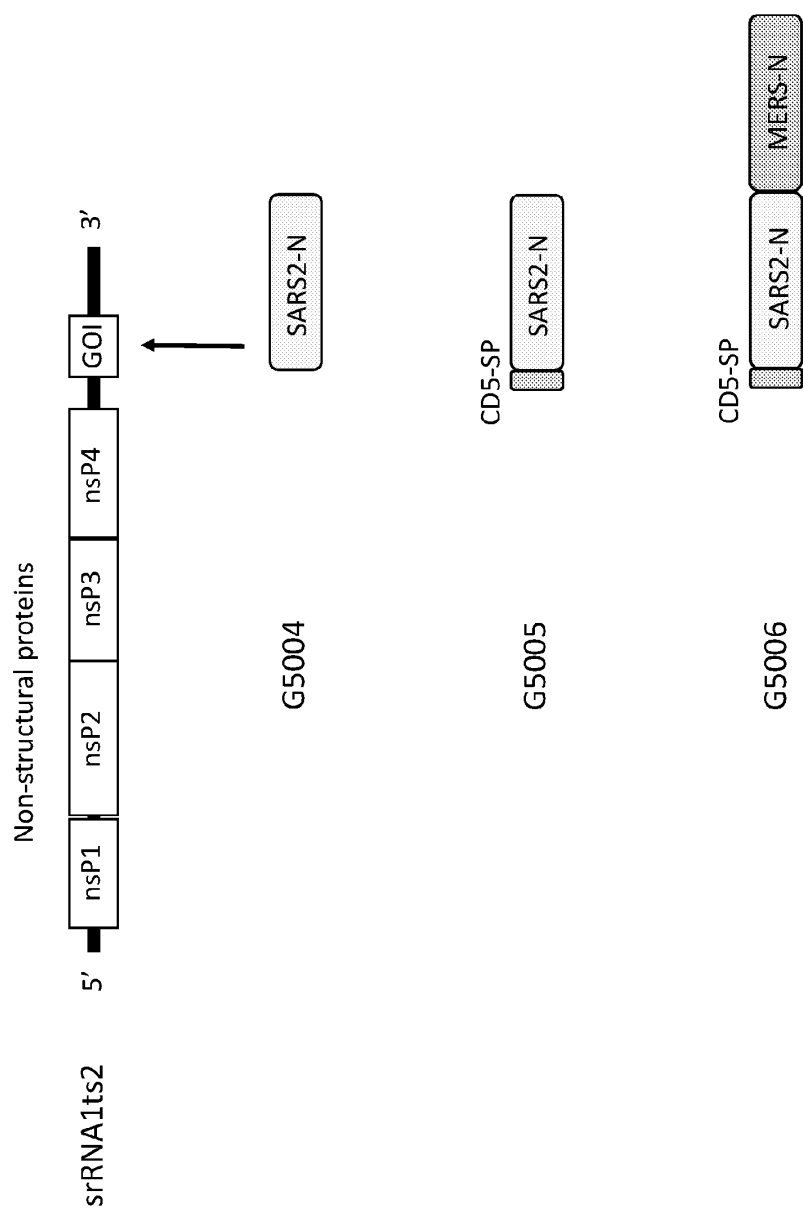


FIG. 2

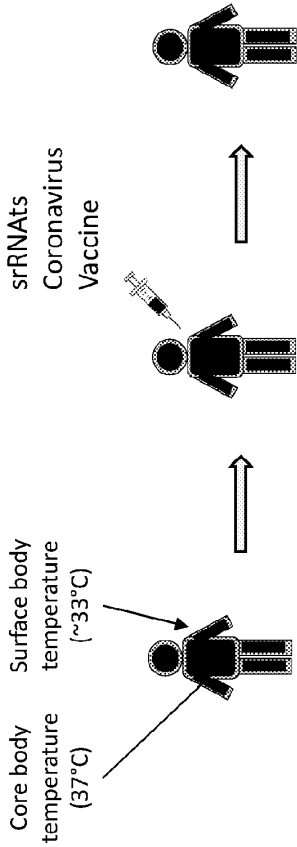


FIG. 3

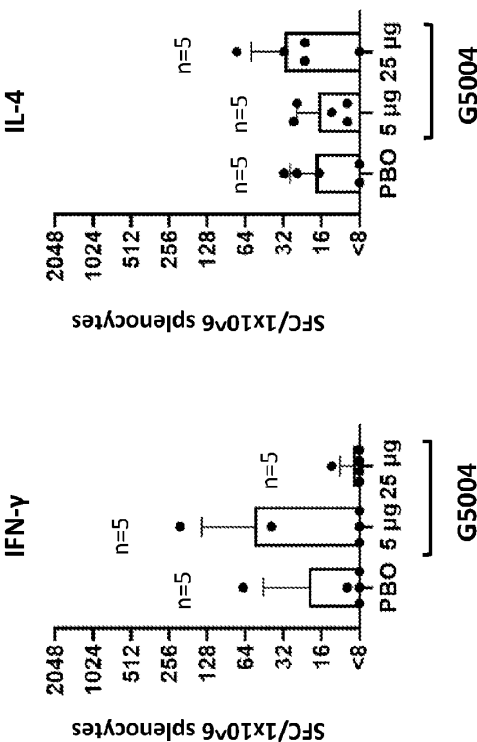


FIG. 4A

FIG. 4B

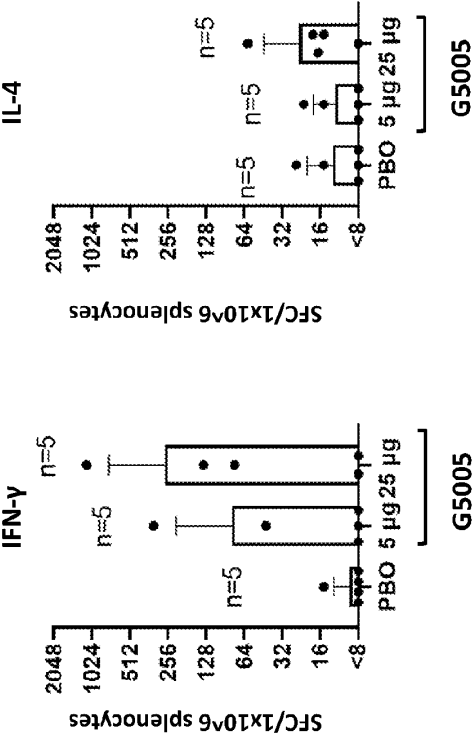


FIG. 5A

FIG. 5B

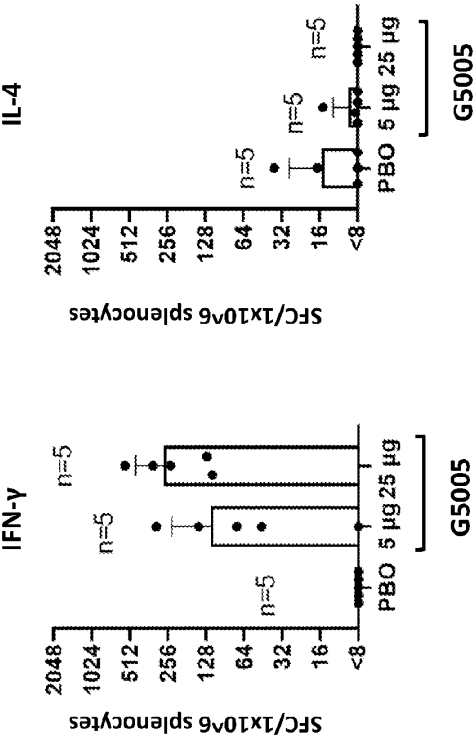


FIG. 6A

FIG. 6B

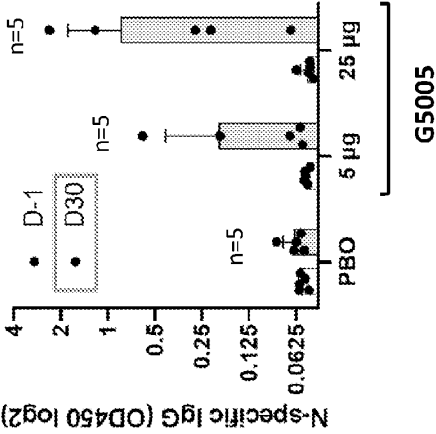


FIG. 7

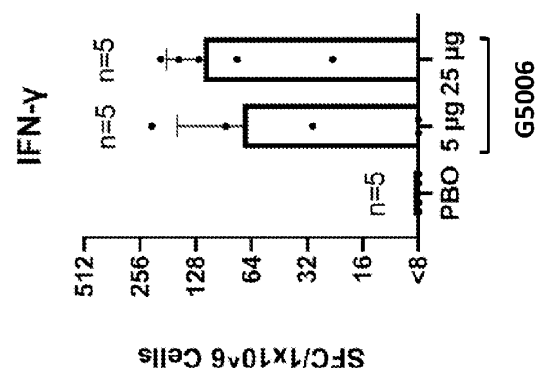


FIG. 8

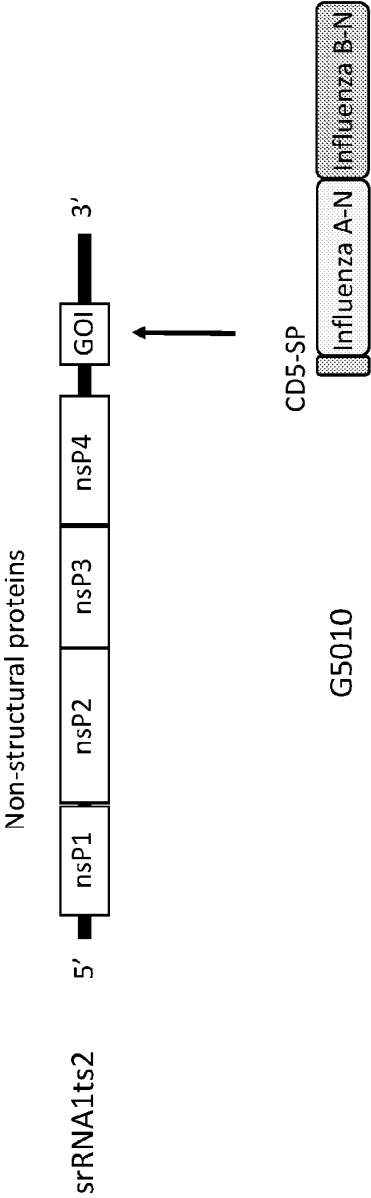


FIG. 9

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

Query	25	ASQGT	KRSYEQMETGGERQ	NATEIRASVGRMVGGIGRFYIQMCTELKLSDYEGRLIQNSI	84
Sbjct	2	D.....	N.....K.I.....	L	61
Query	85	TIERMVLSAFDERRN	KYLEEHPSAGKDPKKTGGPIYRRRDGKVVRELILYDKEEIRRIWR	144	
Sbjct	62		K.V.....M.....V.....	121	
Query	145	QANNGEDATAGLT	HLMIWHSNLNDATYQRT	RALVRTGMDPRMCSLMQGSTLIPRRSGAAGA	204
Sbjct	122	D.....M.....	T.....		181
Query	205	AVKGVGTVMVME	LIRMIKRGINDRNFWRG	ENGRRTRIAYERMCNILKGKFOTAAQRAMMDQ	264
Sbjct	182		K.N.....		241
Query	265	VRERNPGNAEIED	LIFLARSALILRGSVA	HKSLPACVYGLAVASGYDFEREGYSLVGI	324
Sbjct	242		P.....	K.....	301
Query	325	DPFRLLQNSQV	FSLIRENENPAHKSQ	LIVWMACHSAAFEDLRVSSFIRGTRVVPRGQLSTR	384
Sbjct	302	...K.....Y.....	N.....	K.I...K.....	361
Query	385	GVQIASNENMET	MDSTLELRSRYWAL	TRSGGTINQQRASAGQISVQPTFSVQRNLPFE	444
Sbjct	362	D...G.....	N.....	D	421
Query	445	RATIMAAFTGNT	EGRTSDMRTEIIR	MMESAKPEDVSFQGRGVFELSDEKATNP	504
Sbjct	422	KP.....A.....	A.....G....E.....		481
Query	505	SNEGSYFFGD	NAEYDN	521	
Sbjct	482			498	

FIG. 10

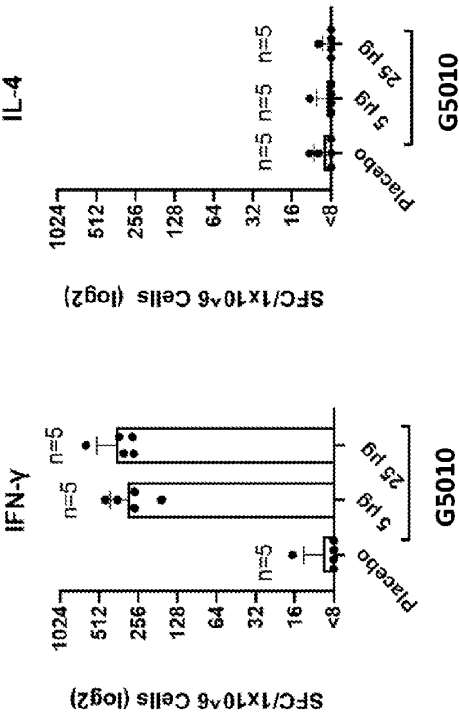


FIG. 11A

FIG. 11B

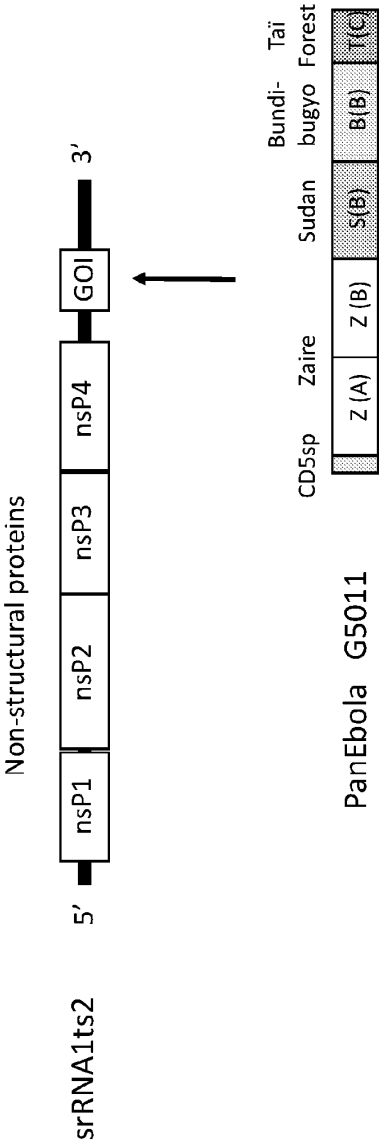
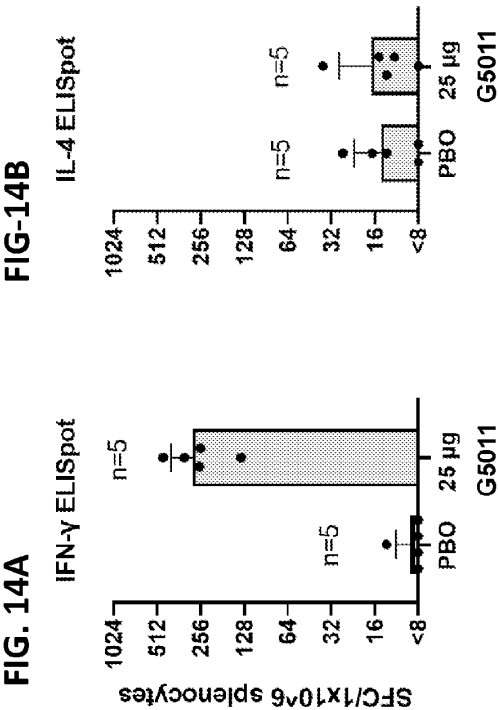


FIG. 12

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



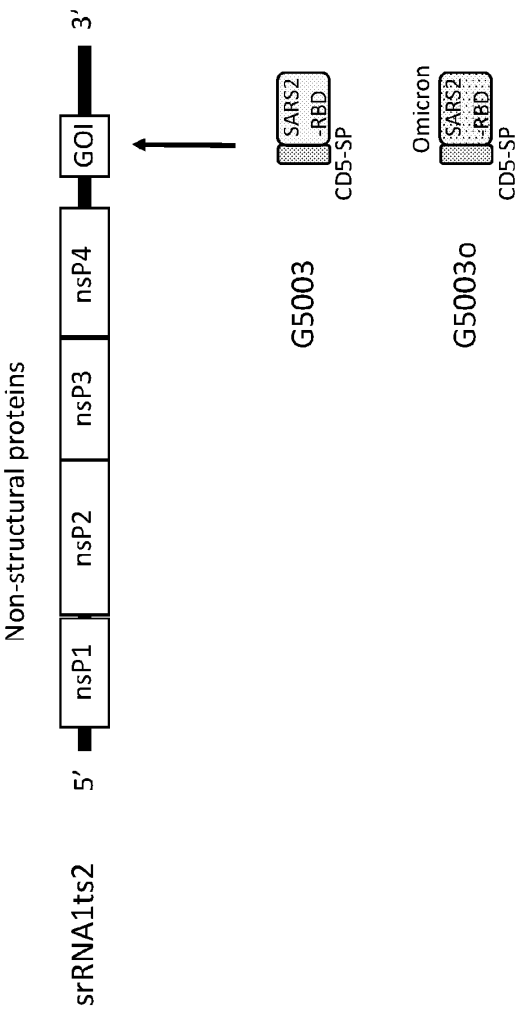


FIG. 15

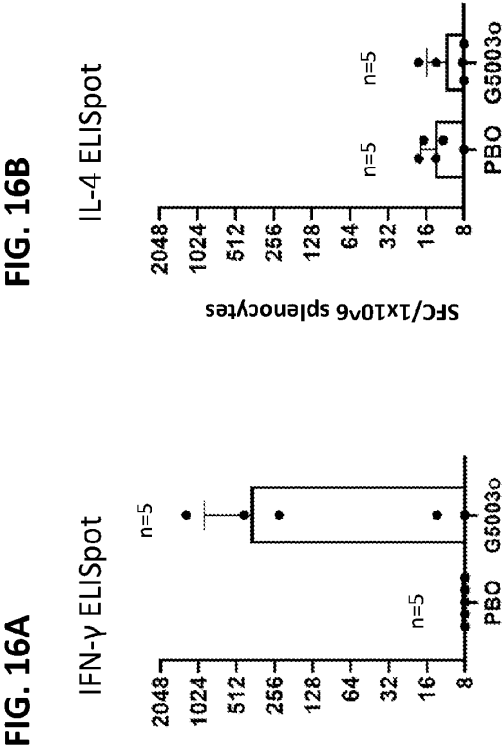


FIG. 17A



FIG. 17B

ELISpot Assay
(14 days post-G5003 vaccination)

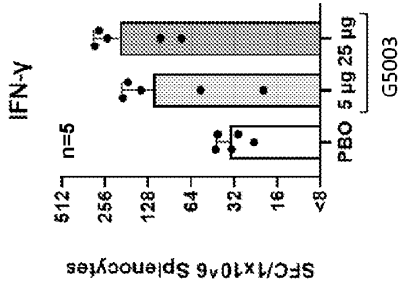


FIG. 17C

Plaque Reduction Neutralization Tests
(PRNT)

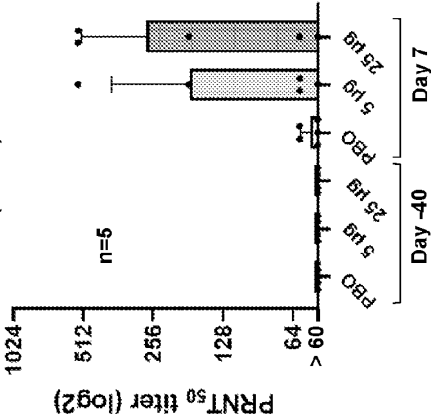


FIG. 18A

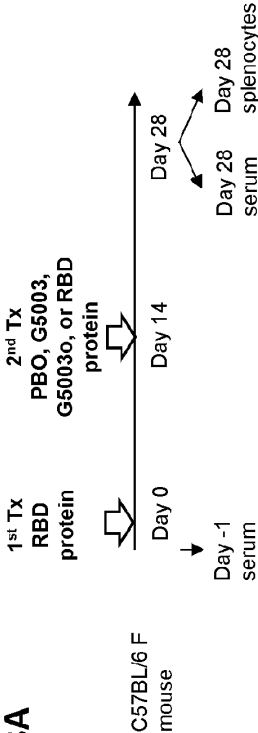


FIG. 18B

IFN- γ ELISpot (D28)

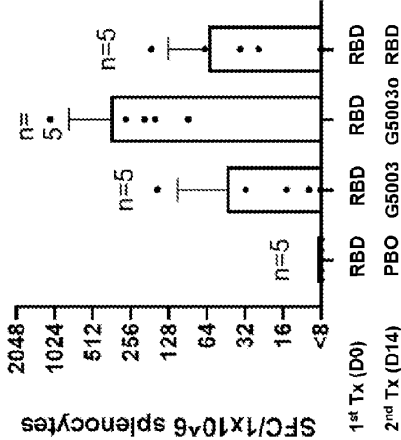
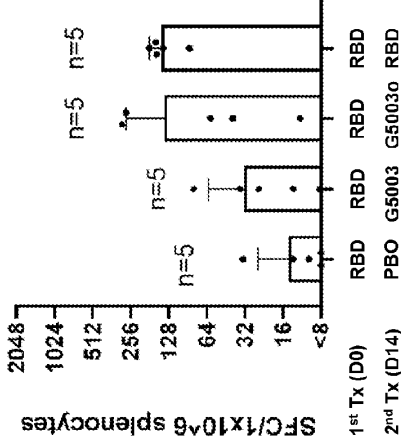


FIG. 18C

IL-4 ELISpot (D28)



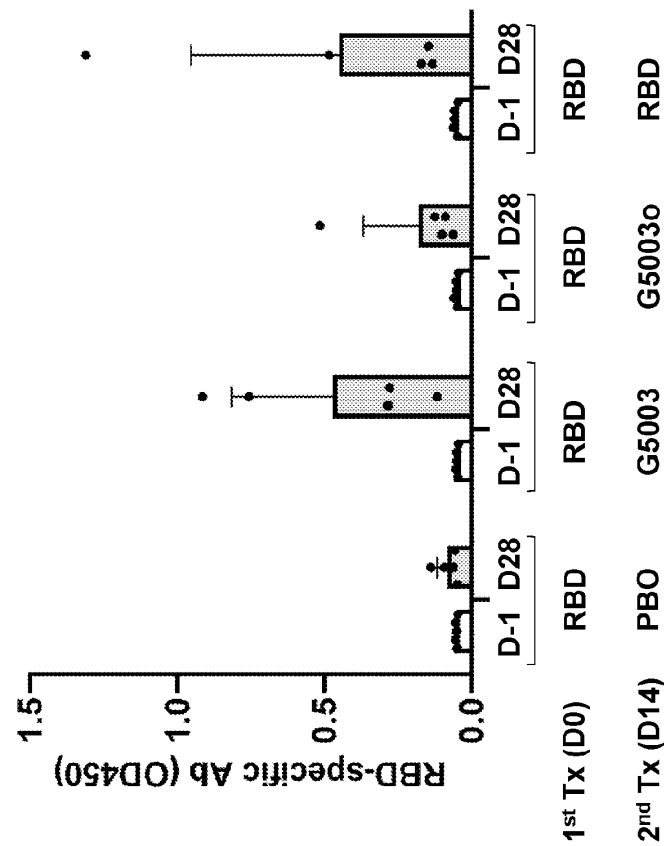


FIG. 19

FIG. 20A

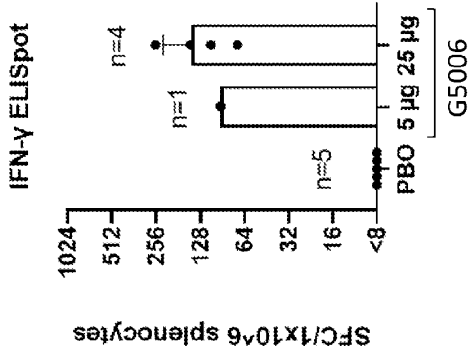


FIG. 20B

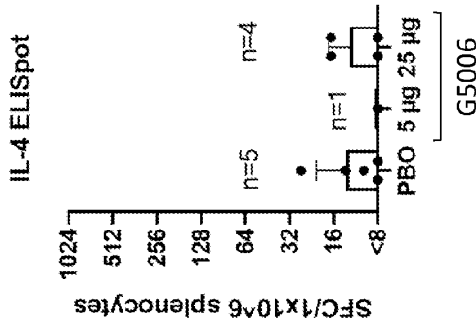


FIG. 20C

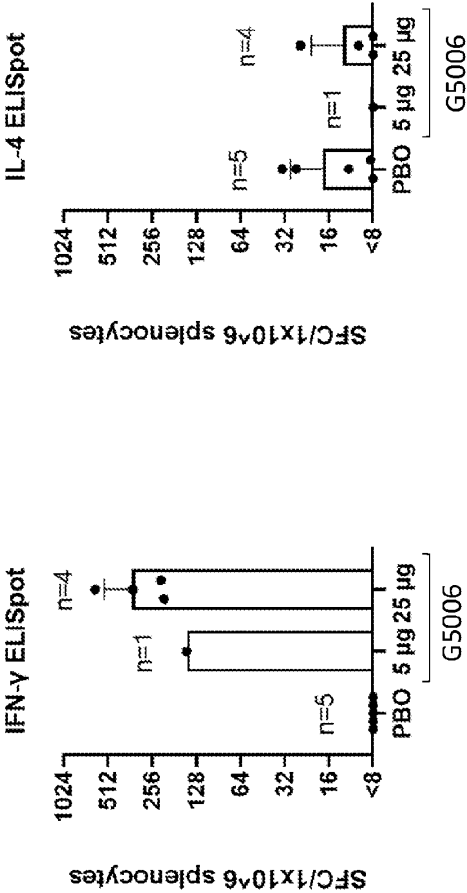
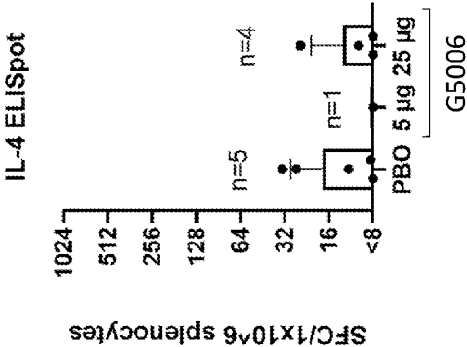


FIG. 20D



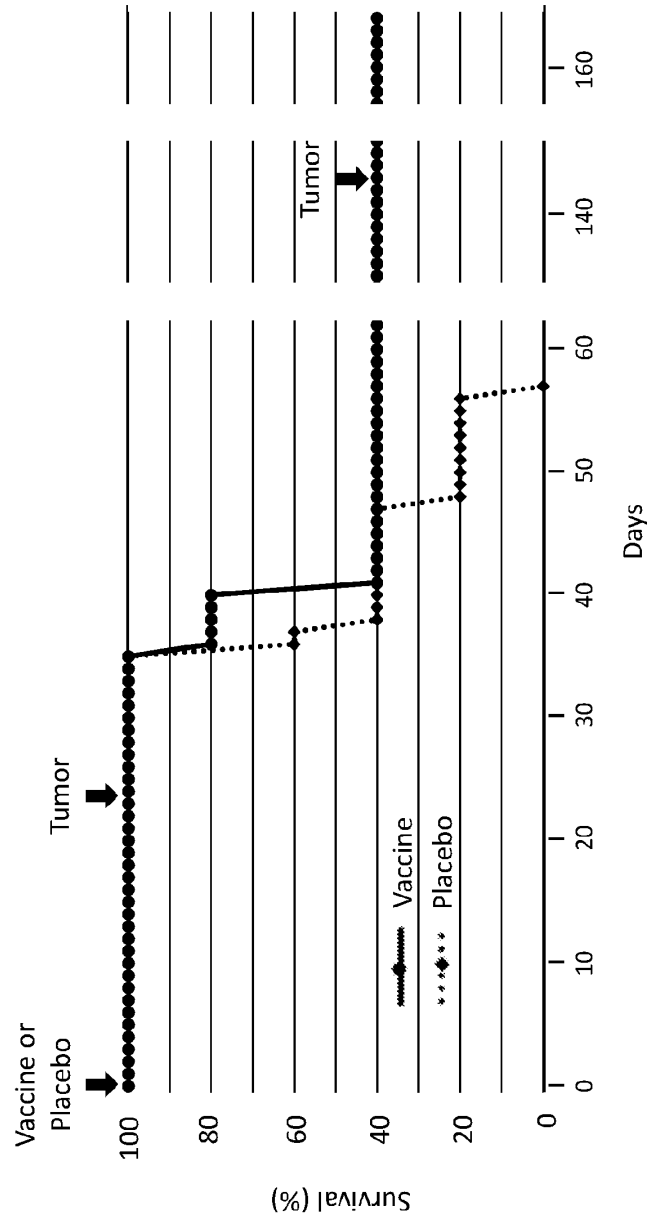


FIG. 21

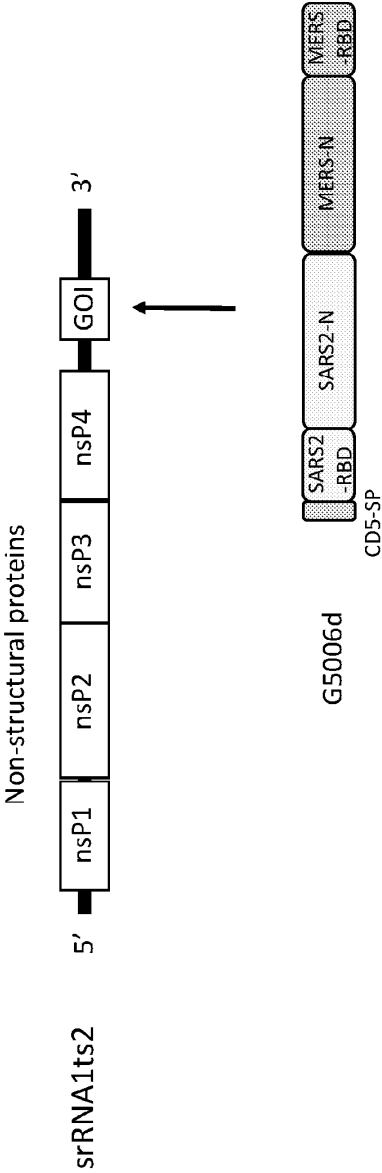


FIG. 22

FIG. 23A

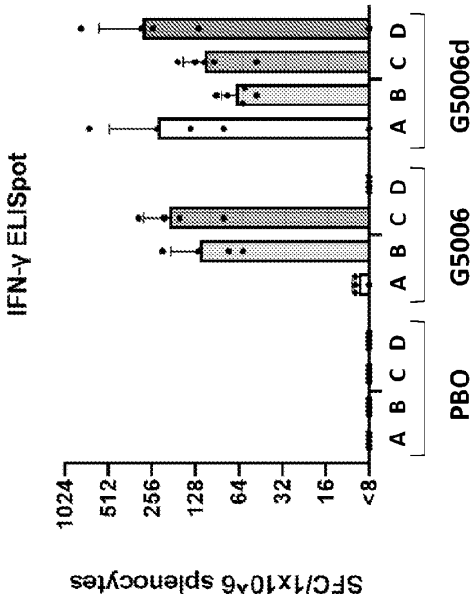
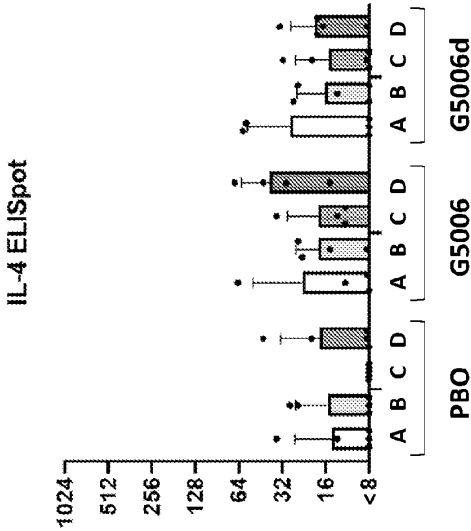


FIG. 23B



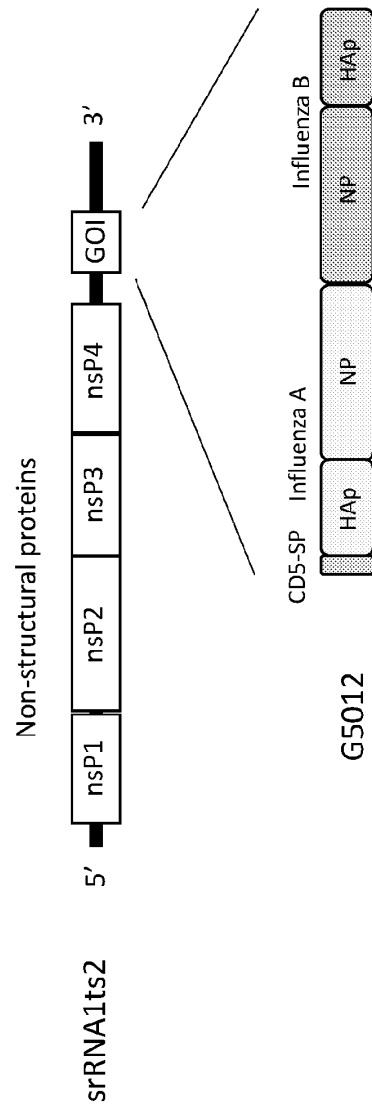


FIG. 24

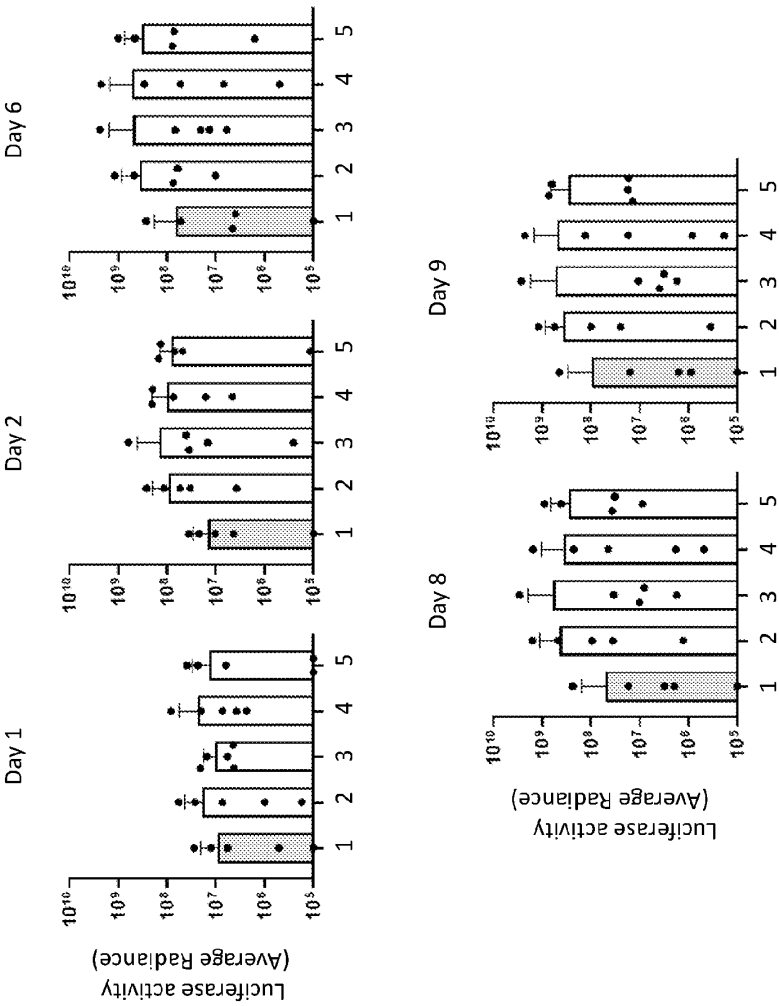


FIG. 25