

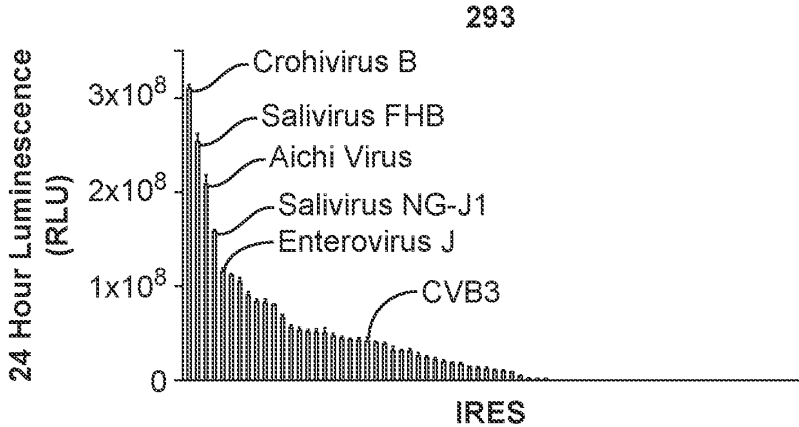


FIG. 1A

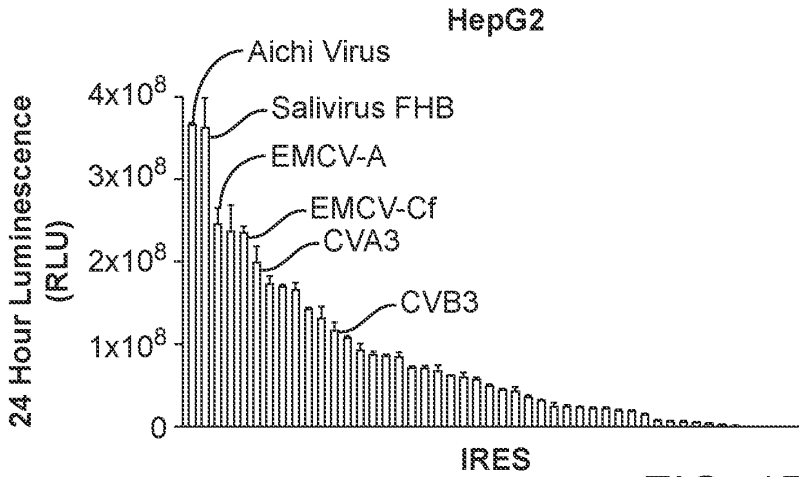


FIG. 1B

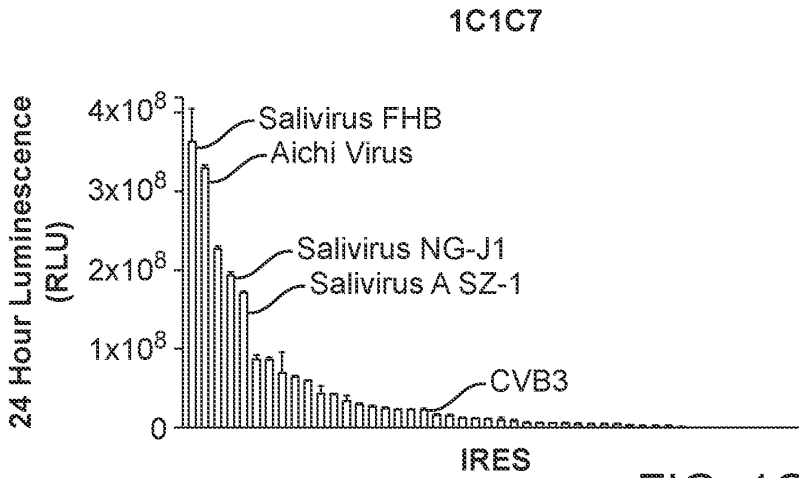


FIG. 1C

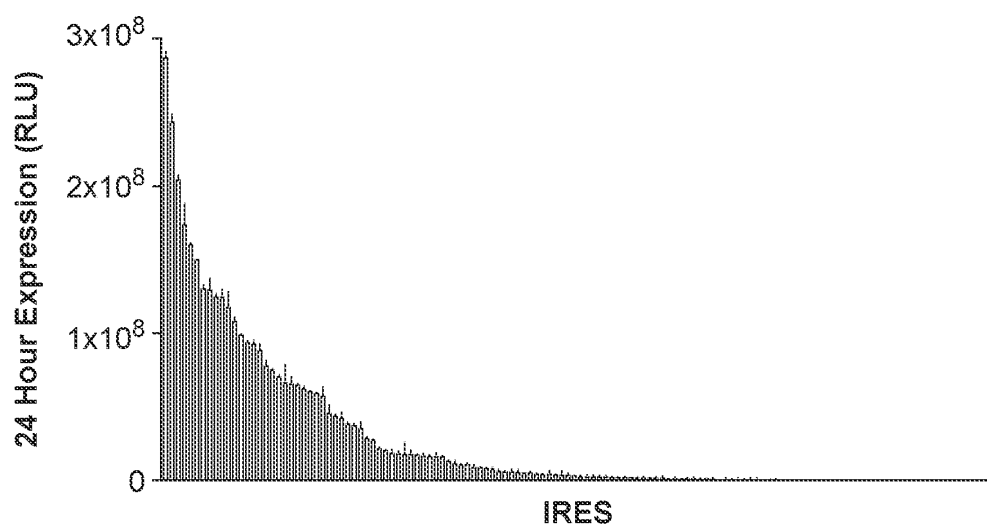


FIG. 1D

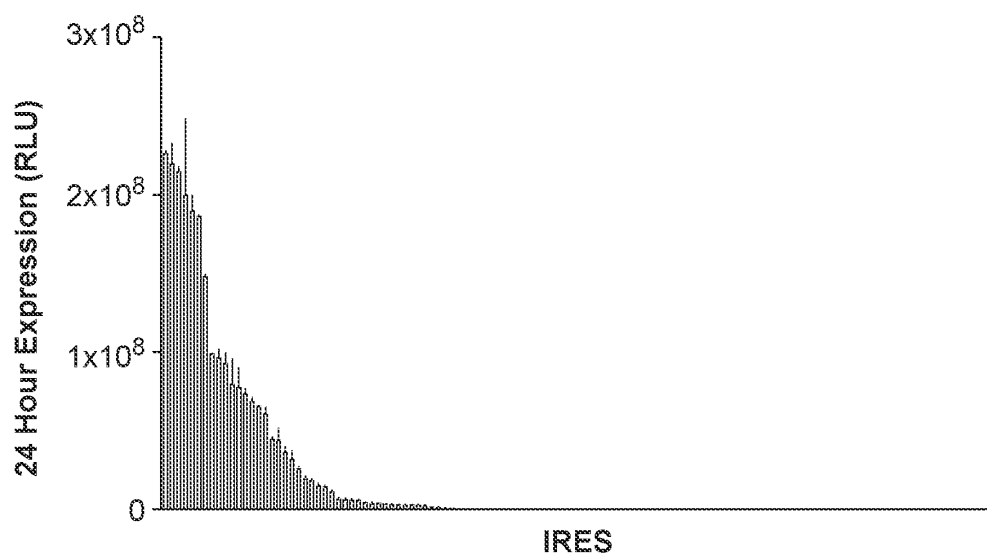


FIG. 1E

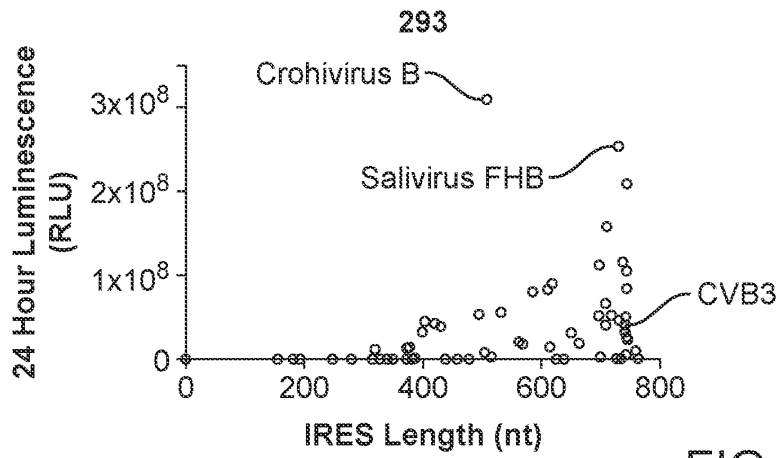


FIG. 2A

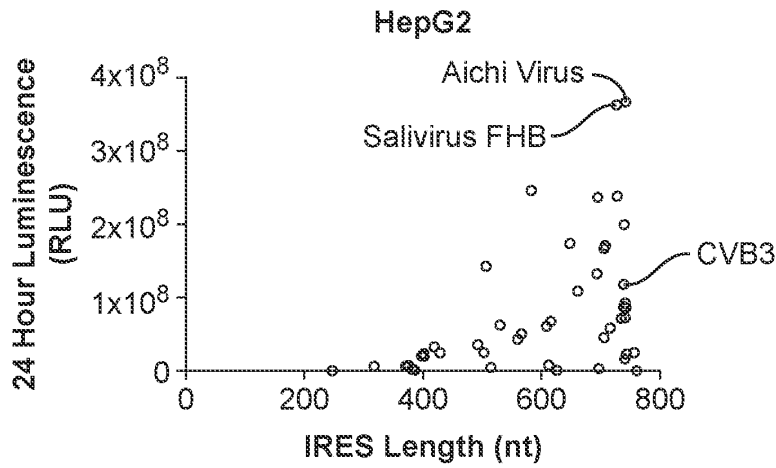


FIG. 2B

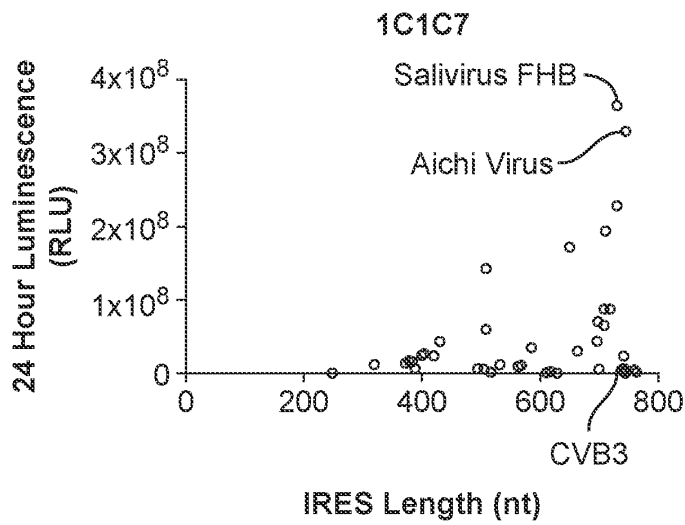


FIG. 2C

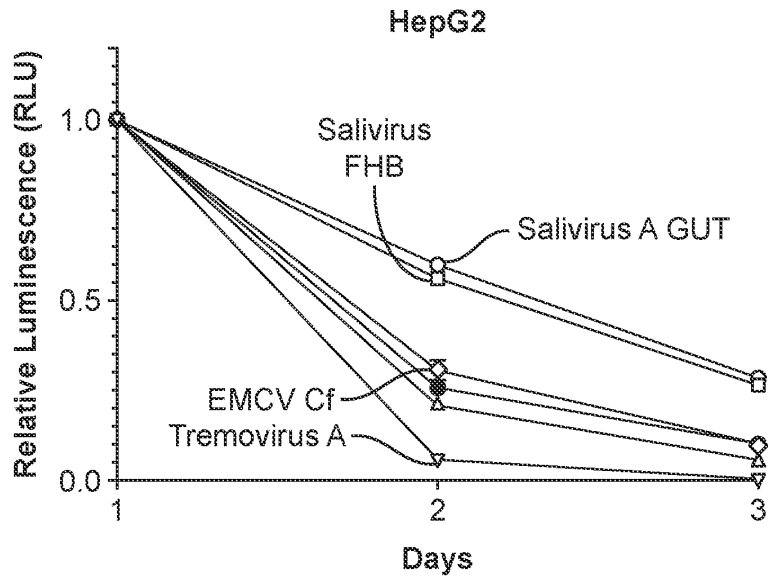


FIG. 3A

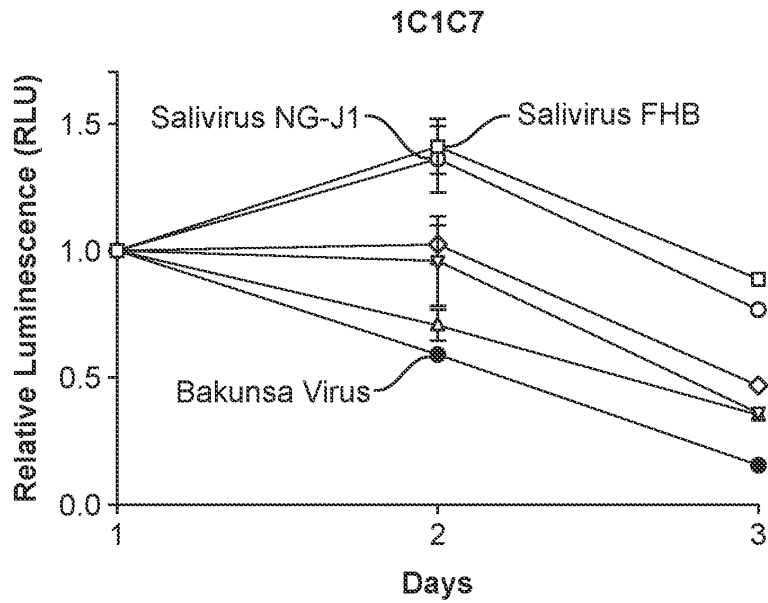


FIG. 3B

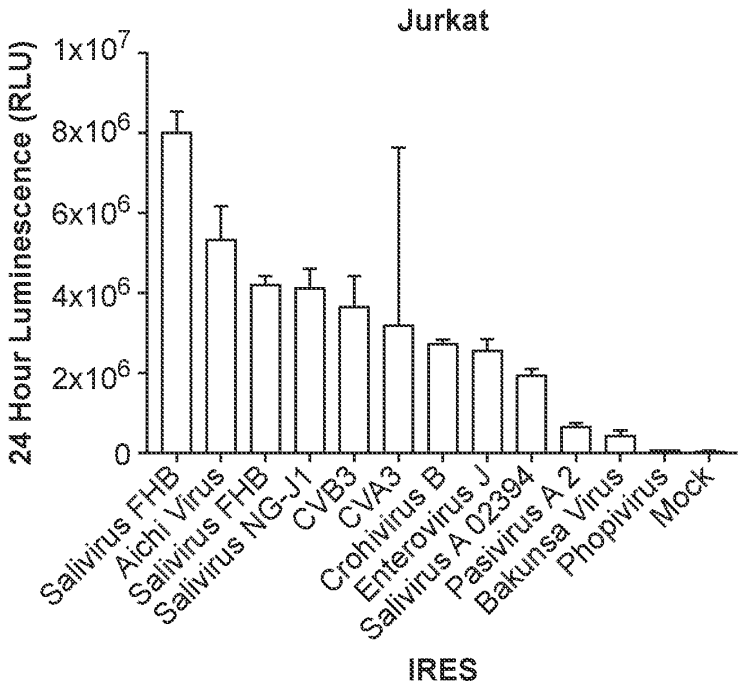


FIG. 4A

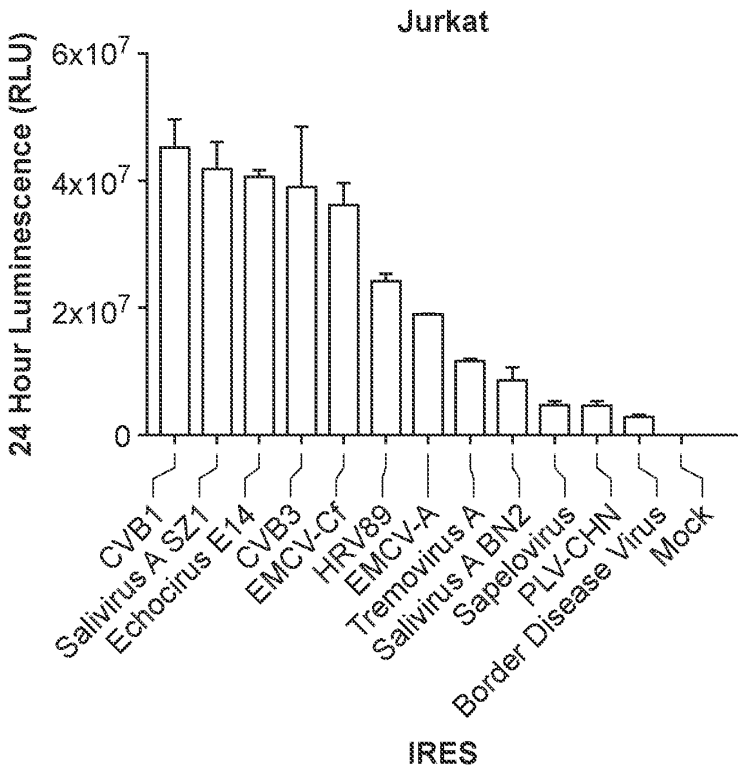


FIG. 4B

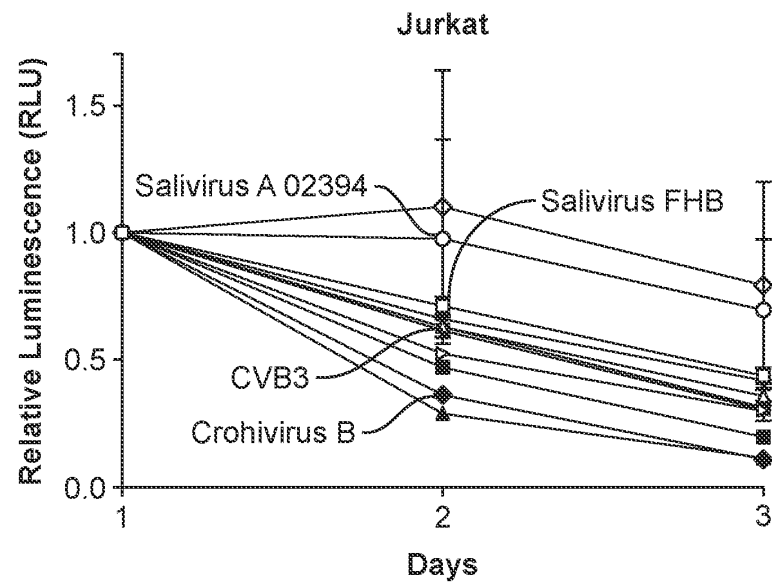


FIG. 5A

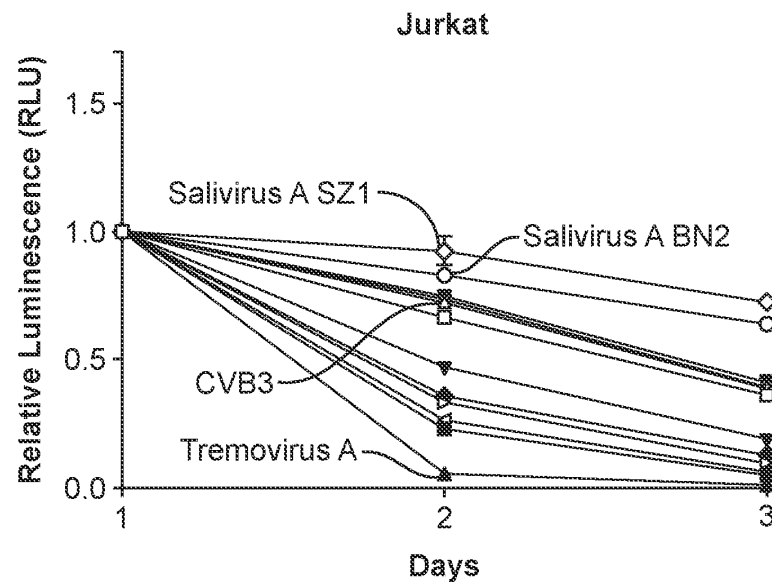


FIG. 5B

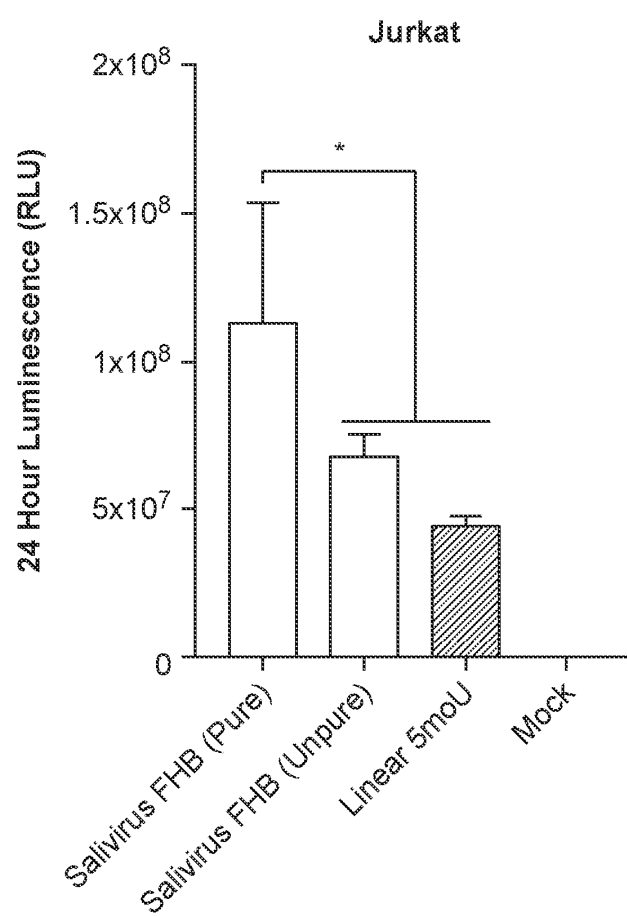


FIG. 6A

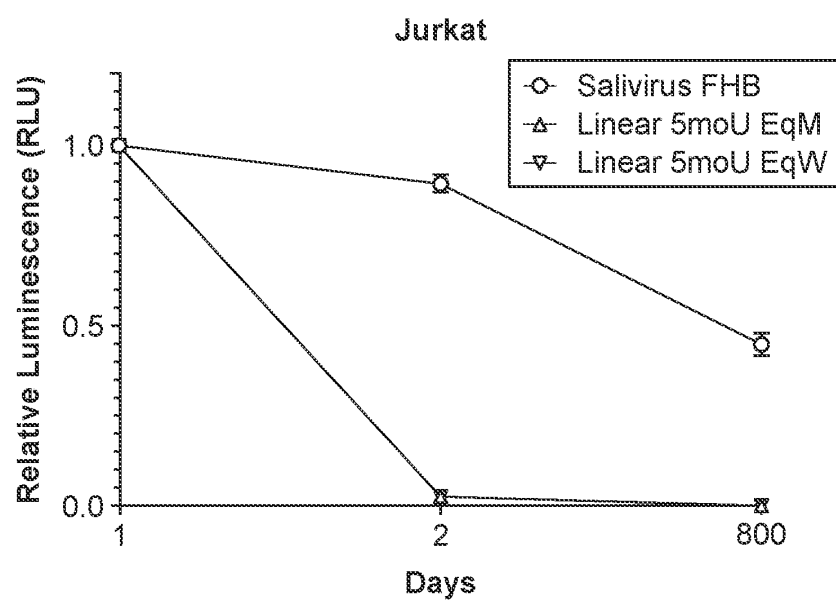


FIG. 6B

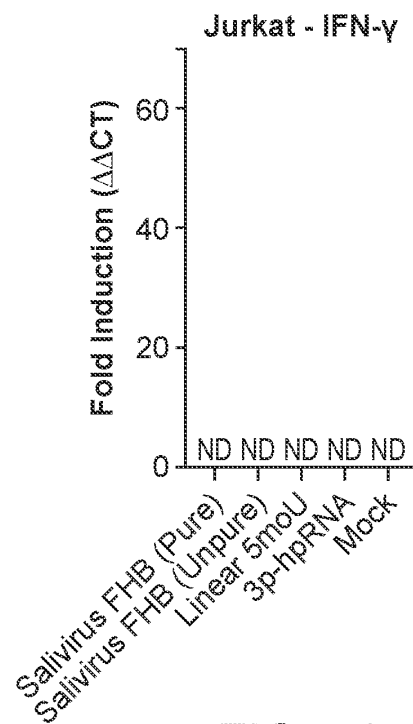


FIG. 7A

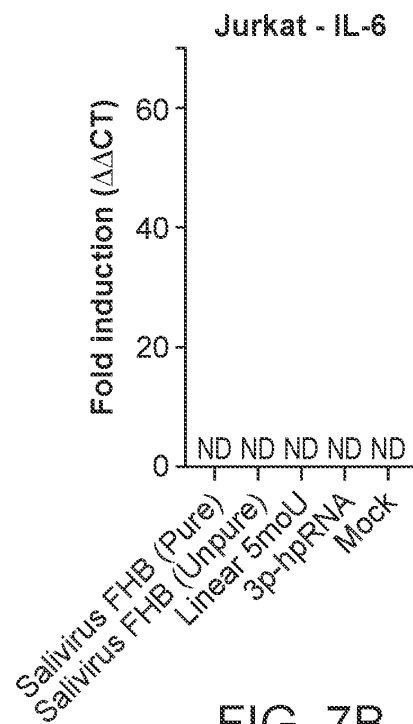


FIG. 7B

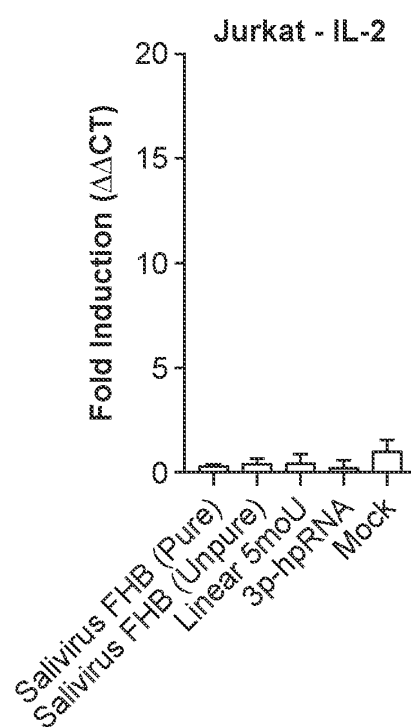


FIG. 7C

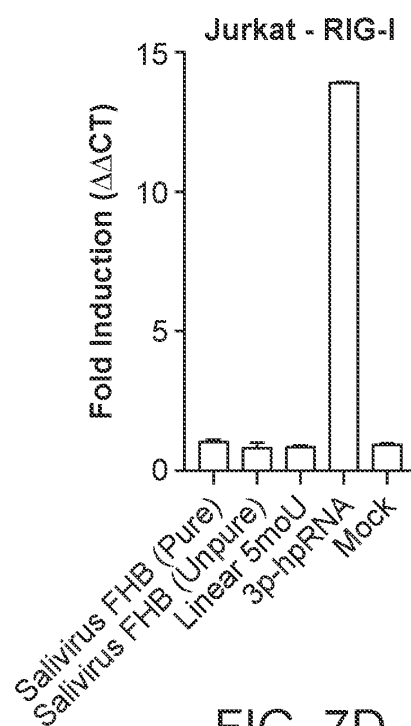


FIG. 7D

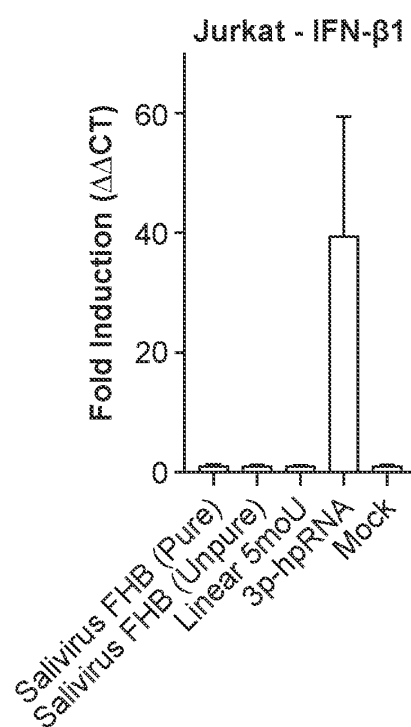


FIG. 7E

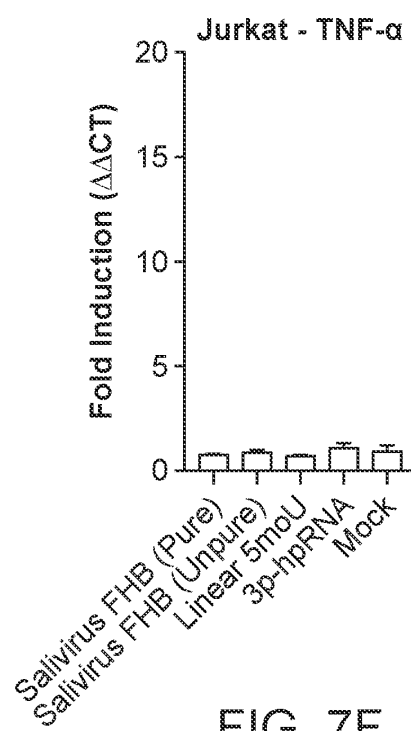


FIG. 7F

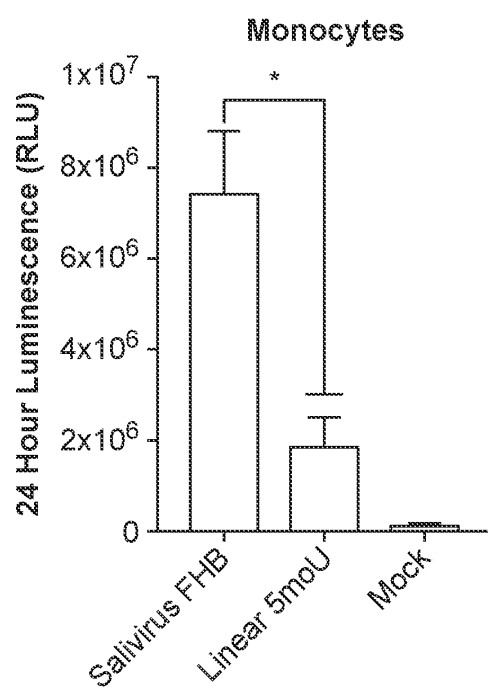


FIG. 8A

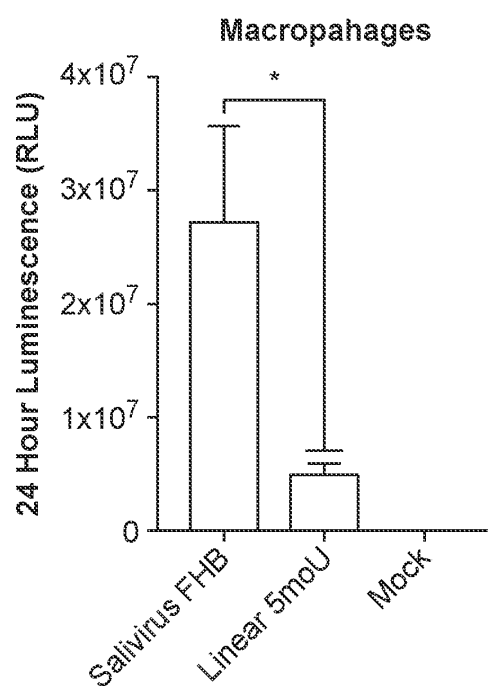


FIG. 8B

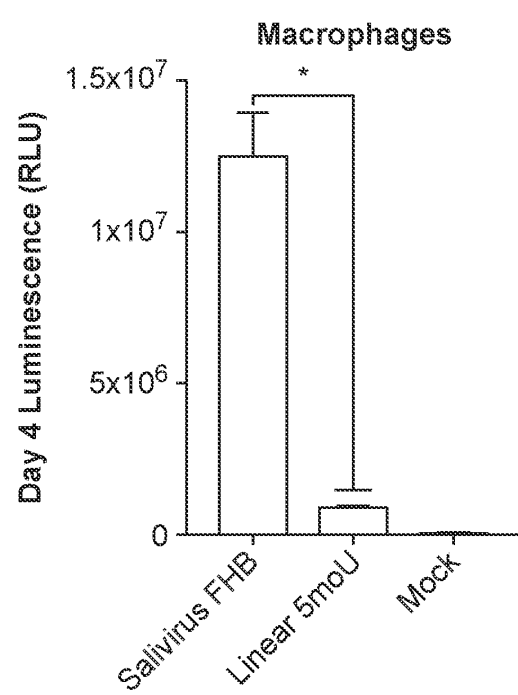


FIG. 8C

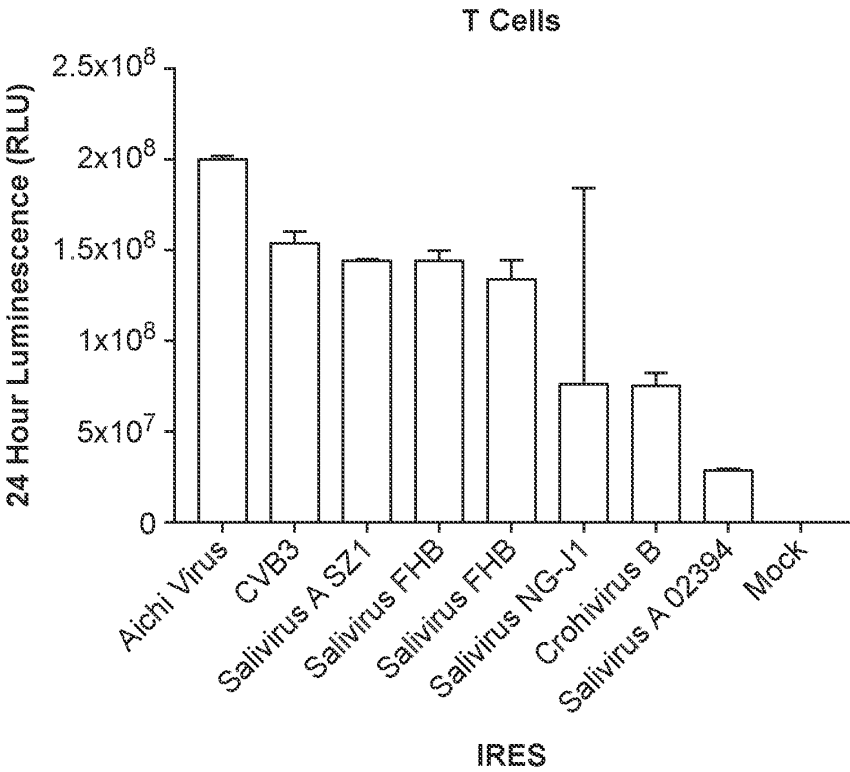


FIG. 9A

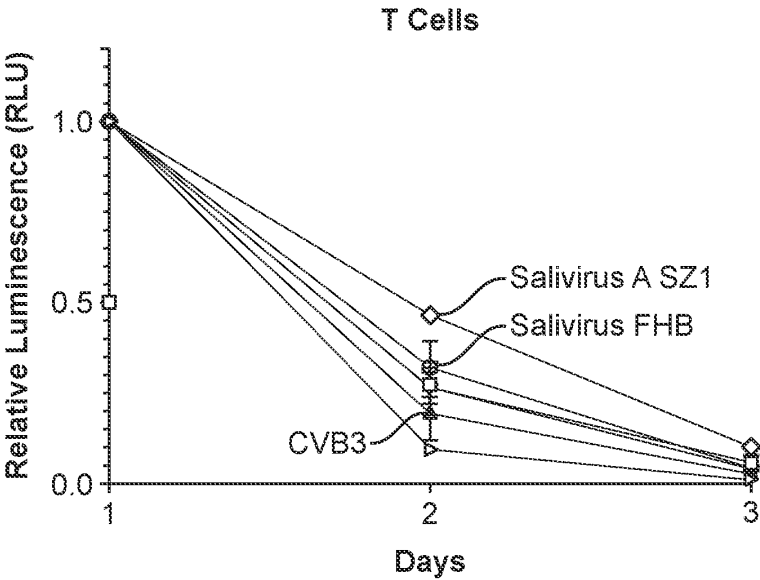


FIG. 9B

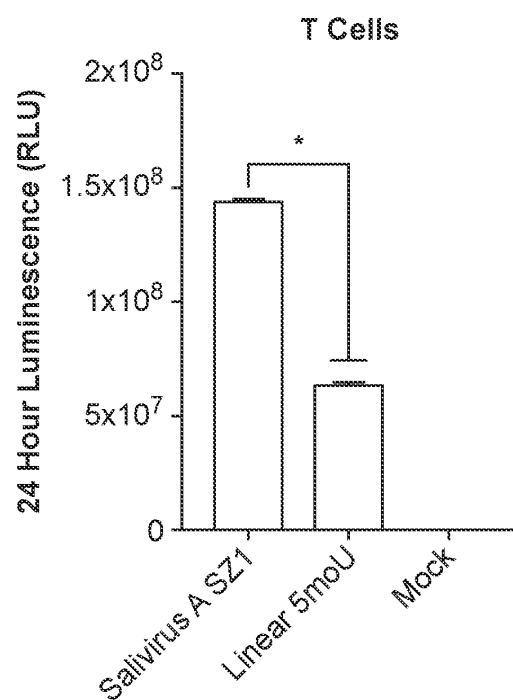


FIG. 10A

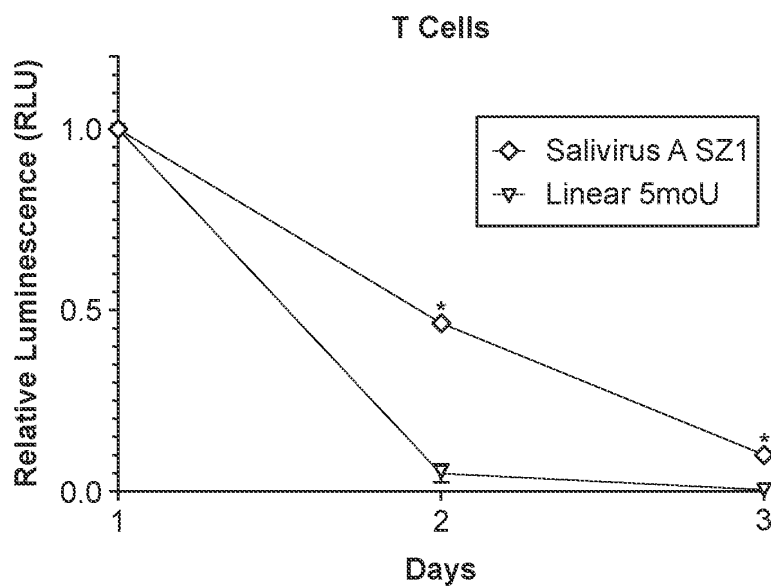


FIG. 10B

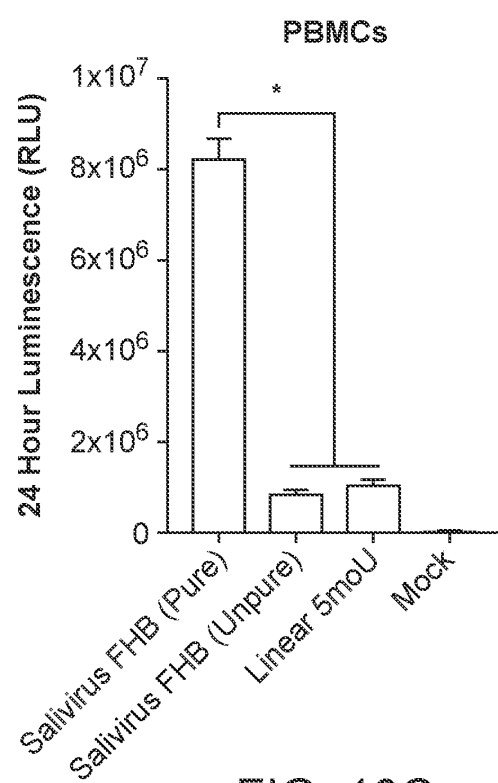


FIG. 10C

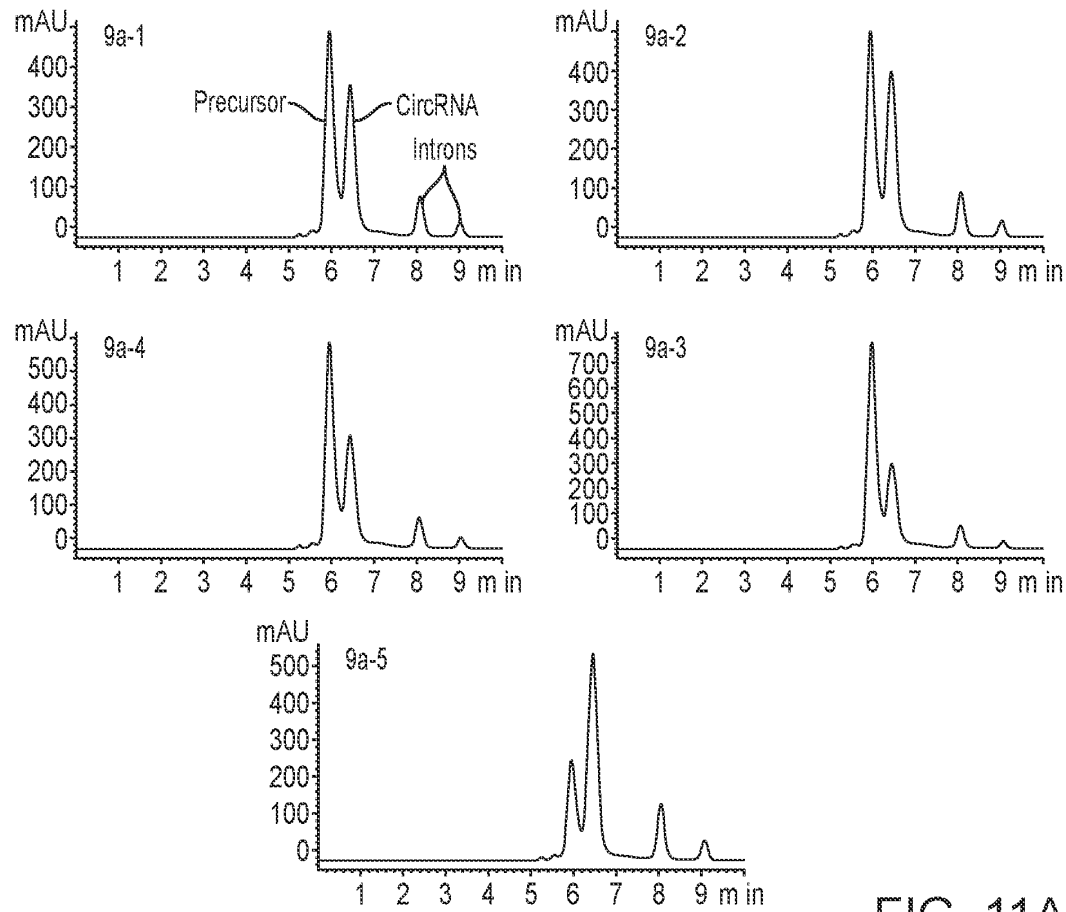


FIG. 11A

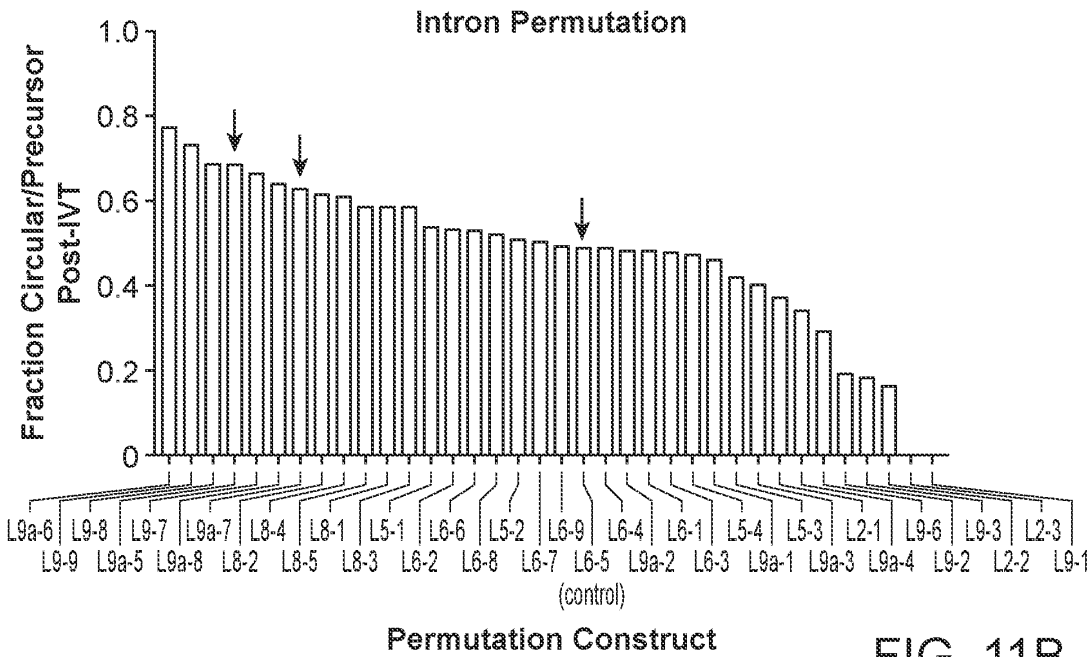


FIG. 11B

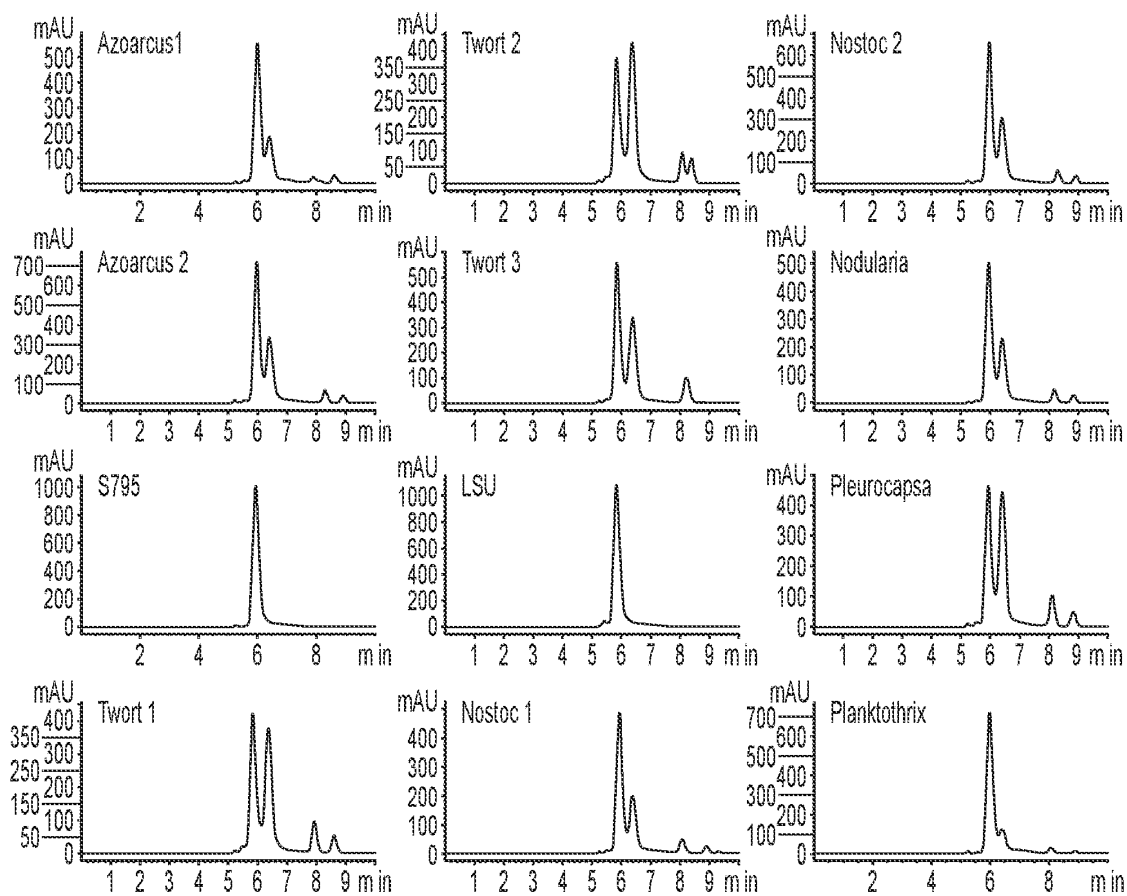


FIG. 12A

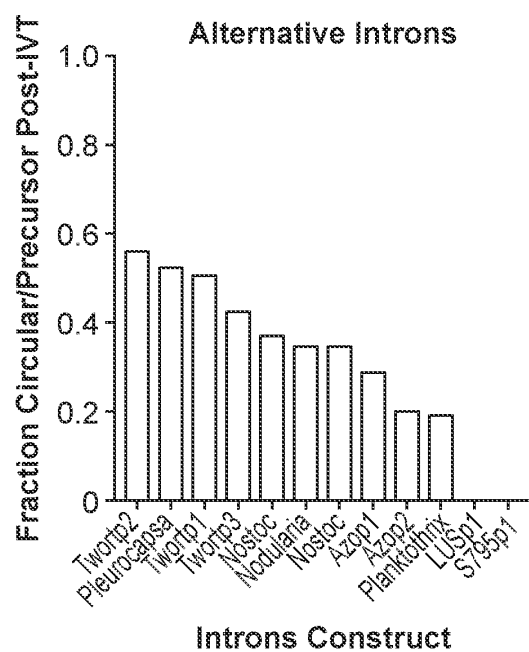


FIG. 12B

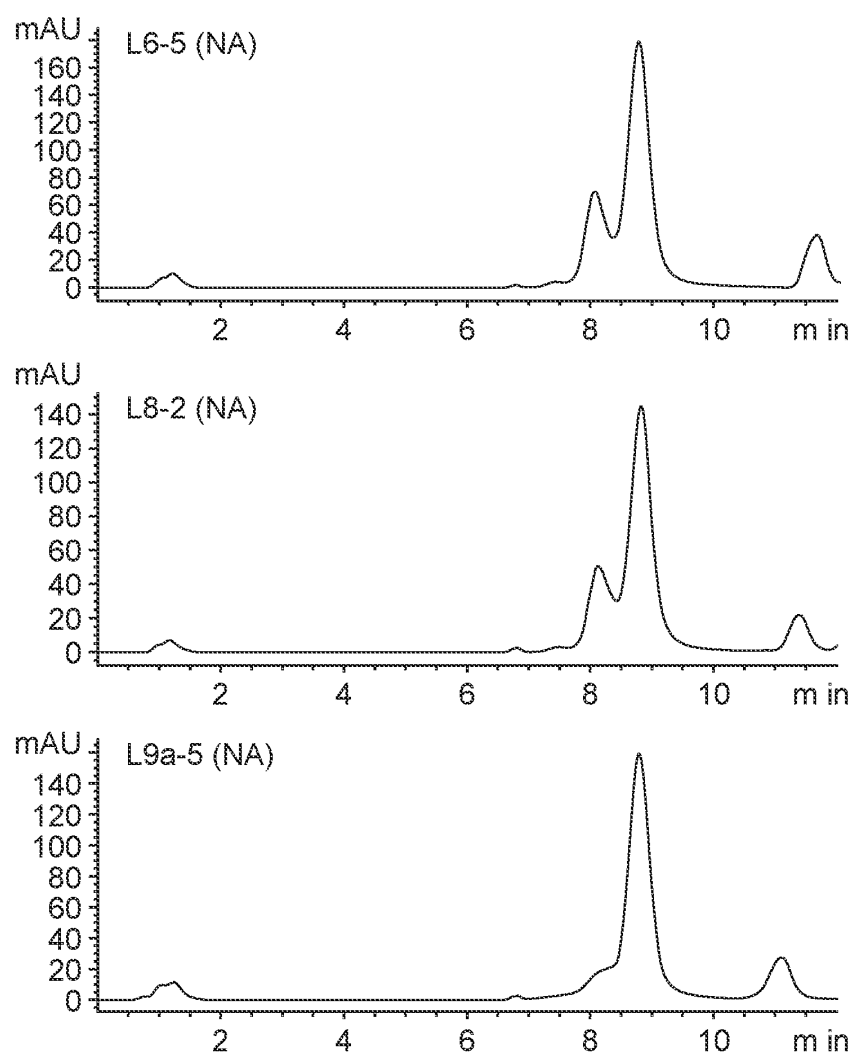


FIG. 13A

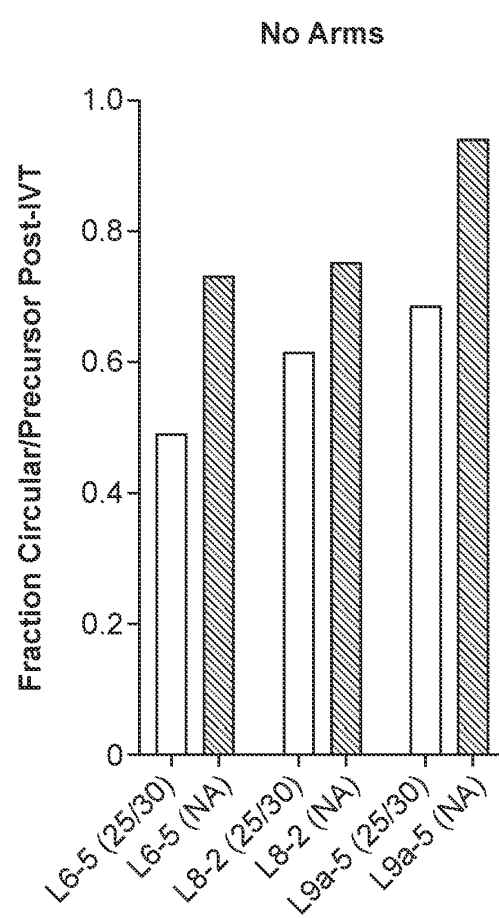


FIG. 13B

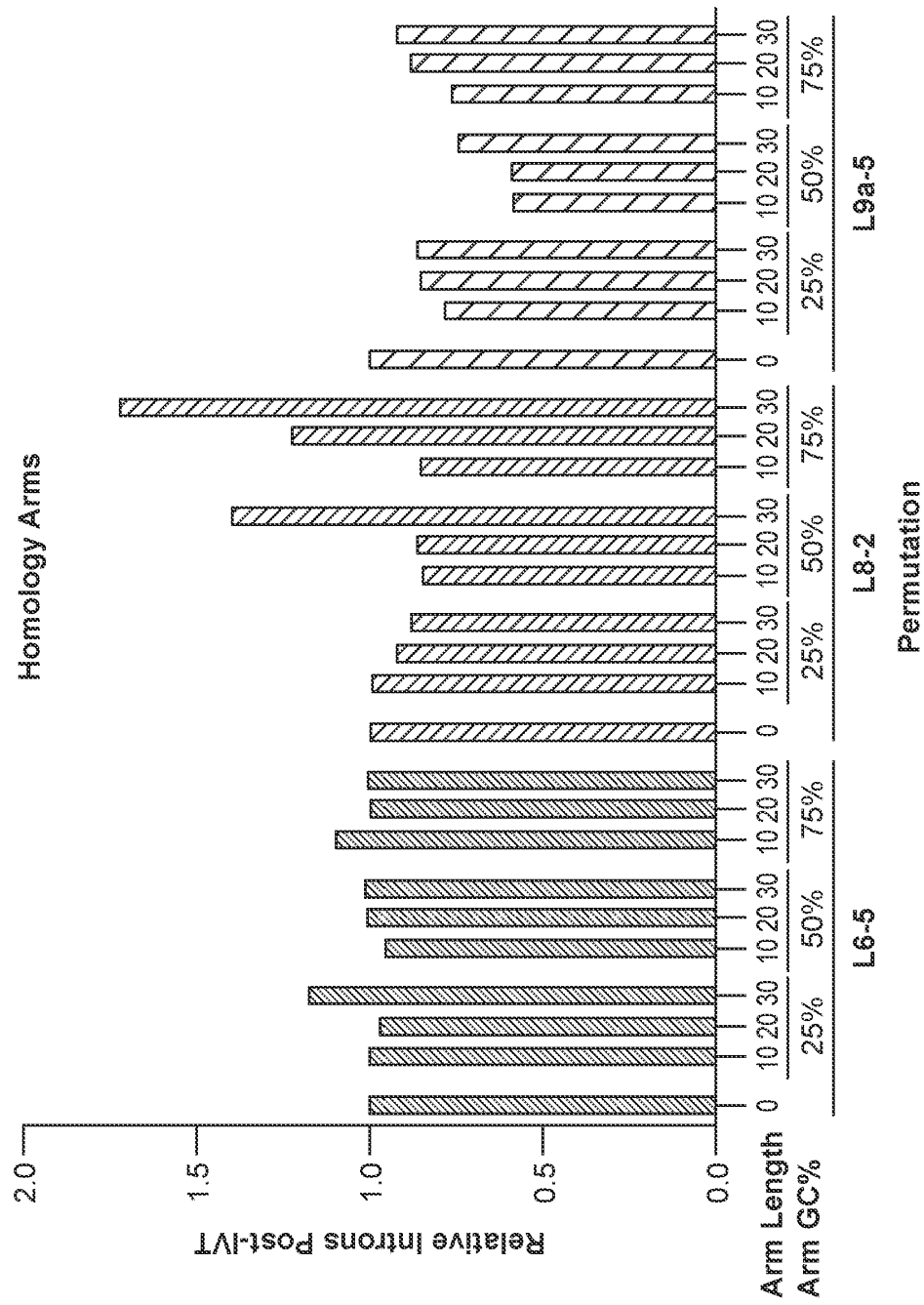


FIG. 14

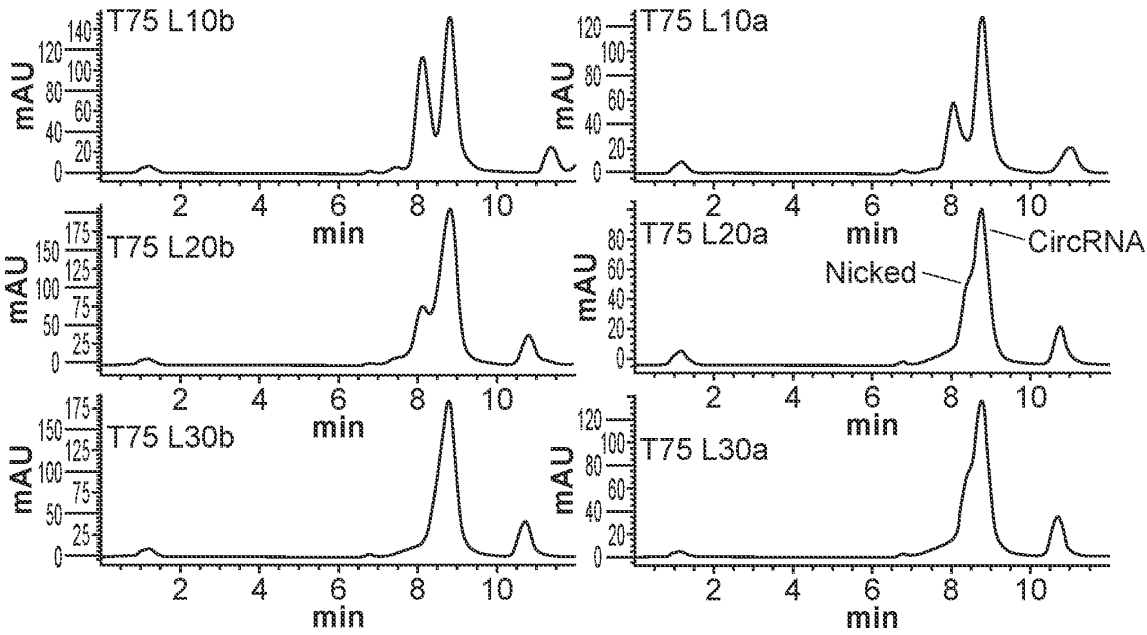


FIG. 15A

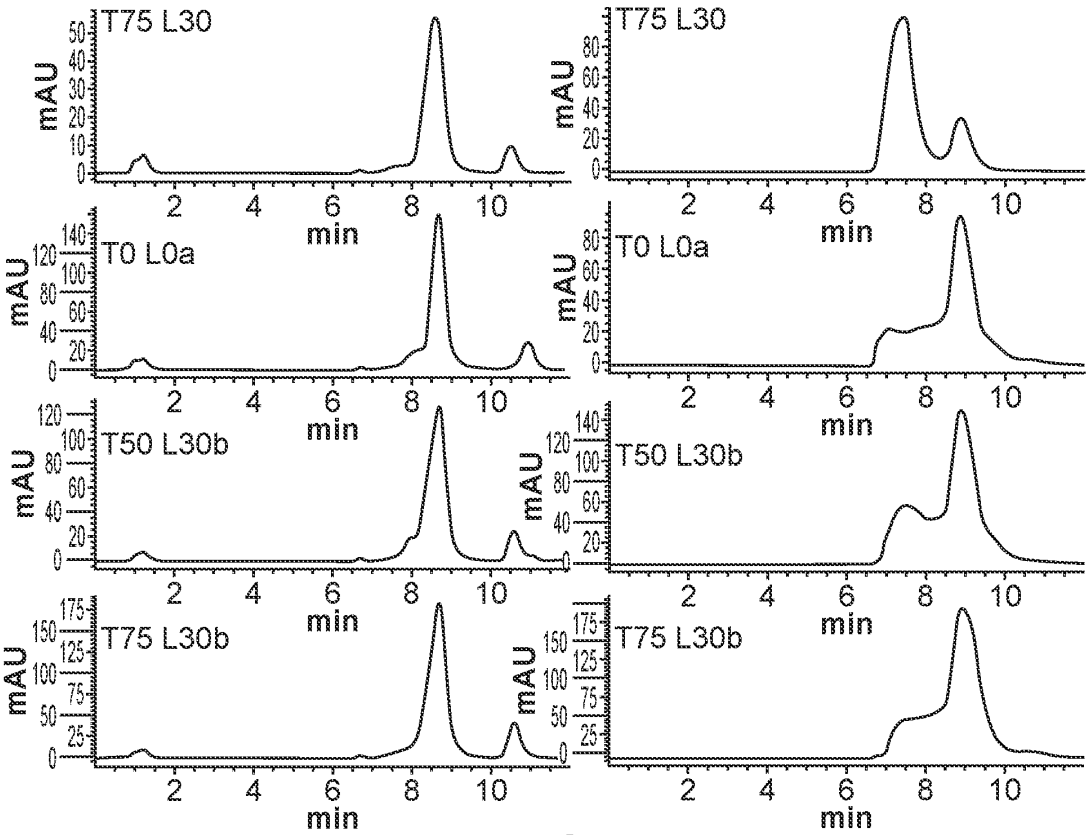


FIG. 15B

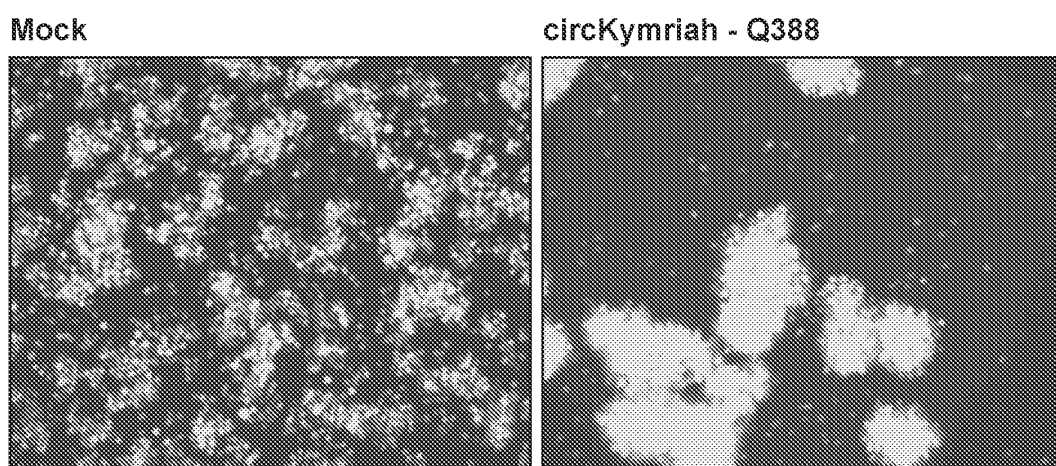


FIG. 16

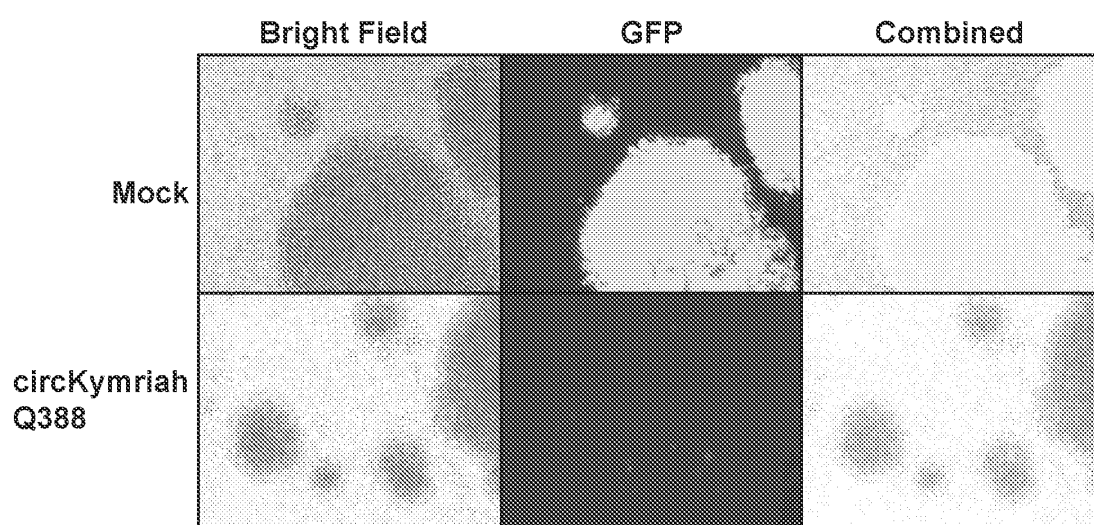


FIG. 17

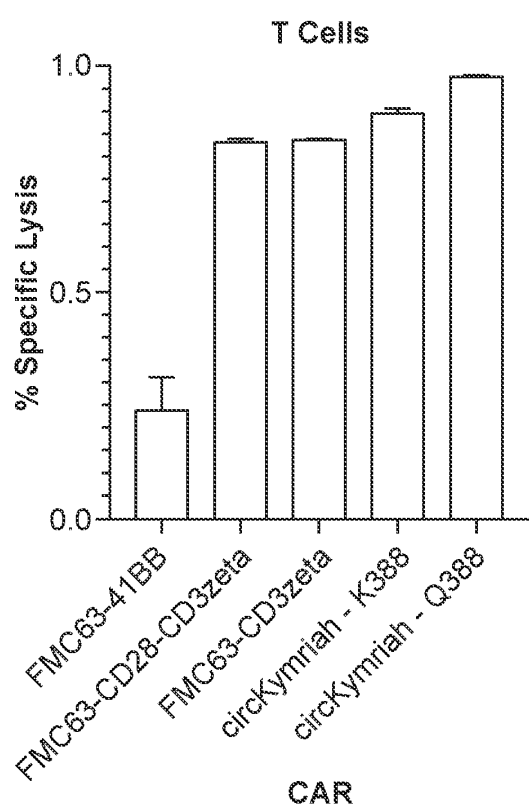


FIG. 18

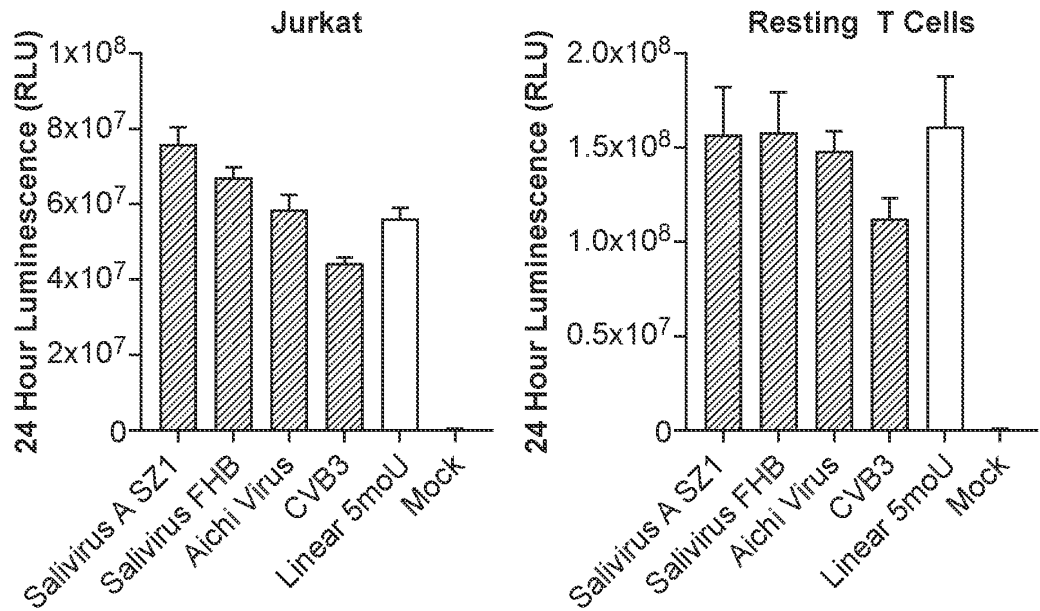


FIG. 19A

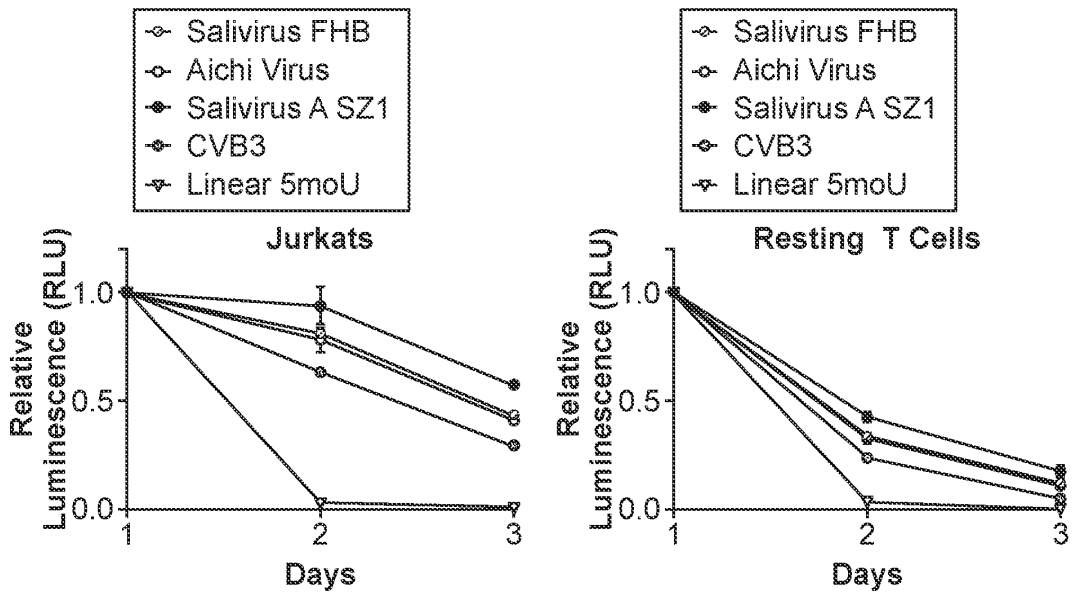


FIG. 19B

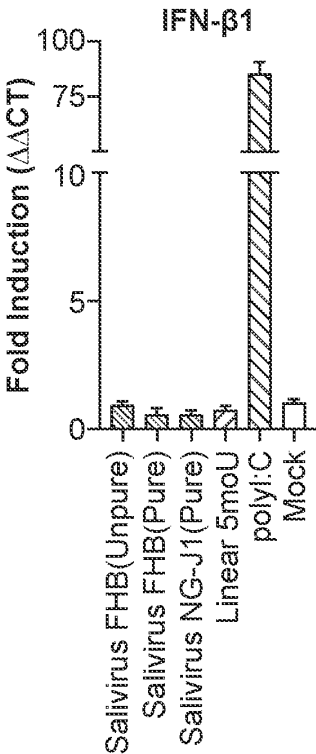


FIG. 20A

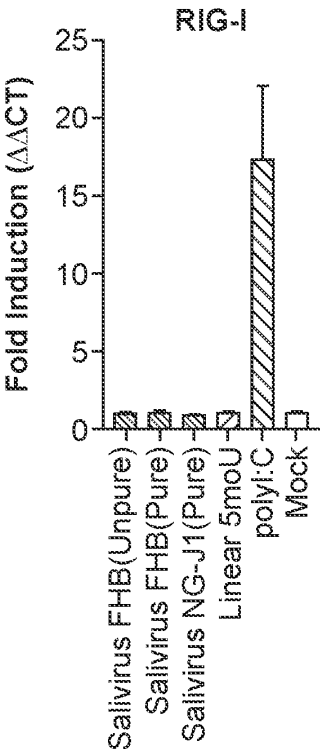


FIG. 20B

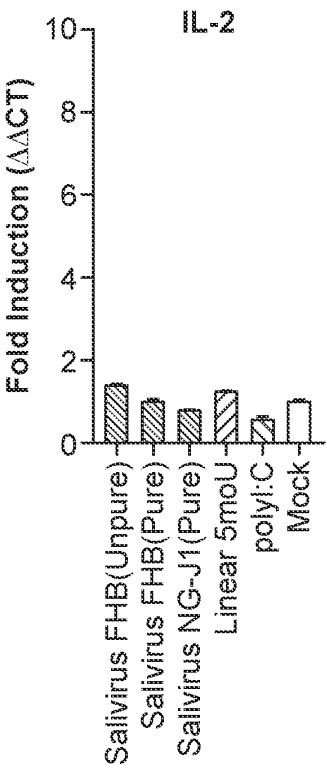


FIG. 20C

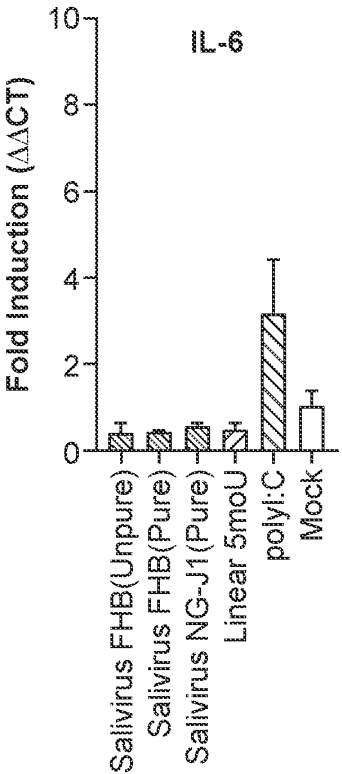


FIG. 20D

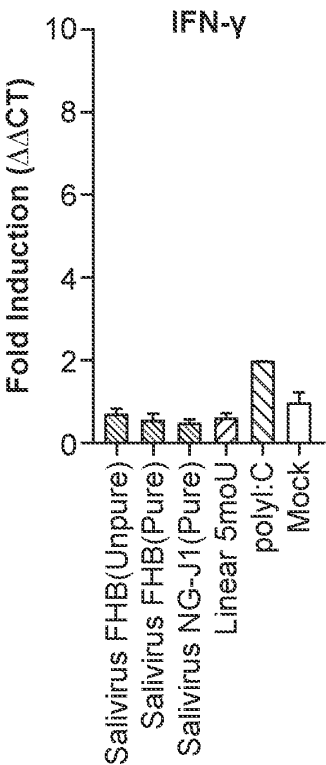


FIG. 20E

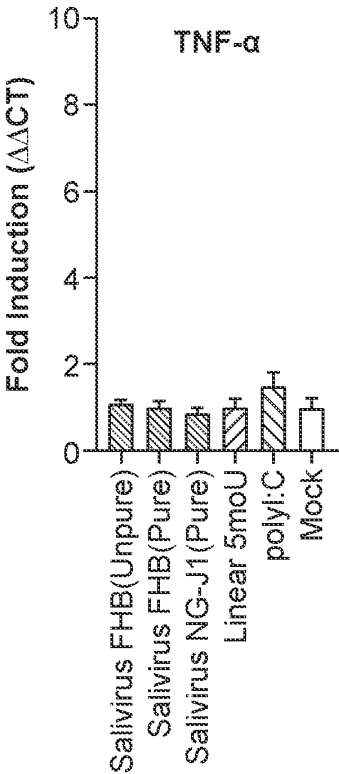


FIG. 20F

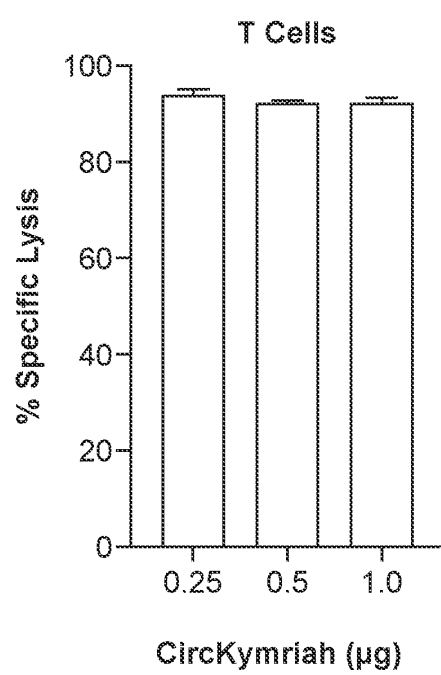


FIG. 21A

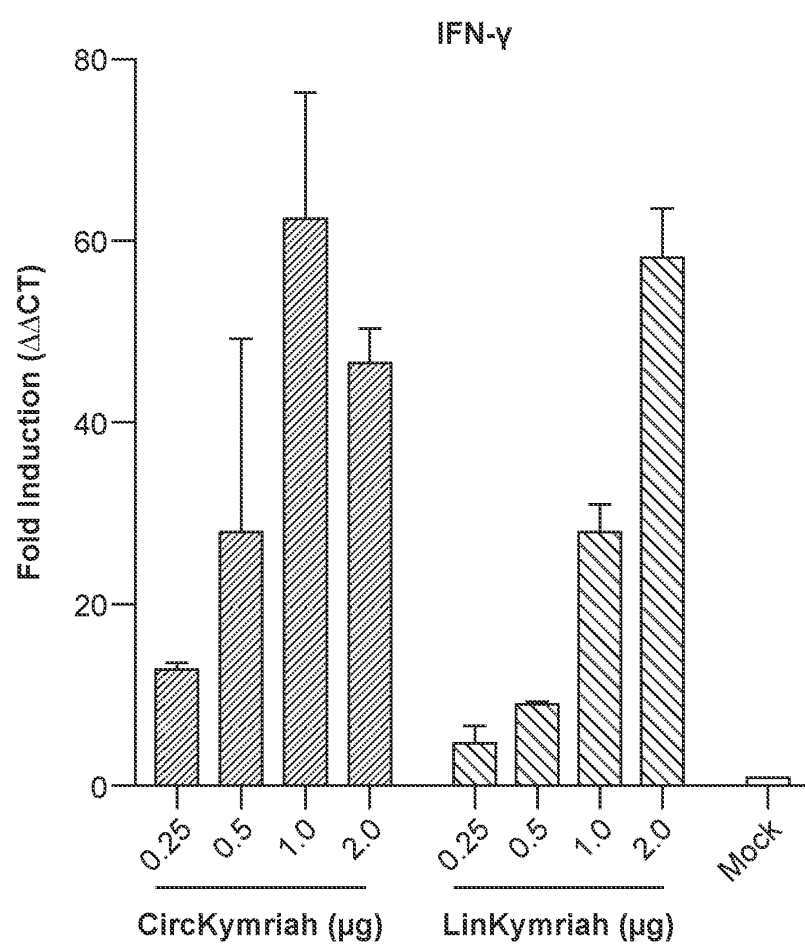


FIG. 21B

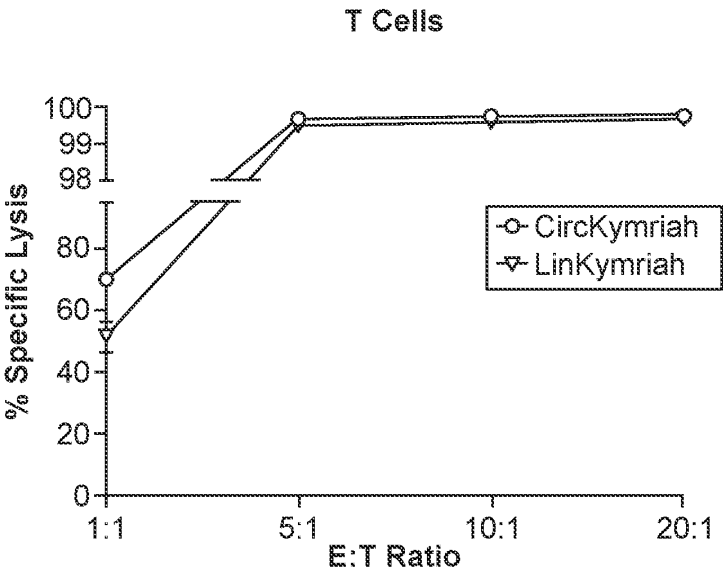


FIG. 22A

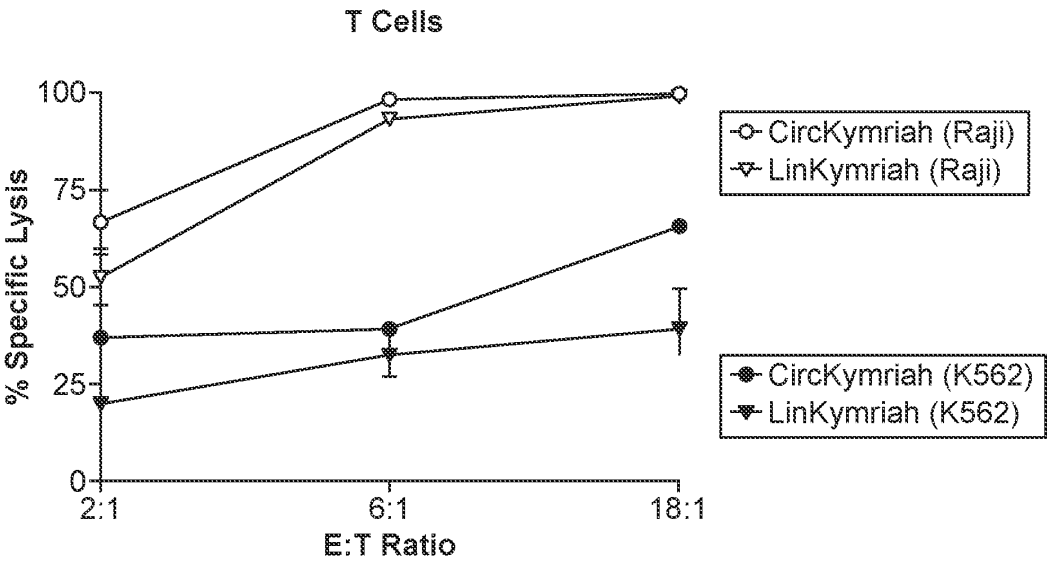


FIG. 22B

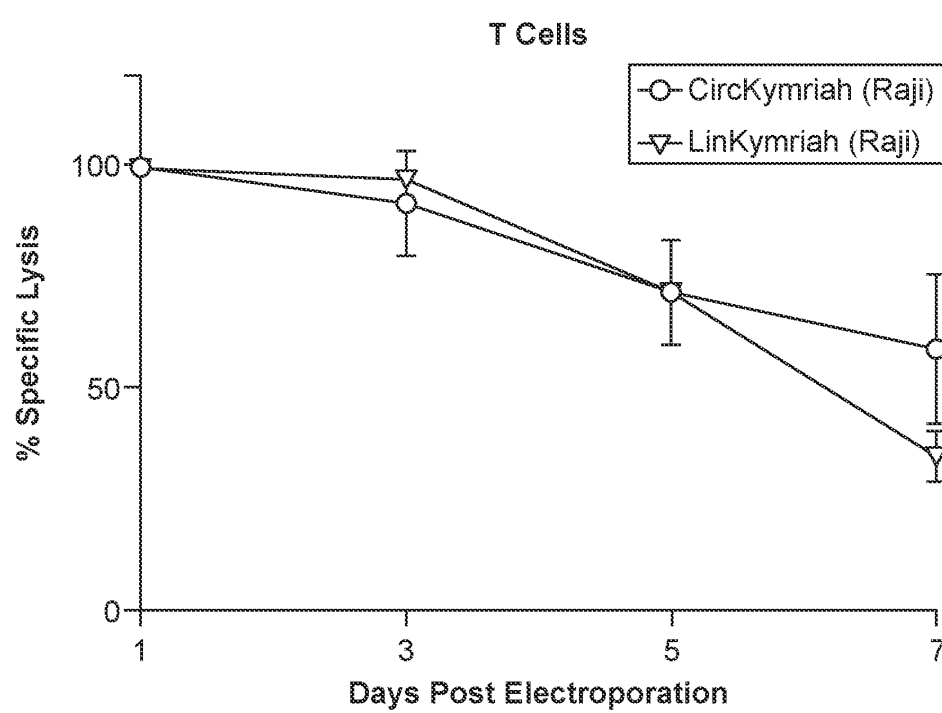


FIG. 23

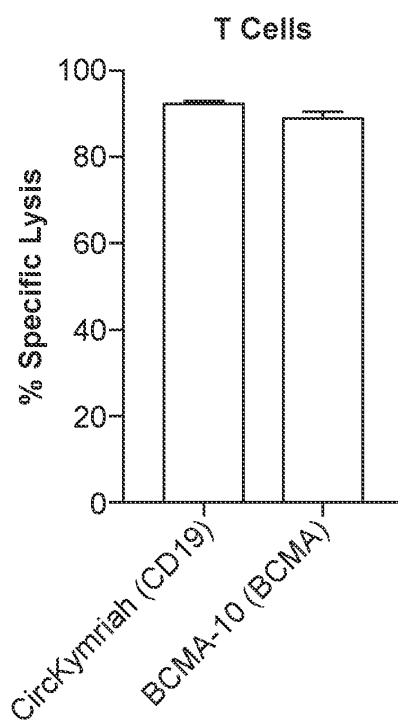


FIG. 24

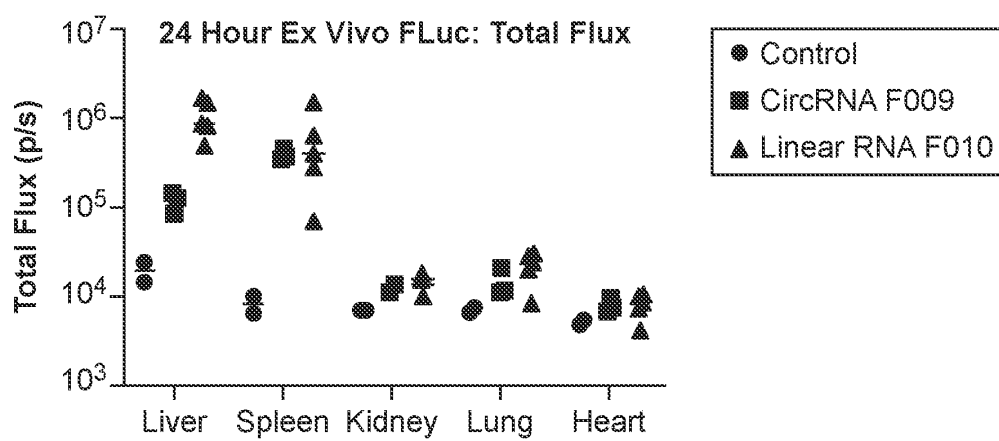


FIG. 25

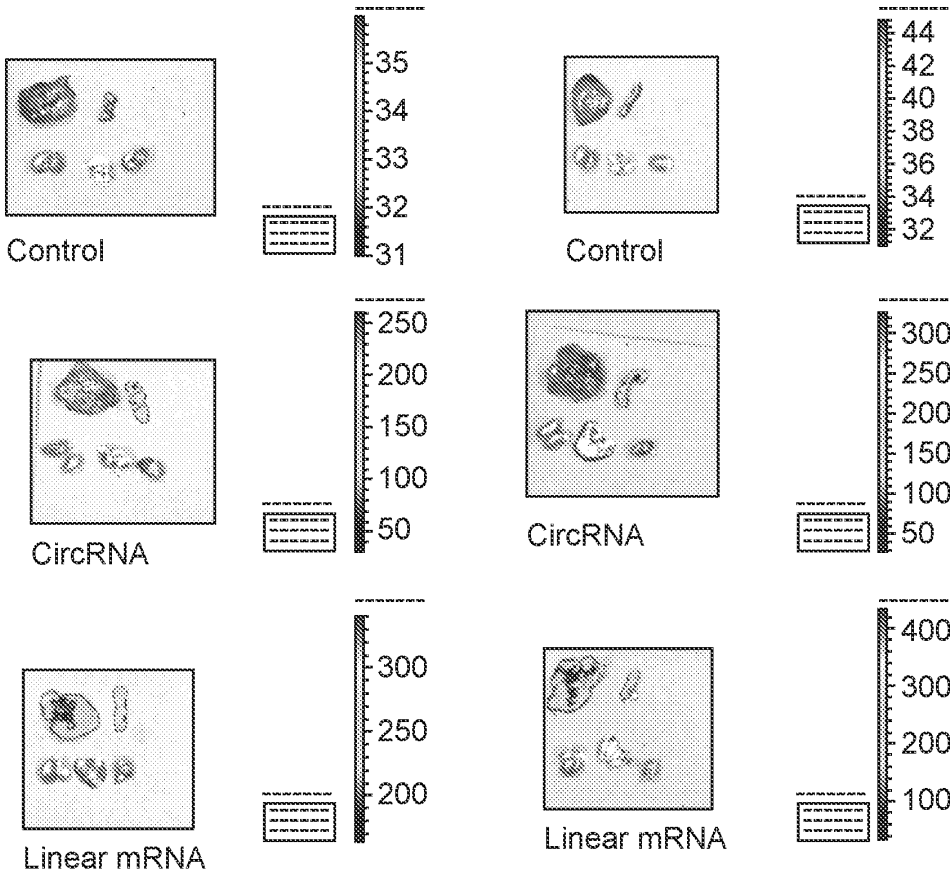


FIG. 26

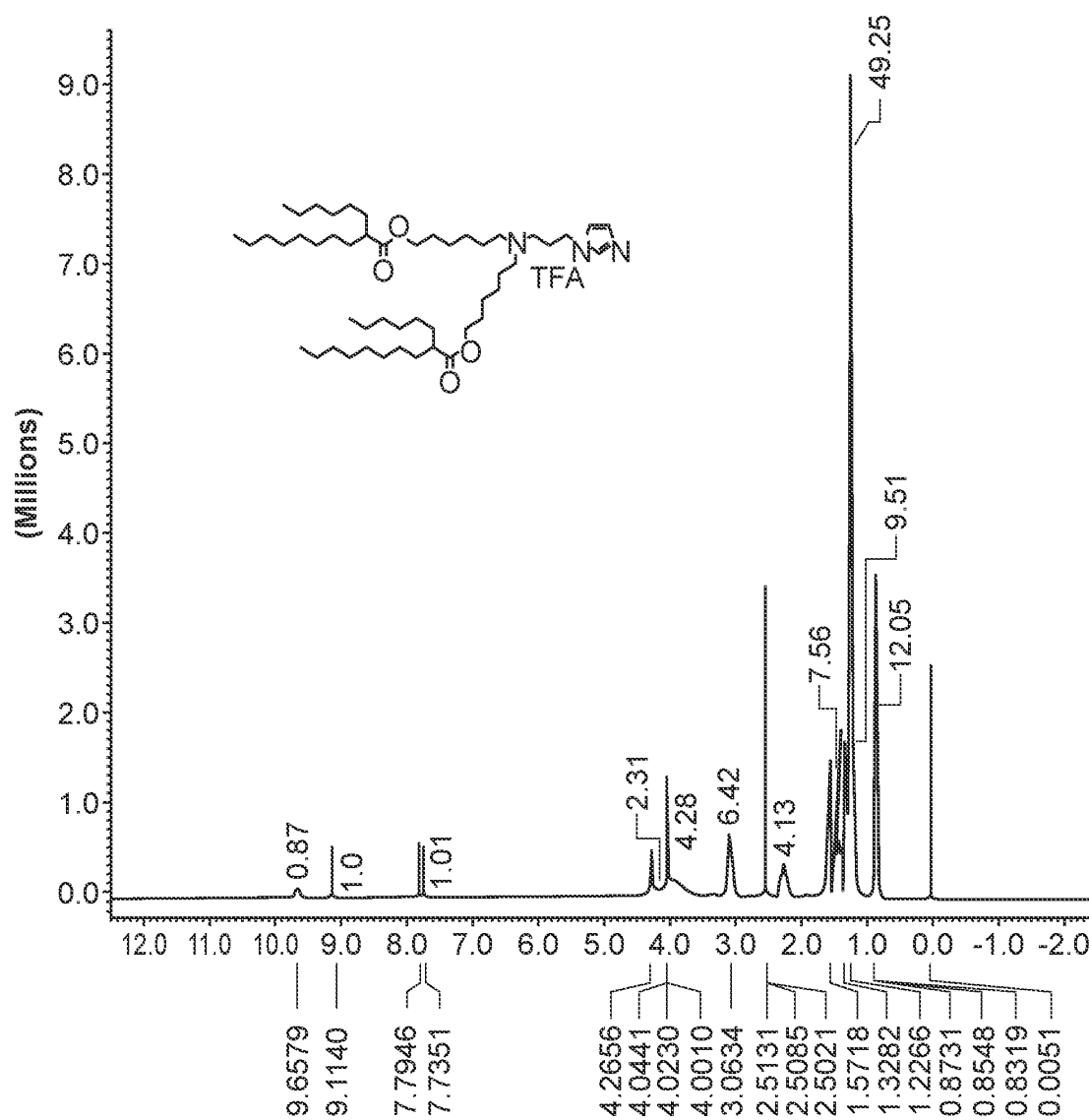


FIG. 27A

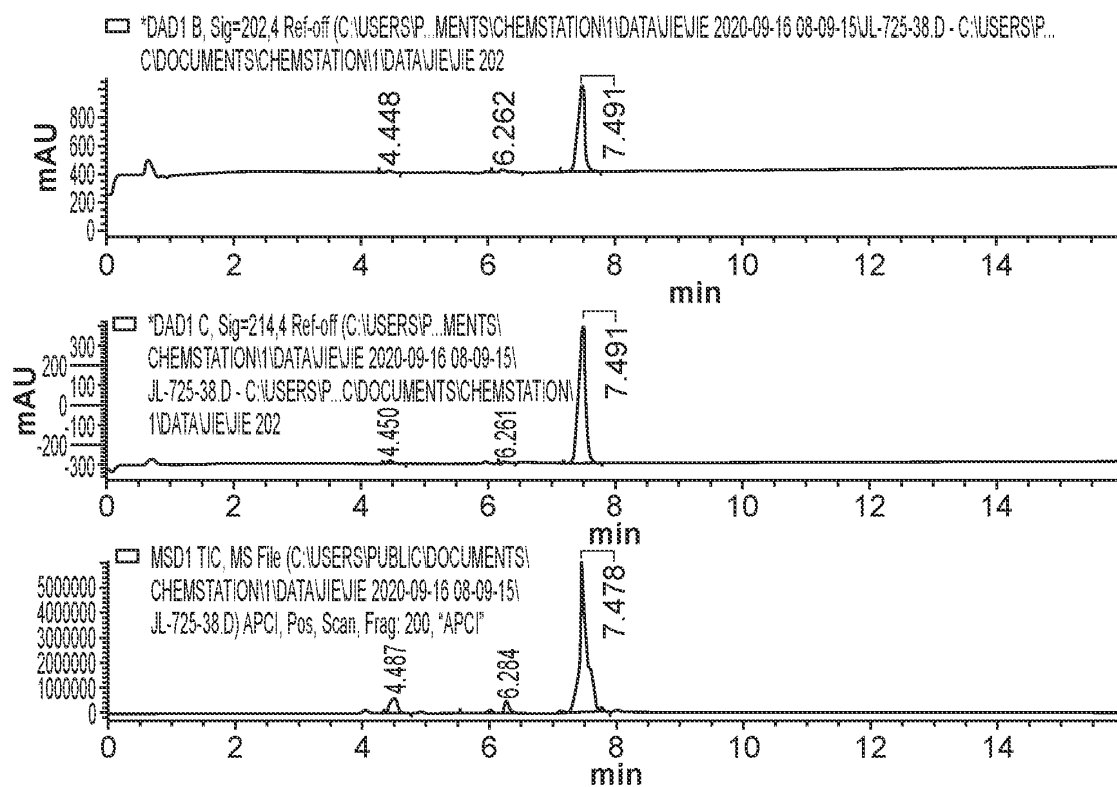


FIG. 27B

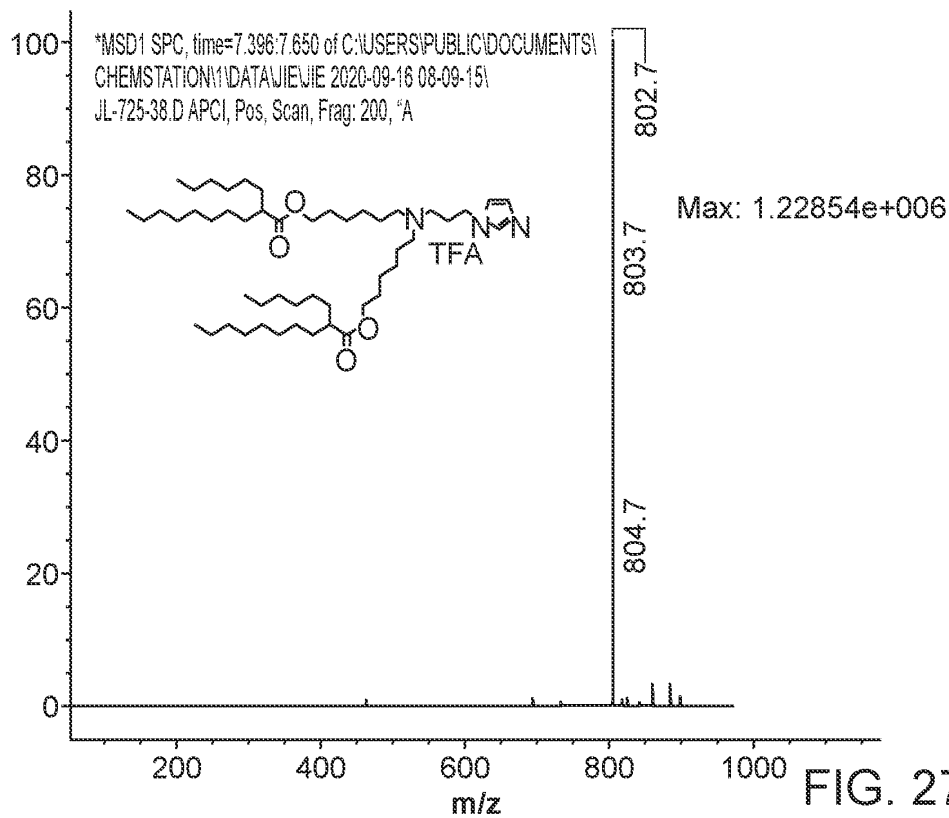


FIG. 27C

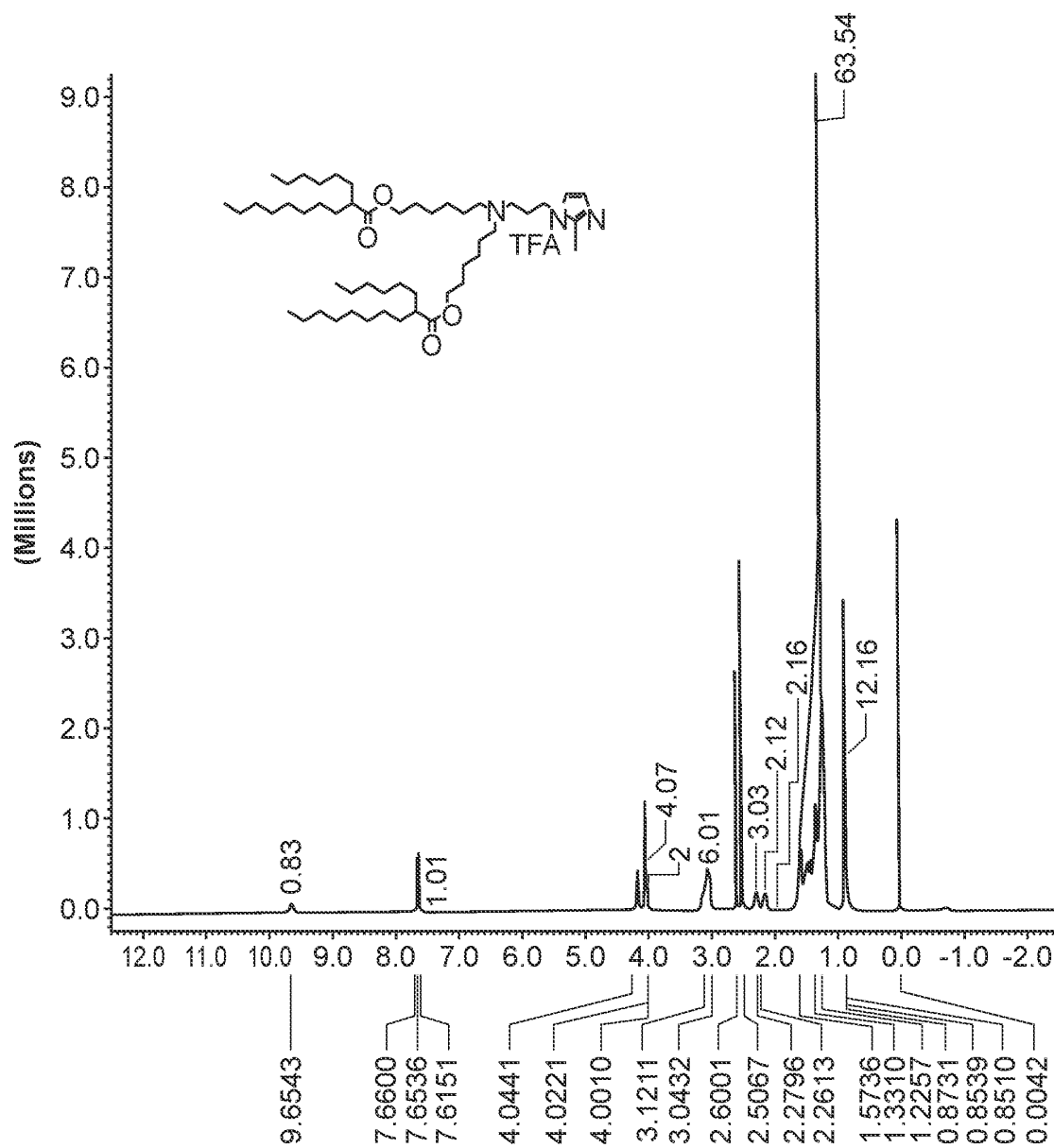


FIG. 27D

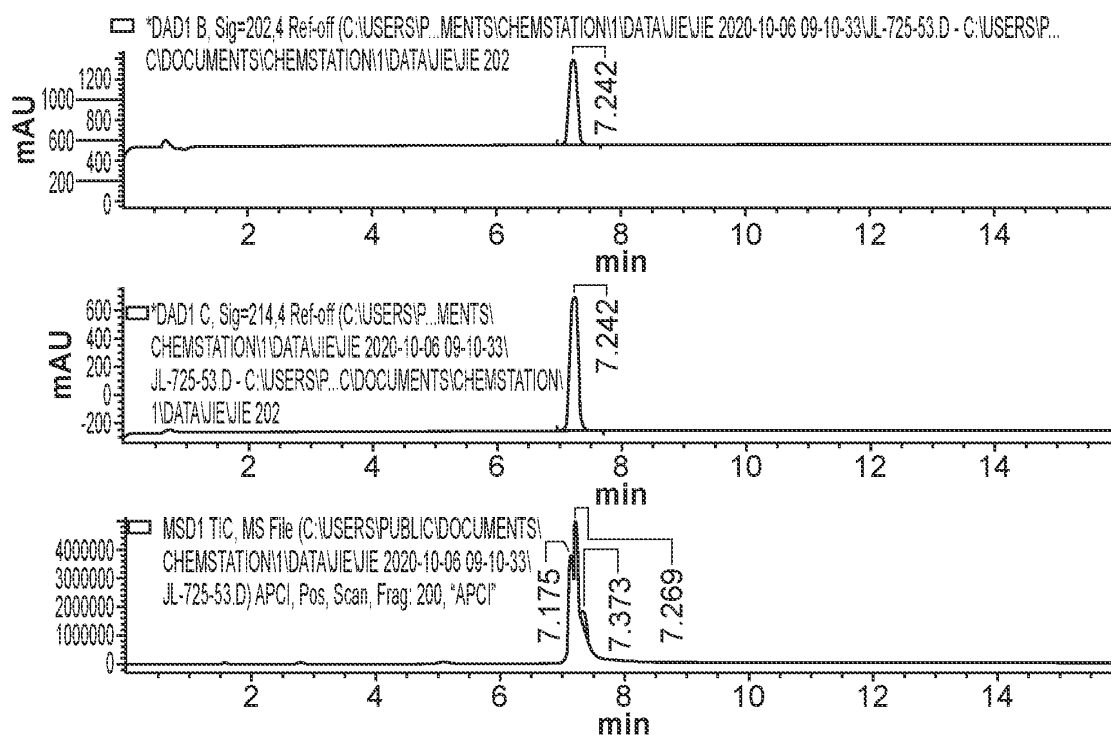


FIG. 27E

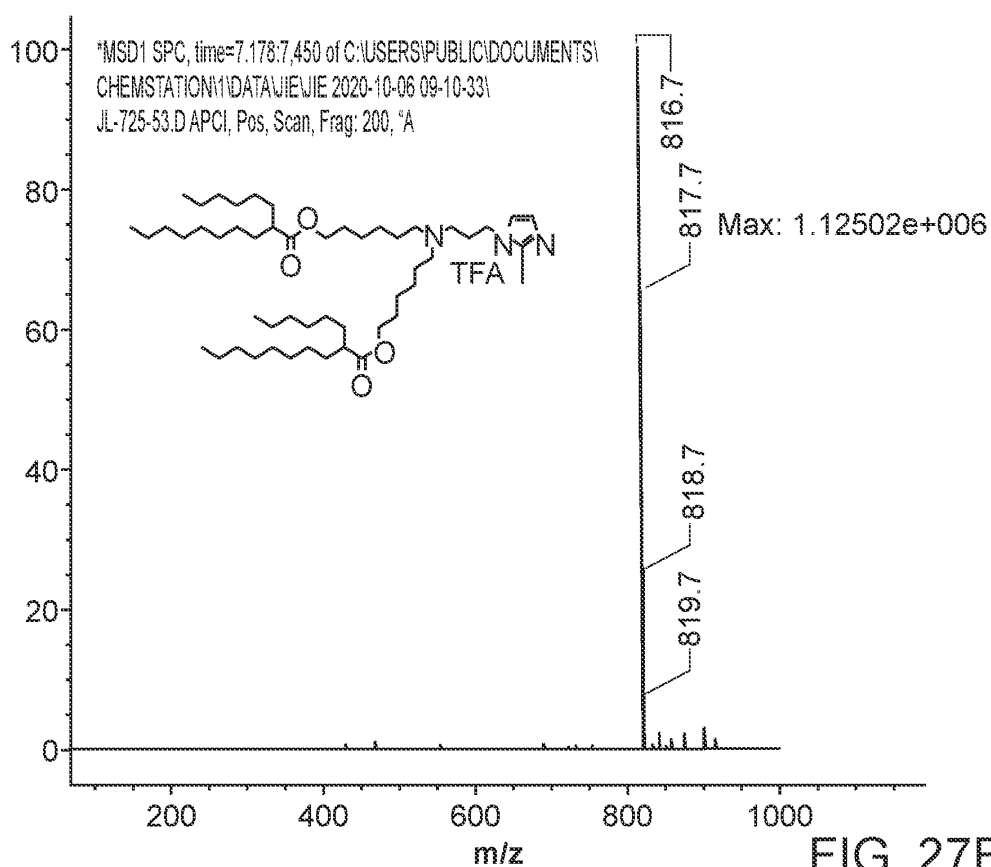


FIG. 27F

40/112

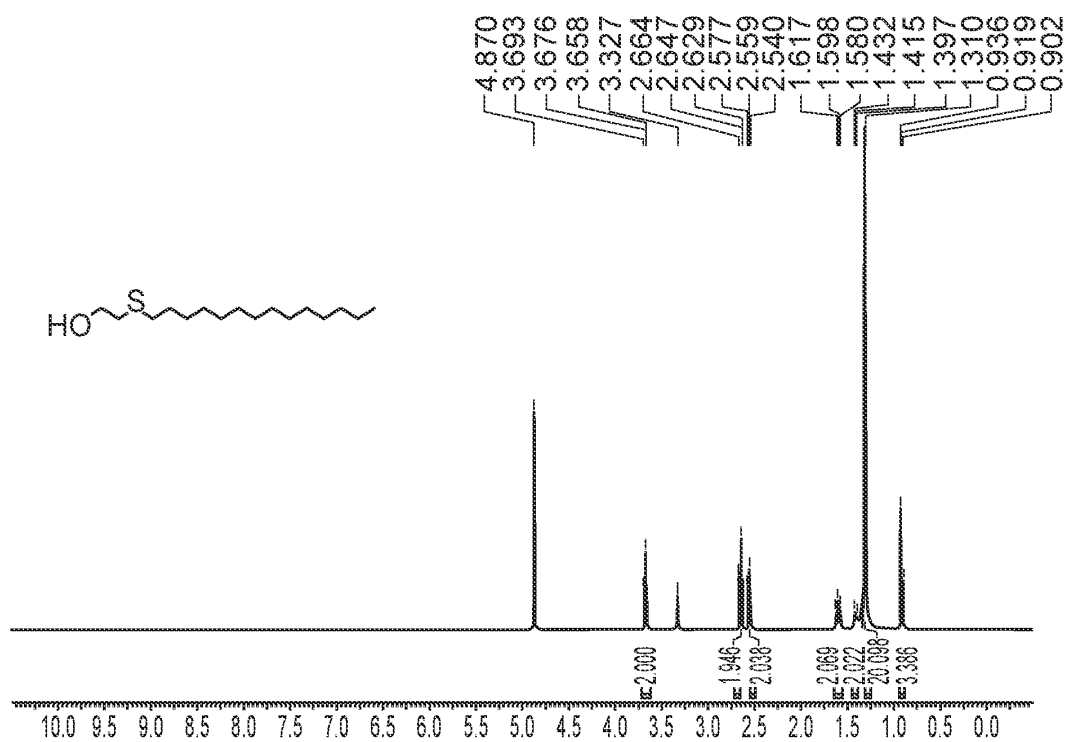


FIG. 28A

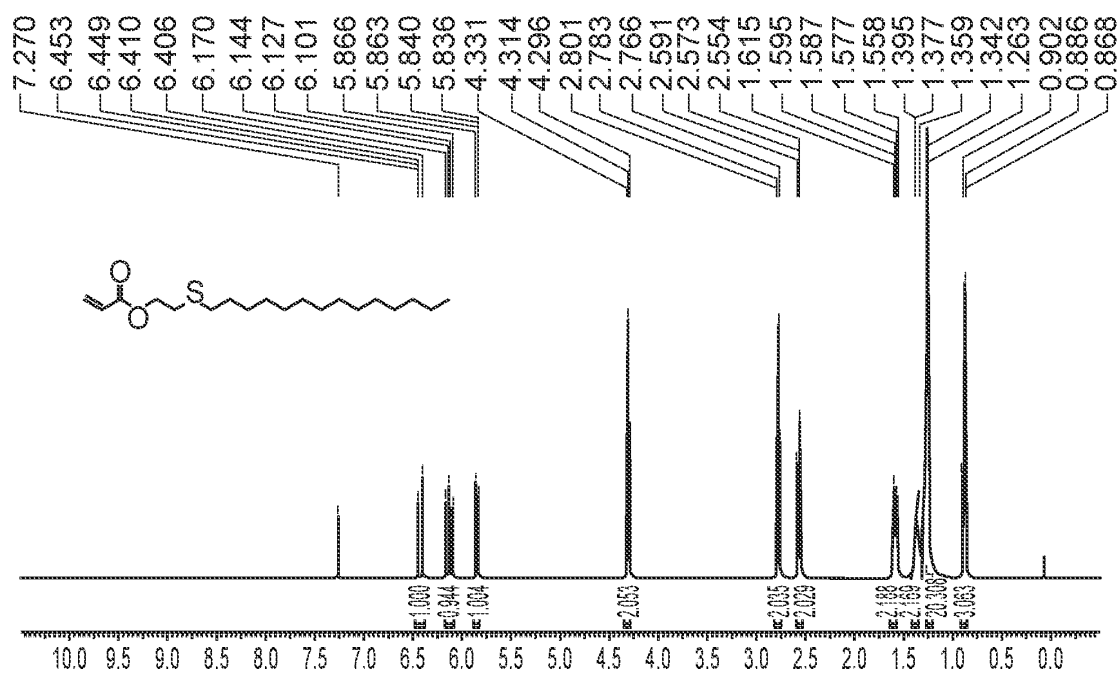
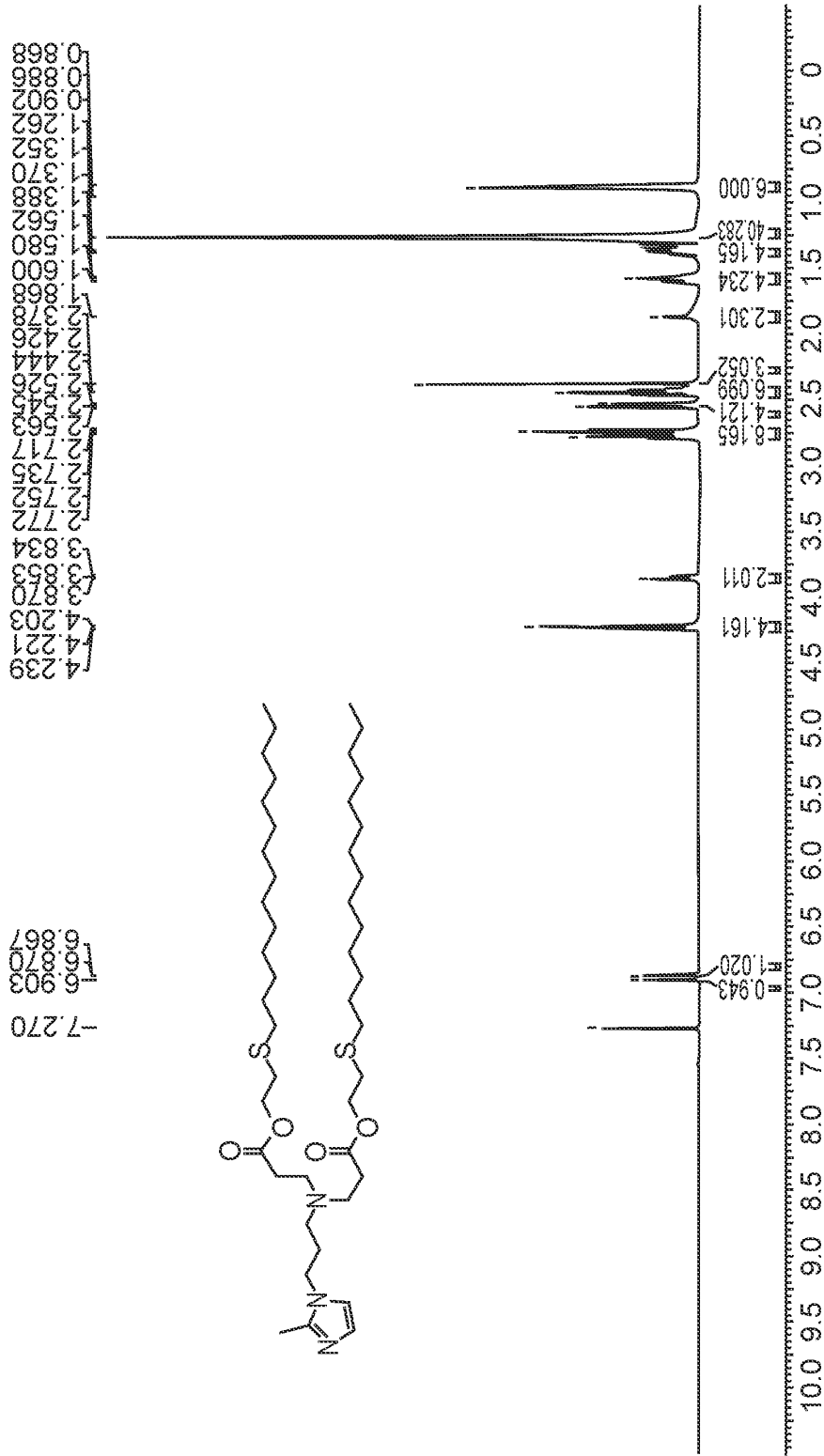
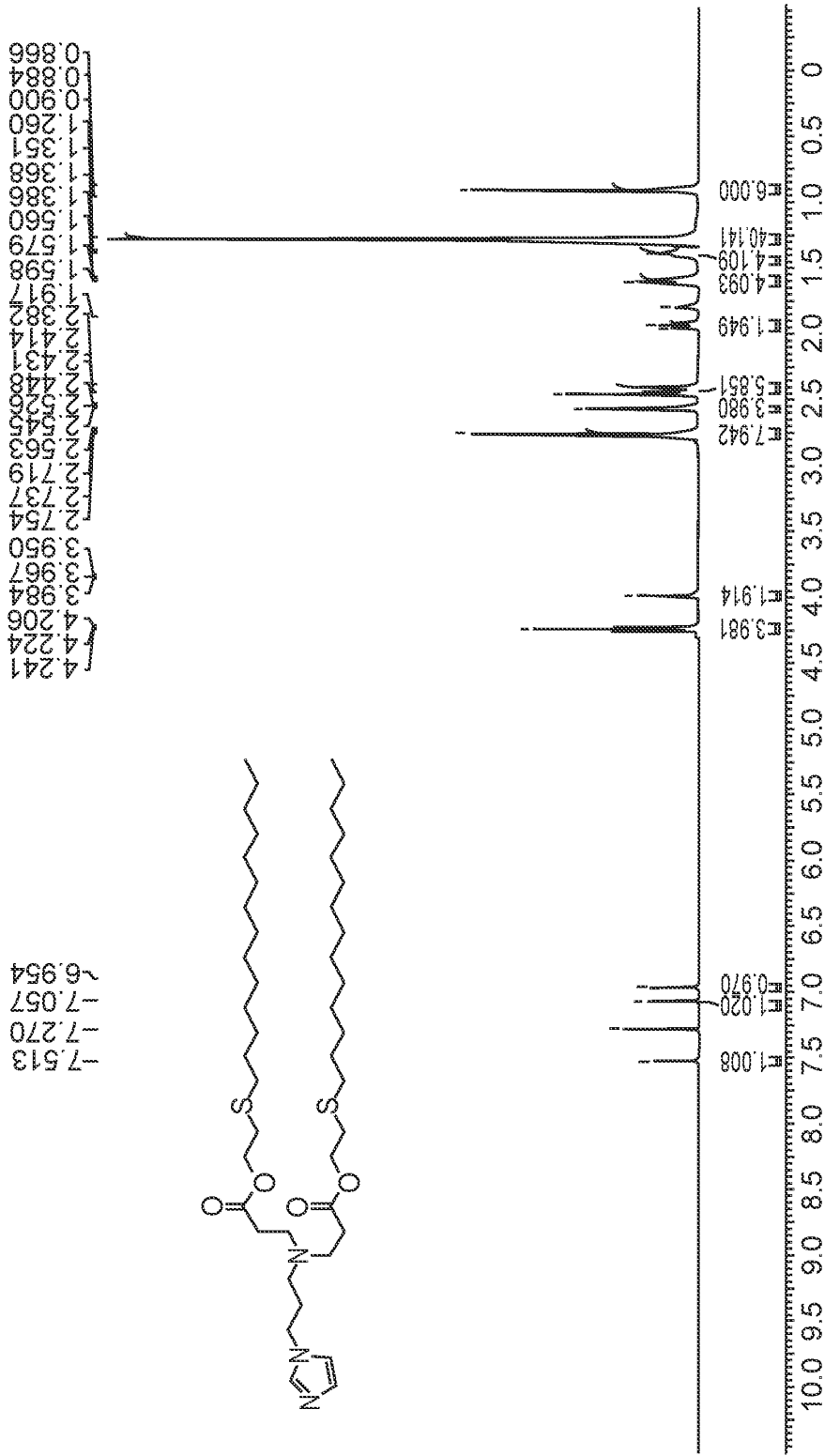


FIG. 28B





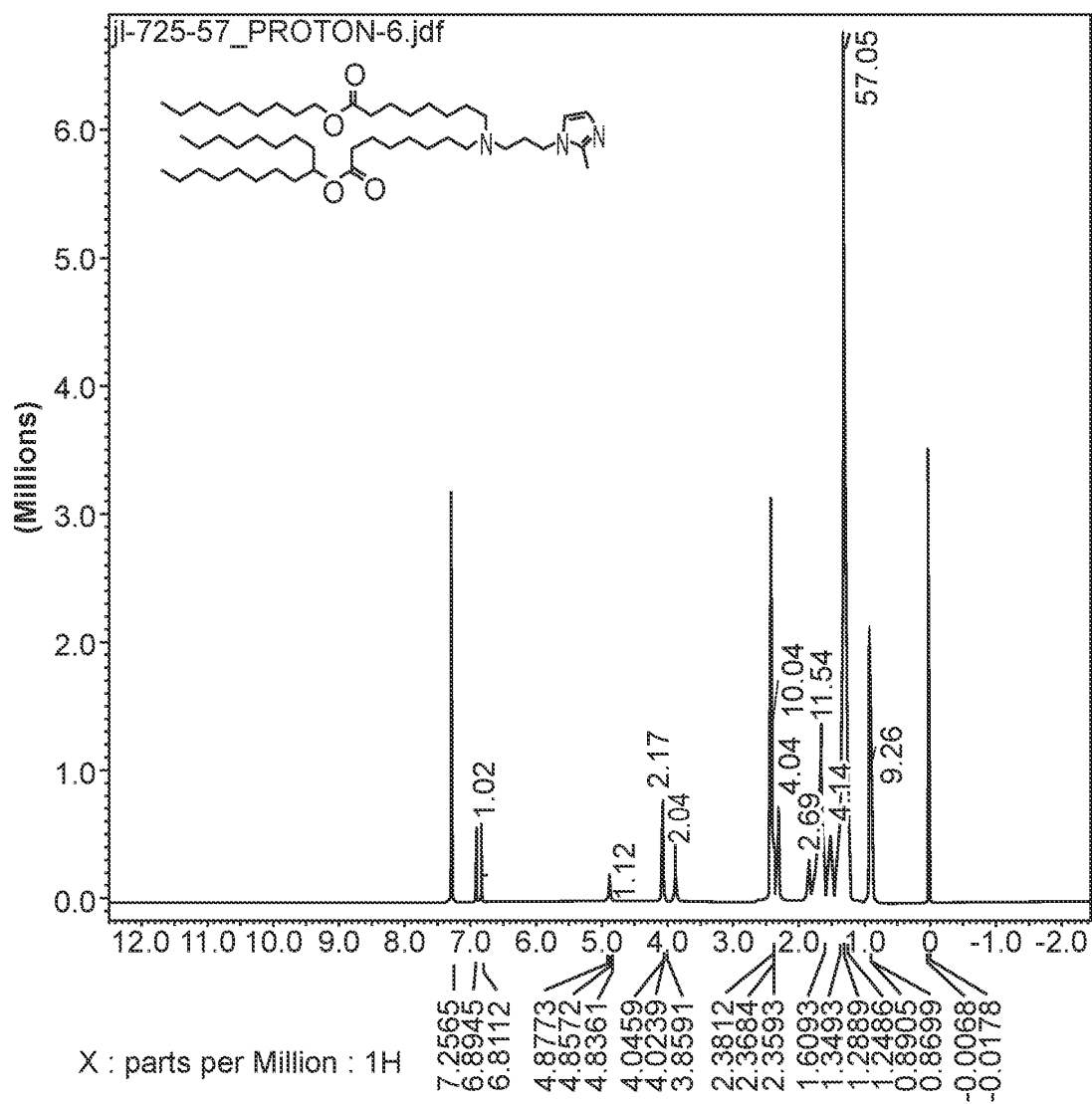


FIG. 30A

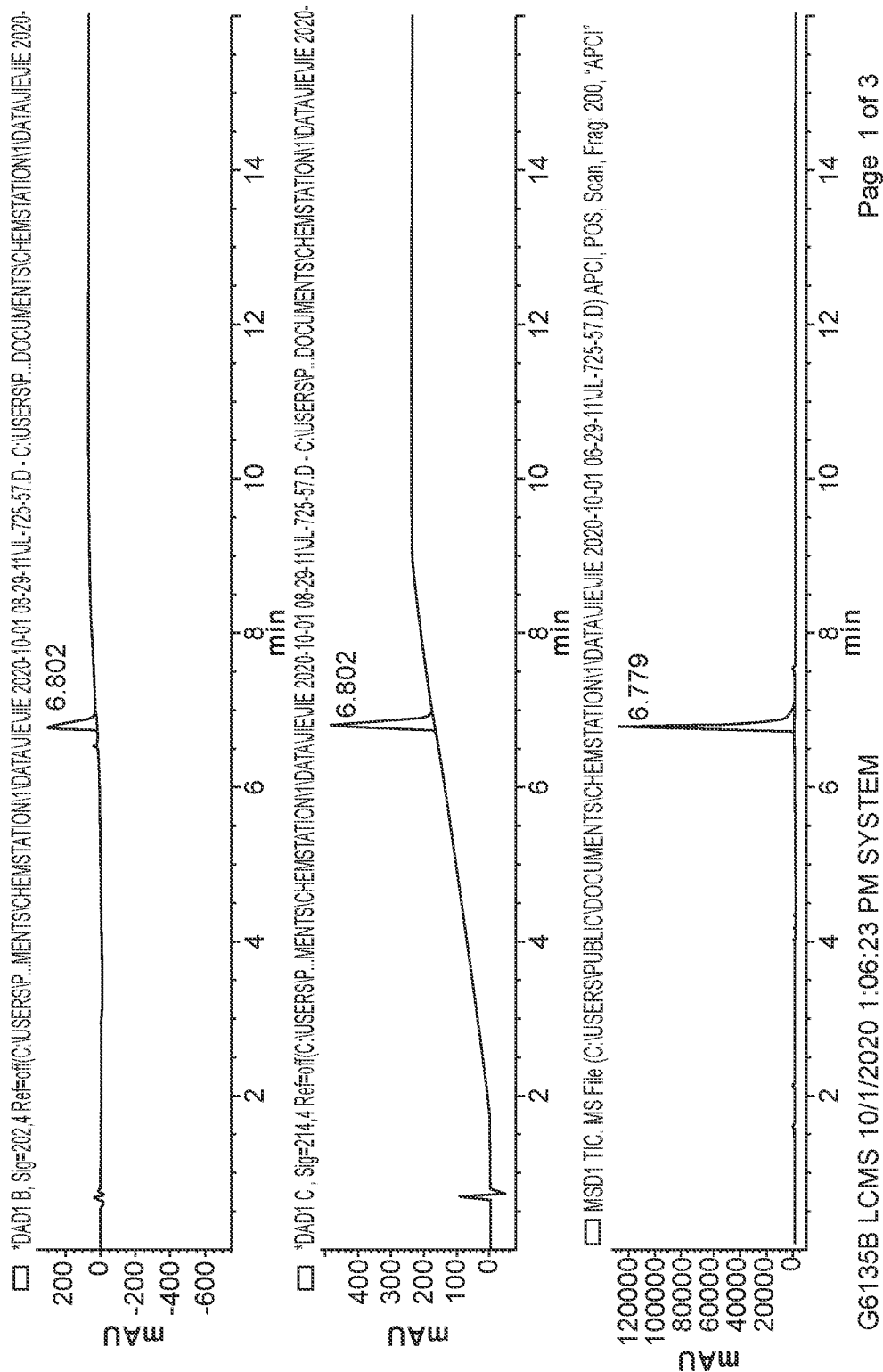


FIG. 30B



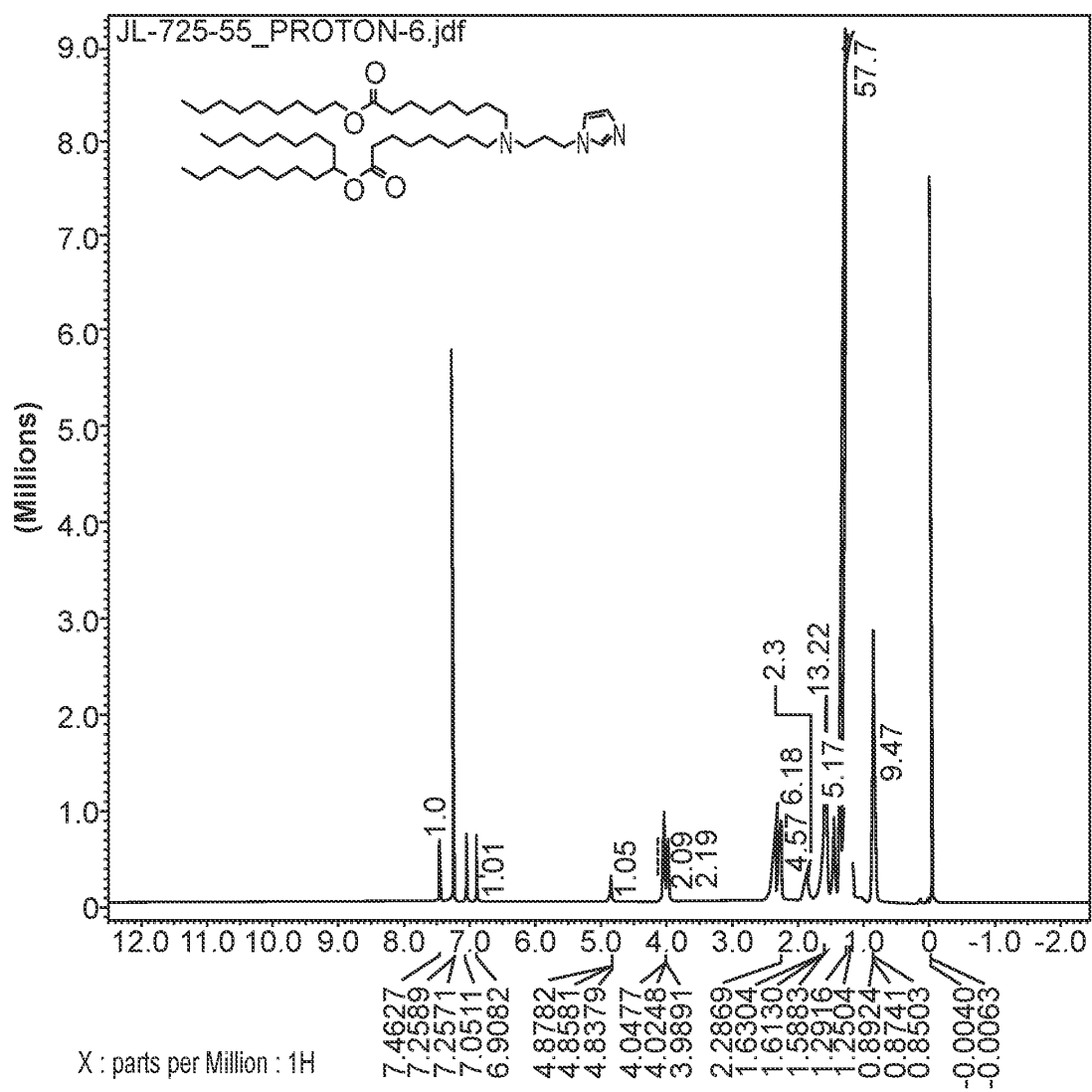


FIG. 31A

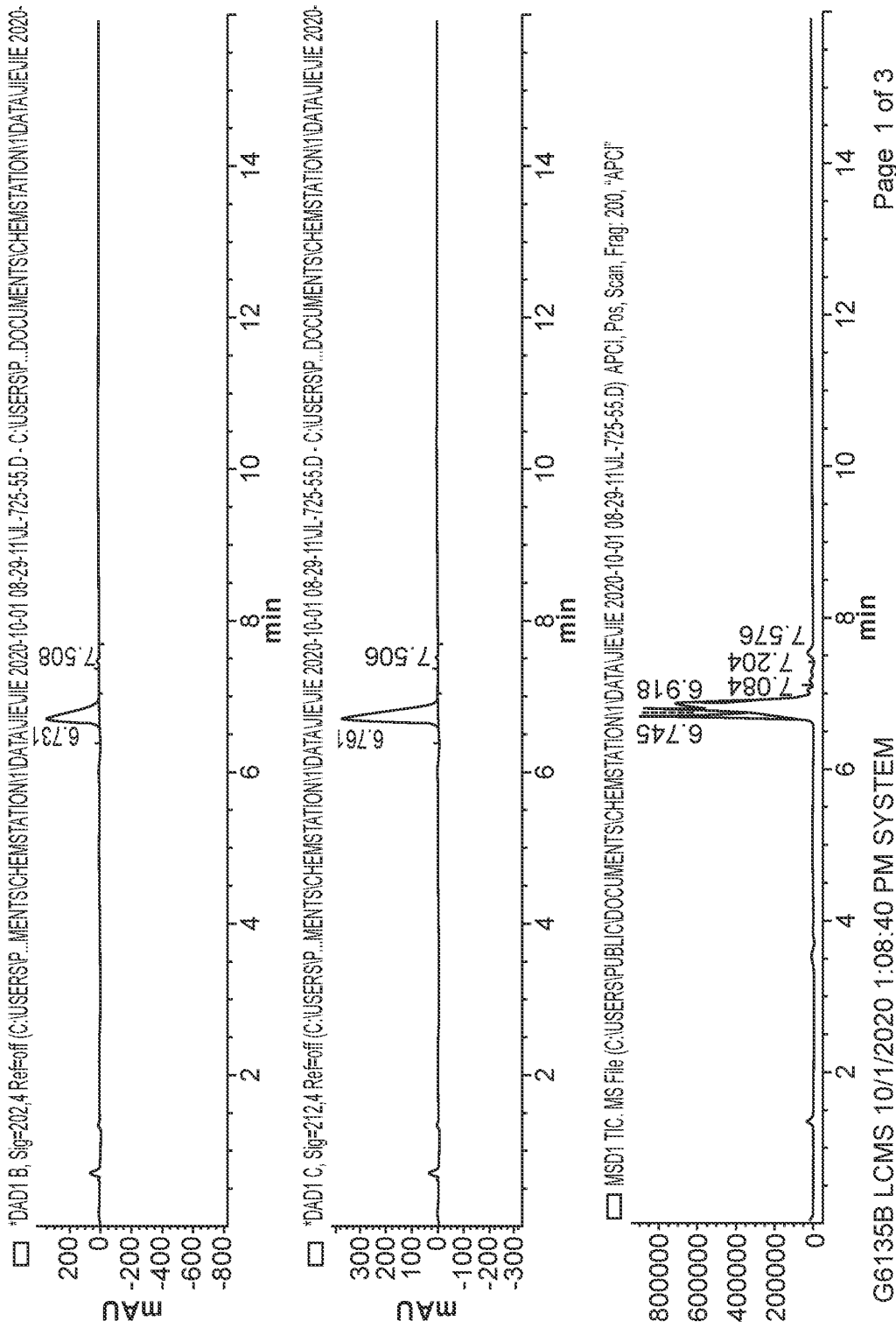


FIG. 31B

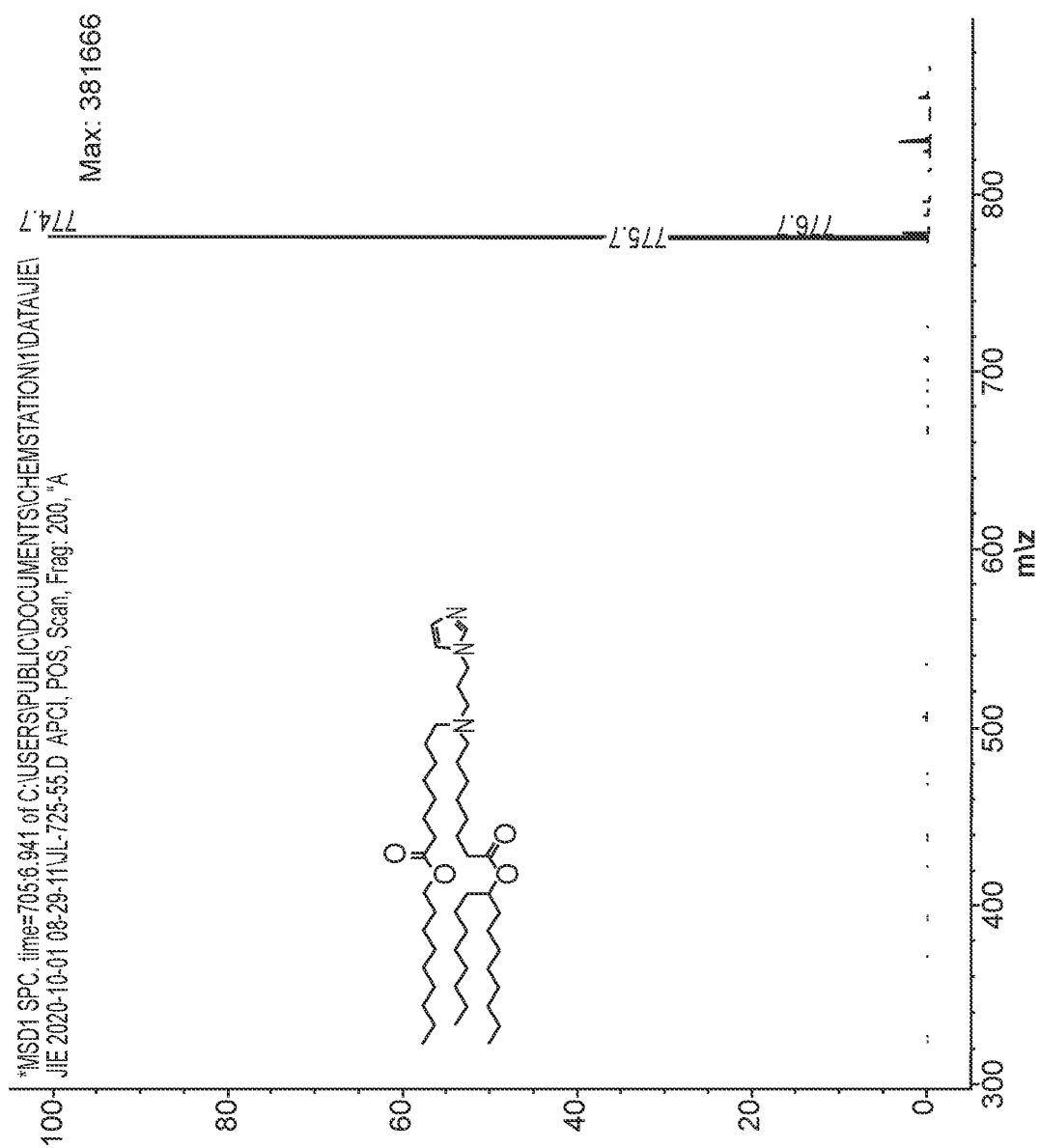


FIG. 31C

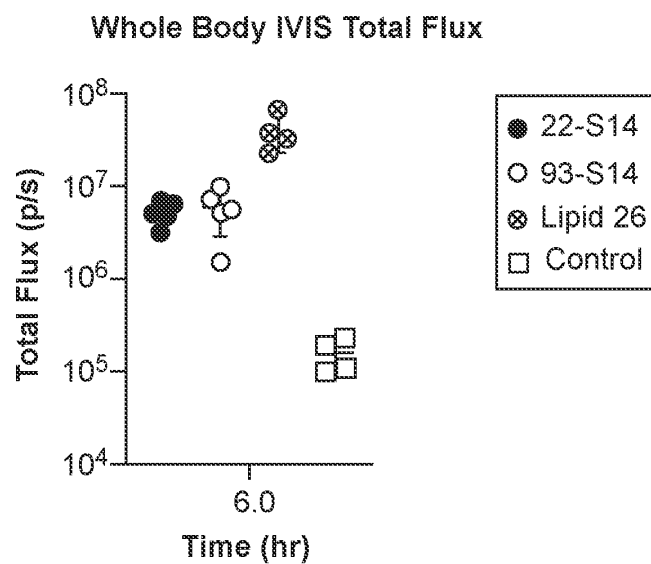


FIG. 32A

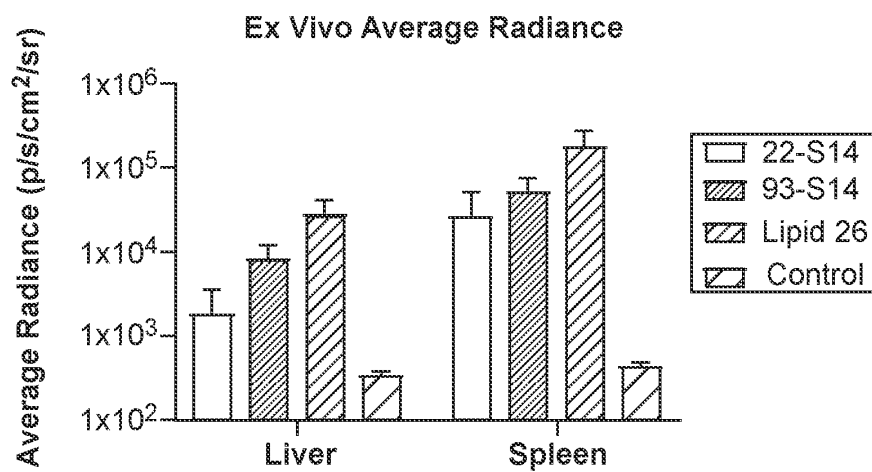
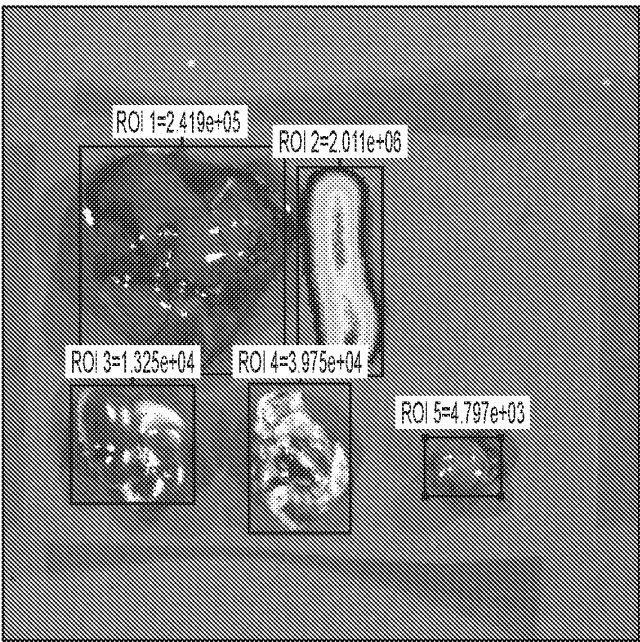
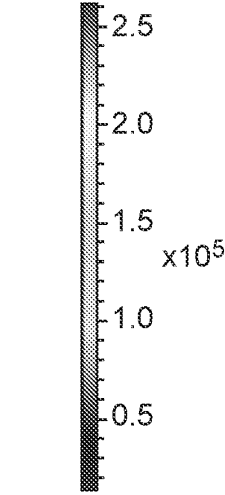


FIG. 32B



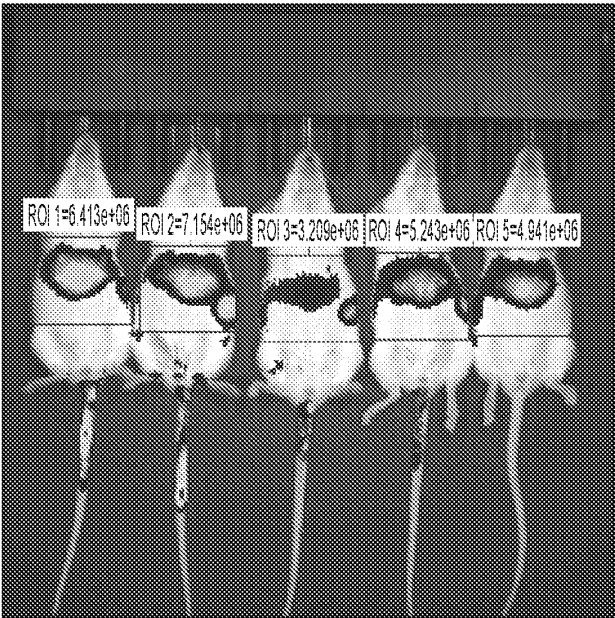
Luminescence



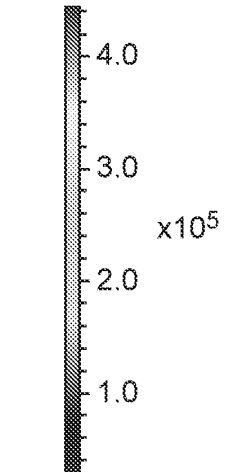
Radiance
(p/sec/cm²/sr)

Color Scale
Min = 1.35e4
Max = 2.61e5

FIG. 33A



Luminescence



Radiance
(p/sec/cm²/sr)

Color Scale
Min = 2.88e4
Max = 4.44e5

FIG. 33B

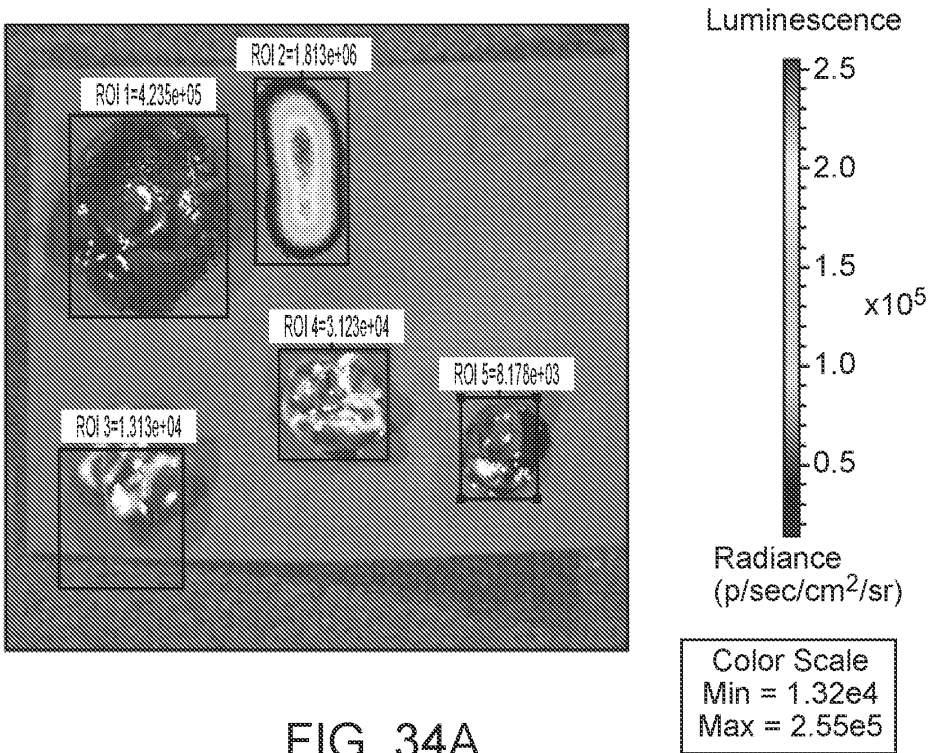


FIG. 34A

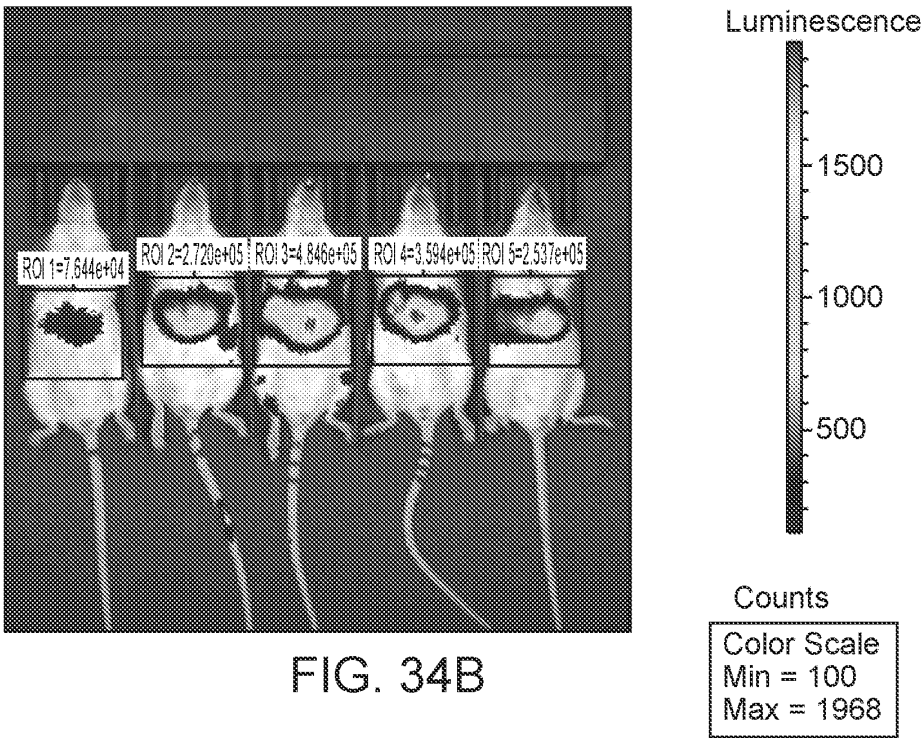
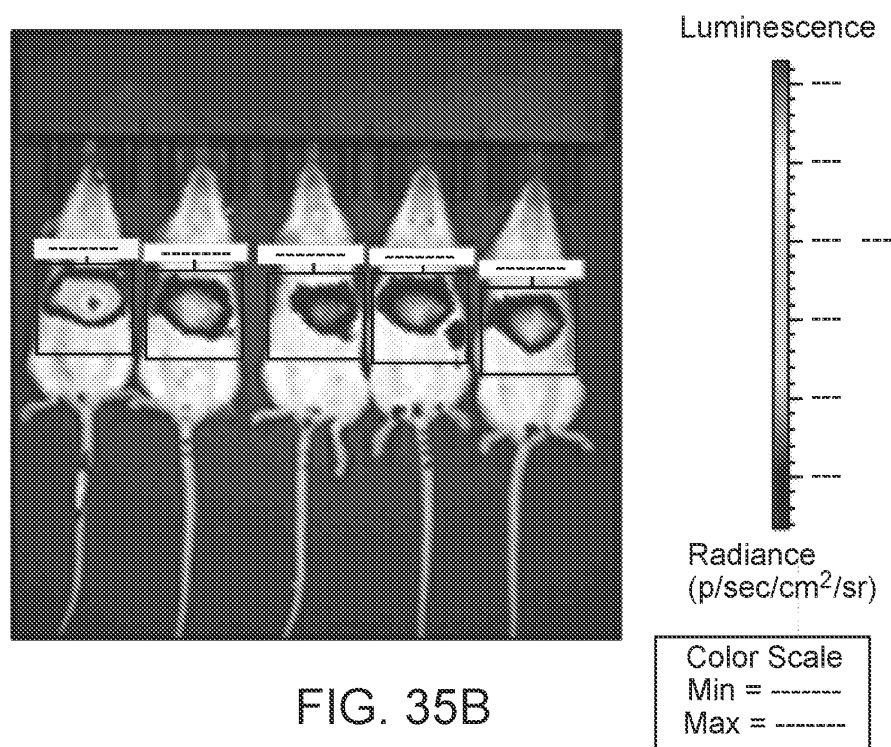
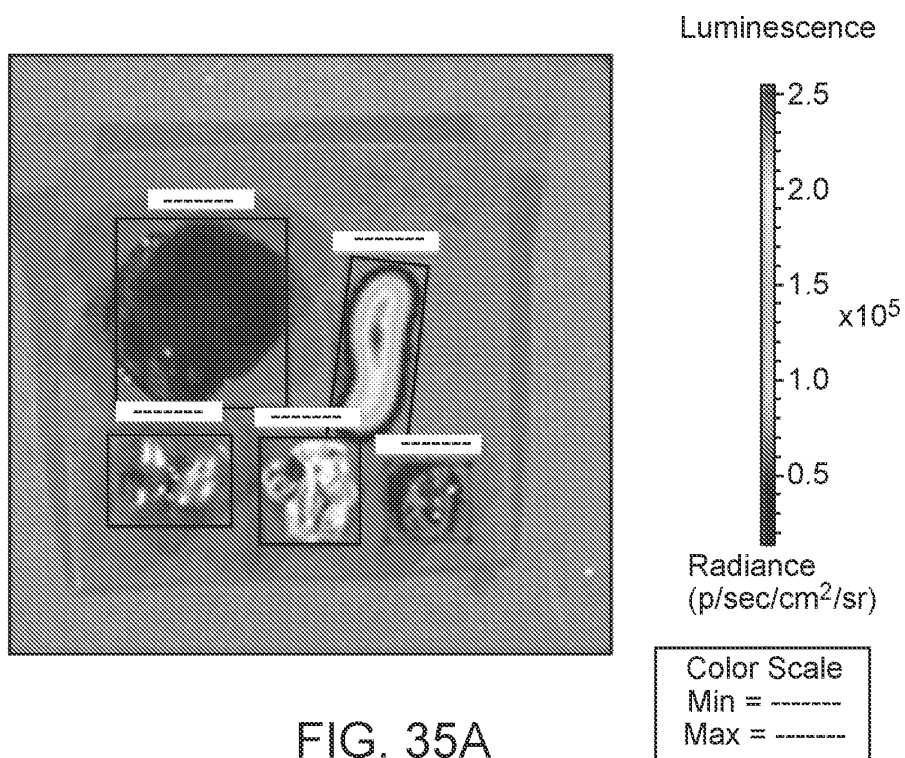


FIG. 34B



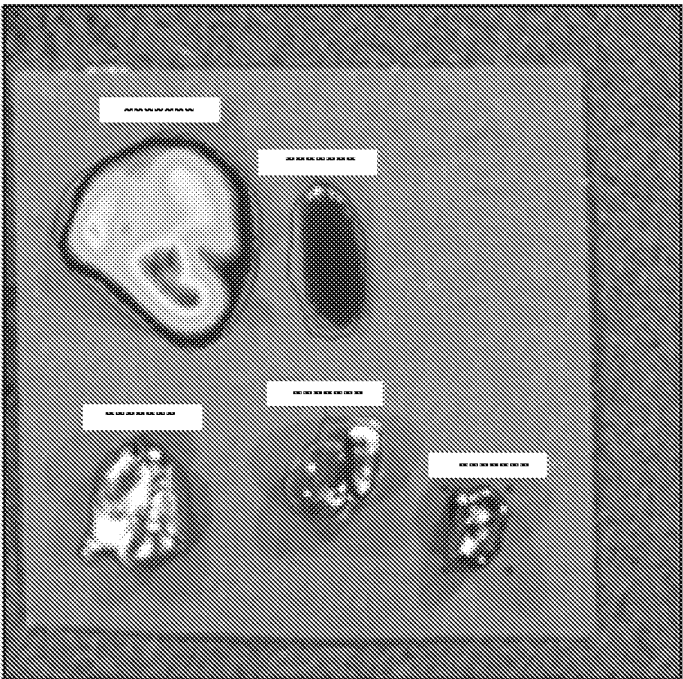


FIG. 36A

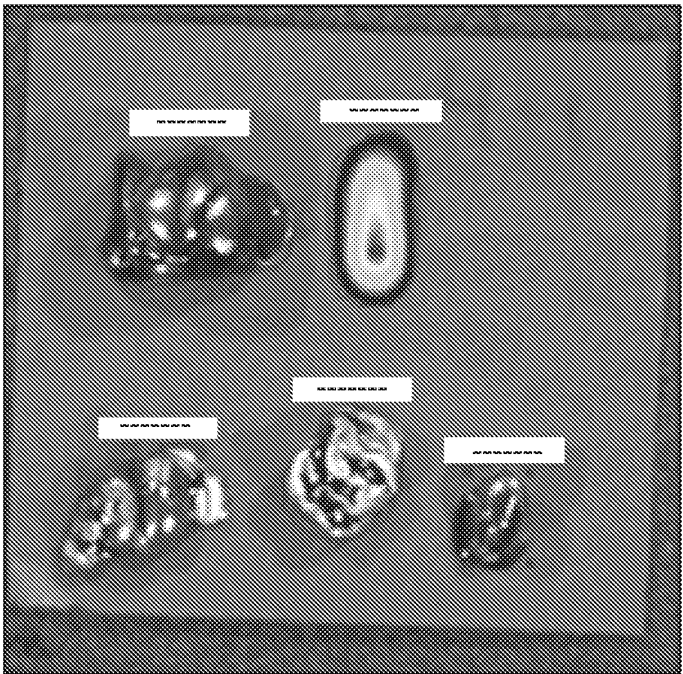
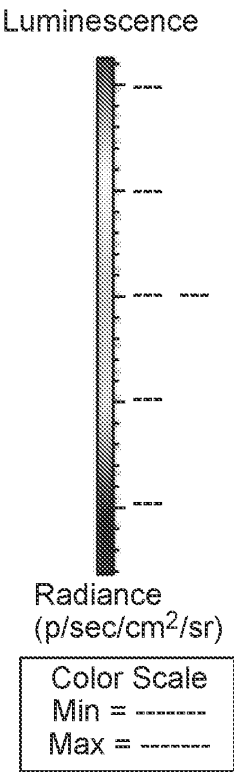
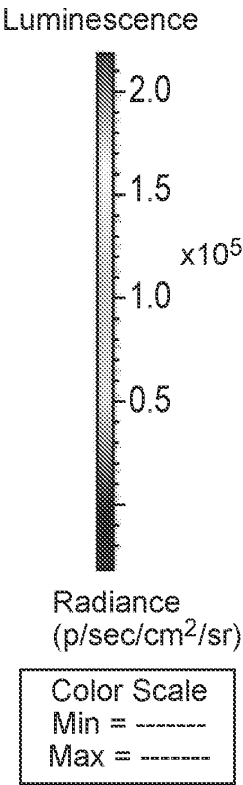
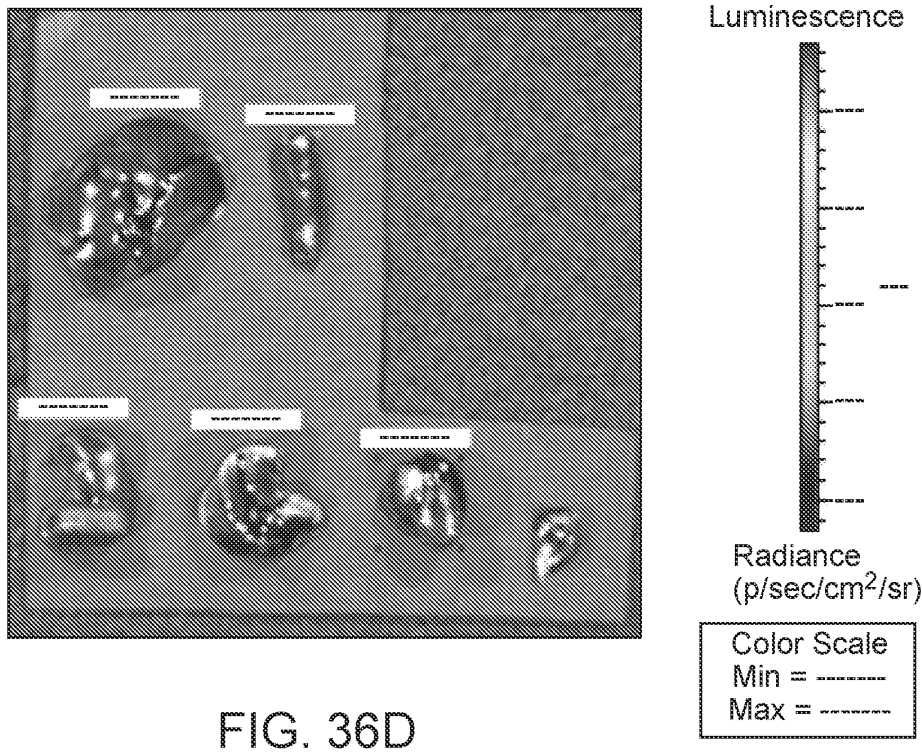
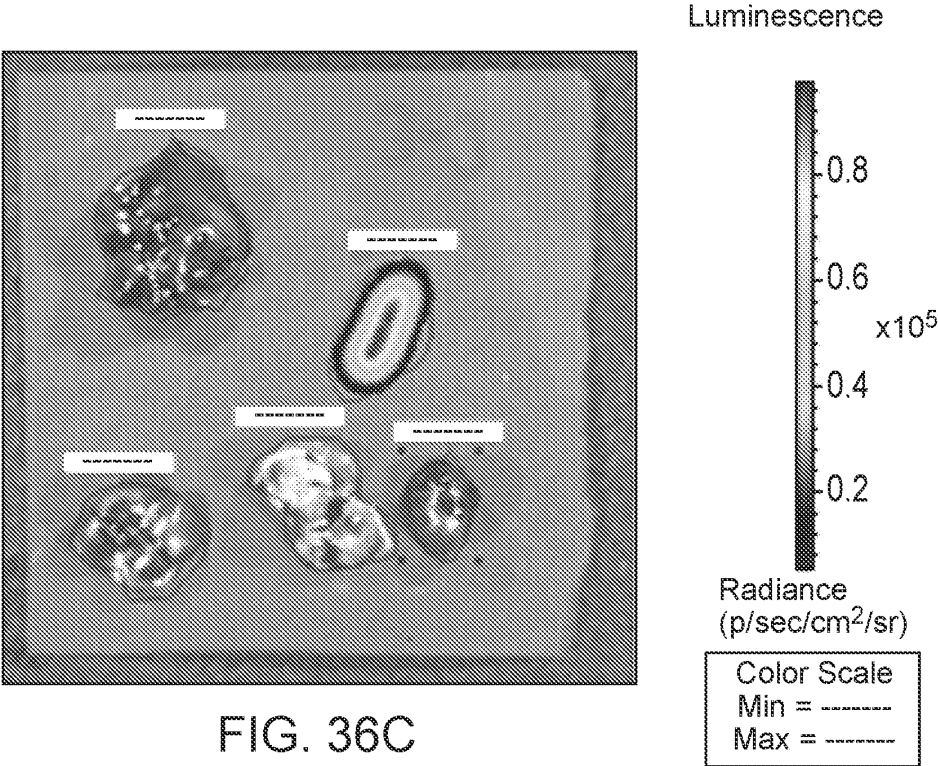


FIG. 36B





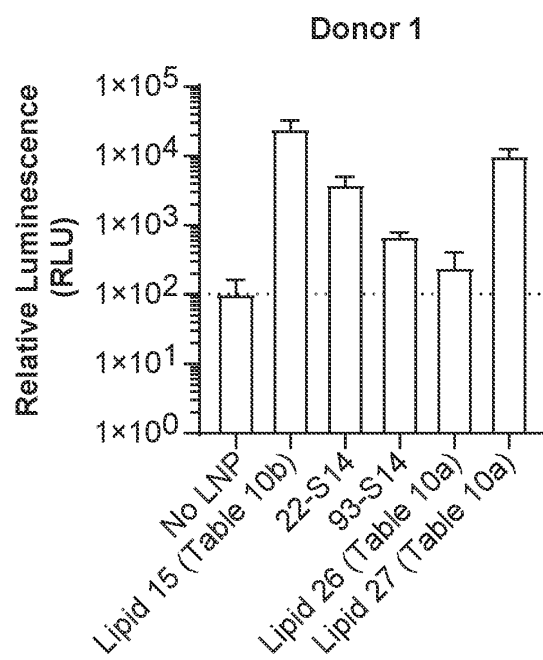


FIG. 37A

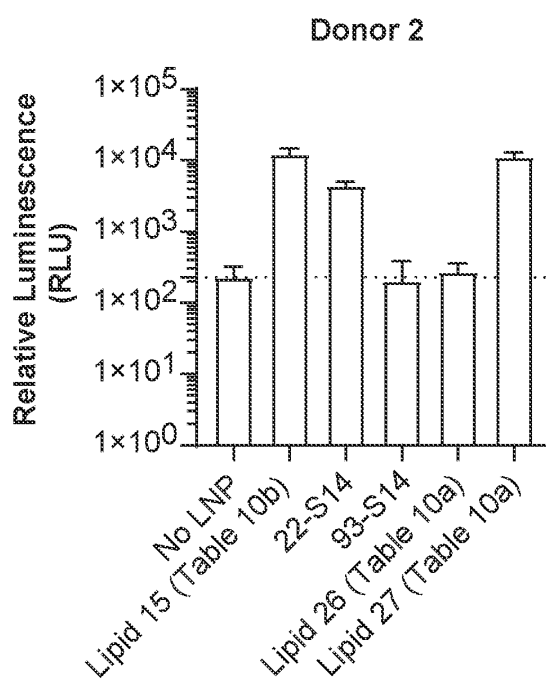


FIG. 37B

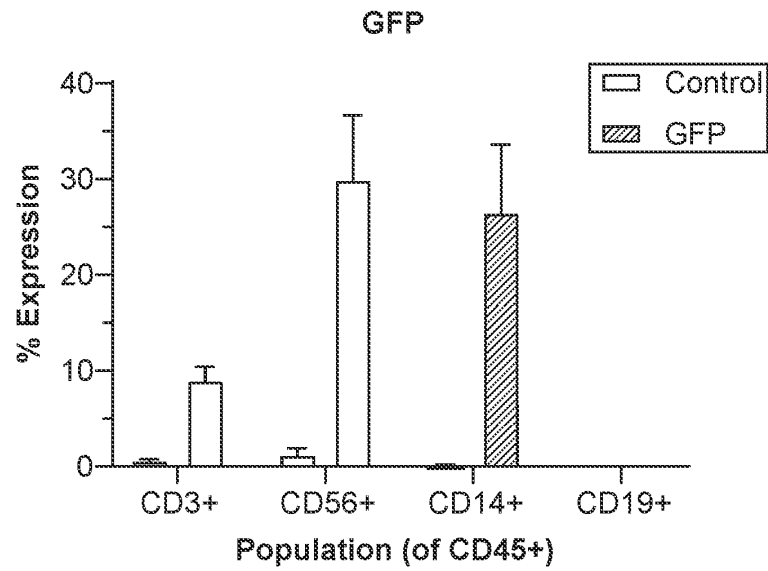


FIG. 38A

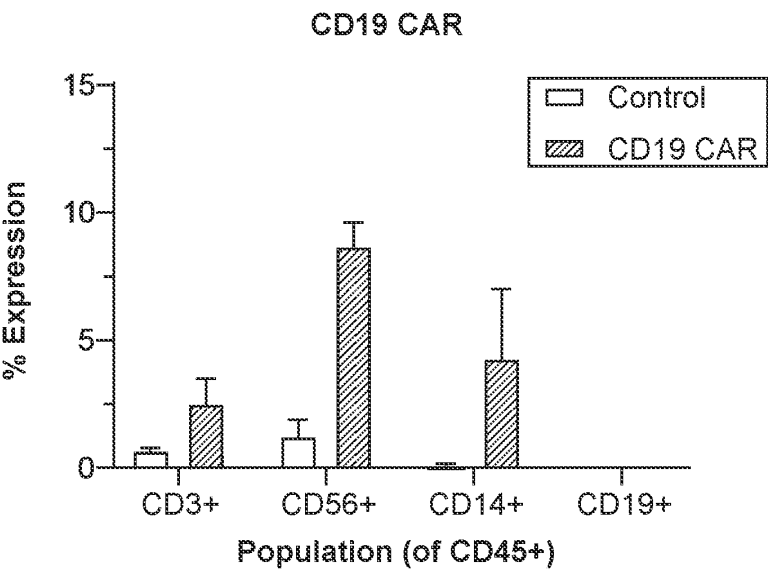


FIG. 38B

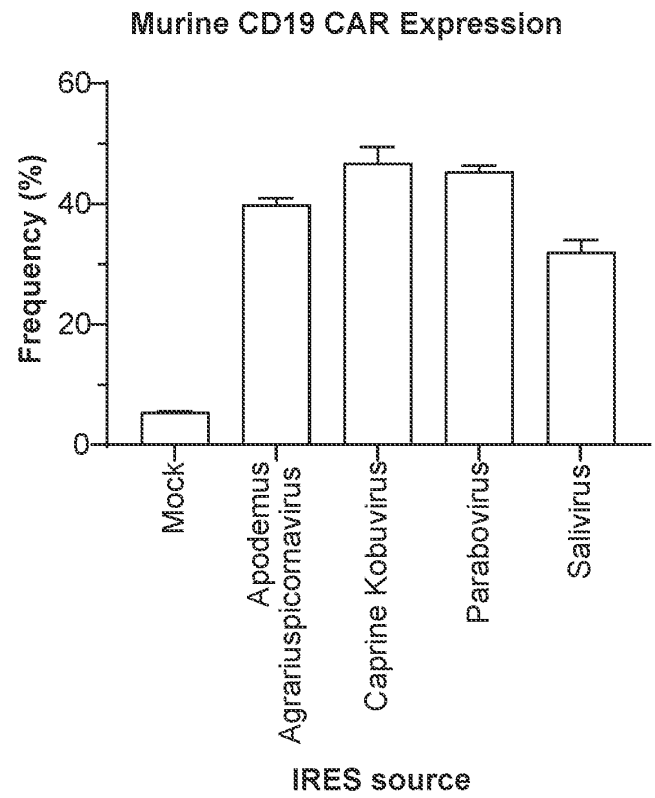


FIG. 39

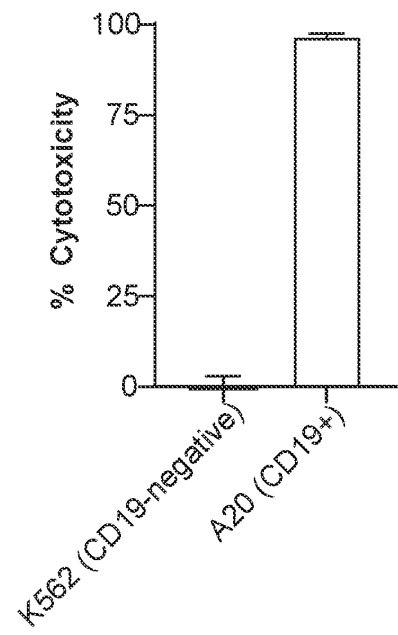


FIG. 40

Day 8 B cell counts in peripheral blood

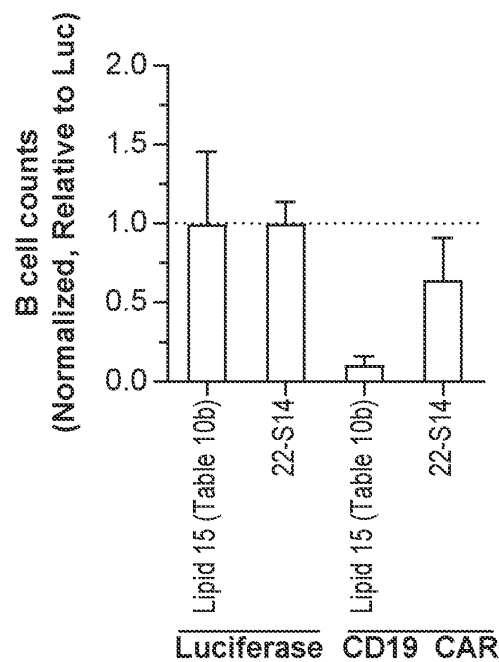


FIG. 41A

Day 12 B cell counts in peripheral blood

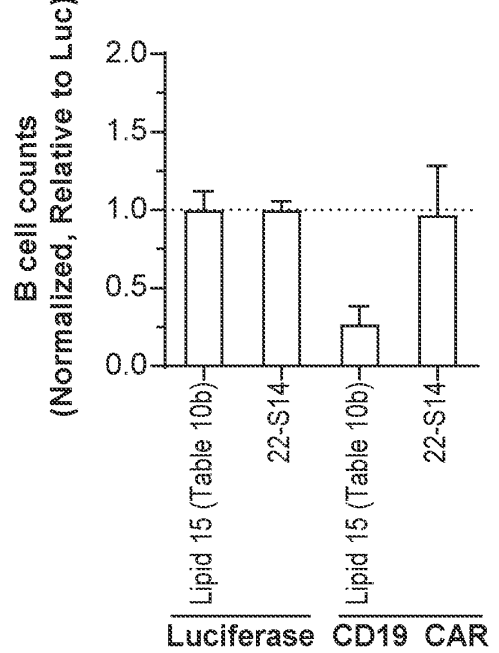


FIG. 41B

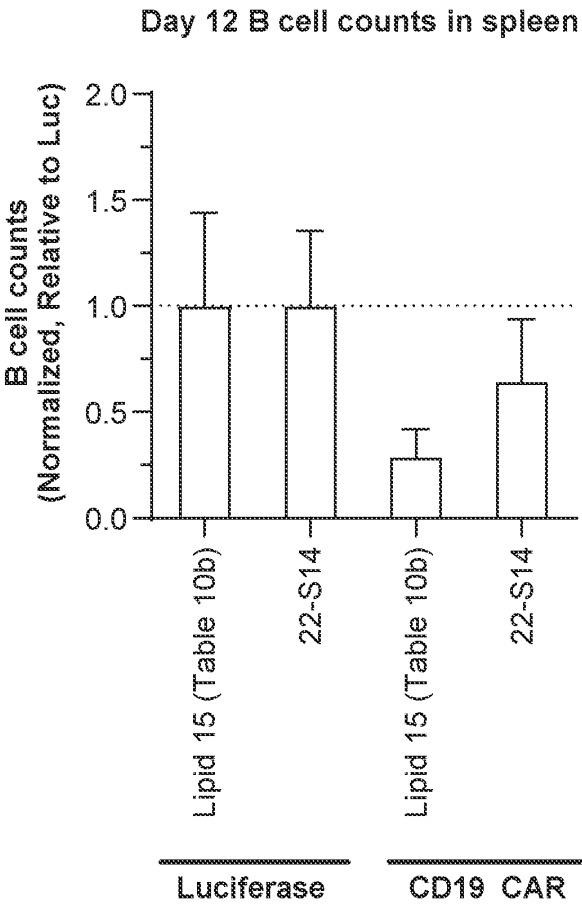


FIG. 41C

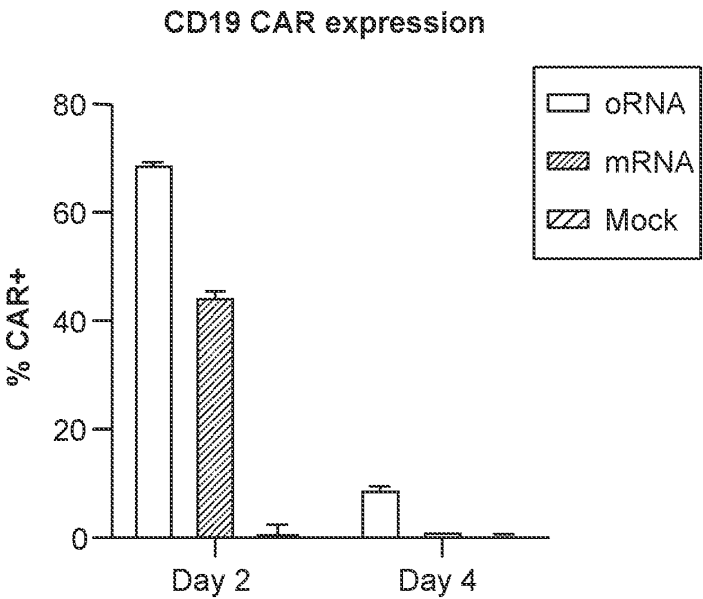


FIG. 42A

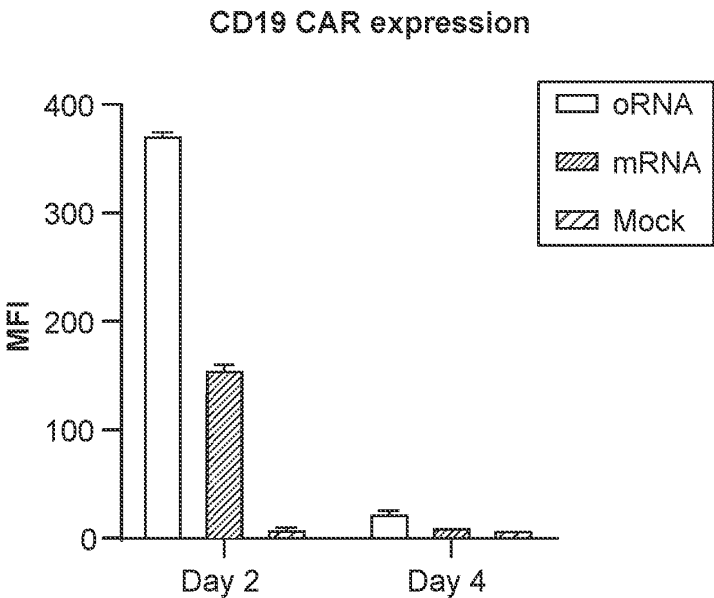


FIG. 42B

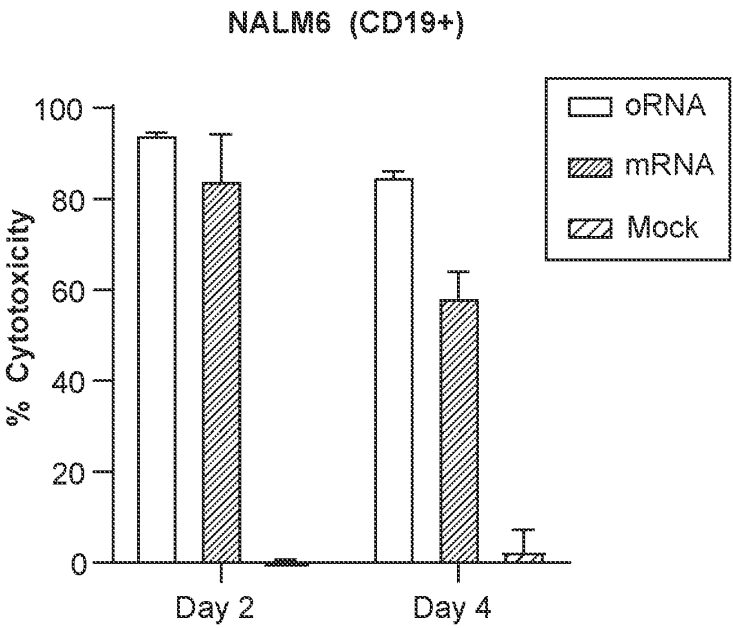


FIG. 43A

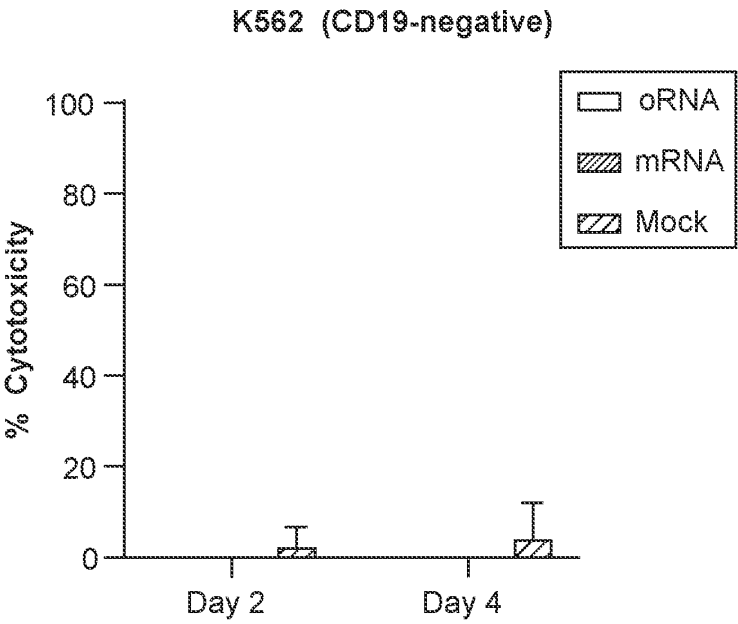


FIG. 43B

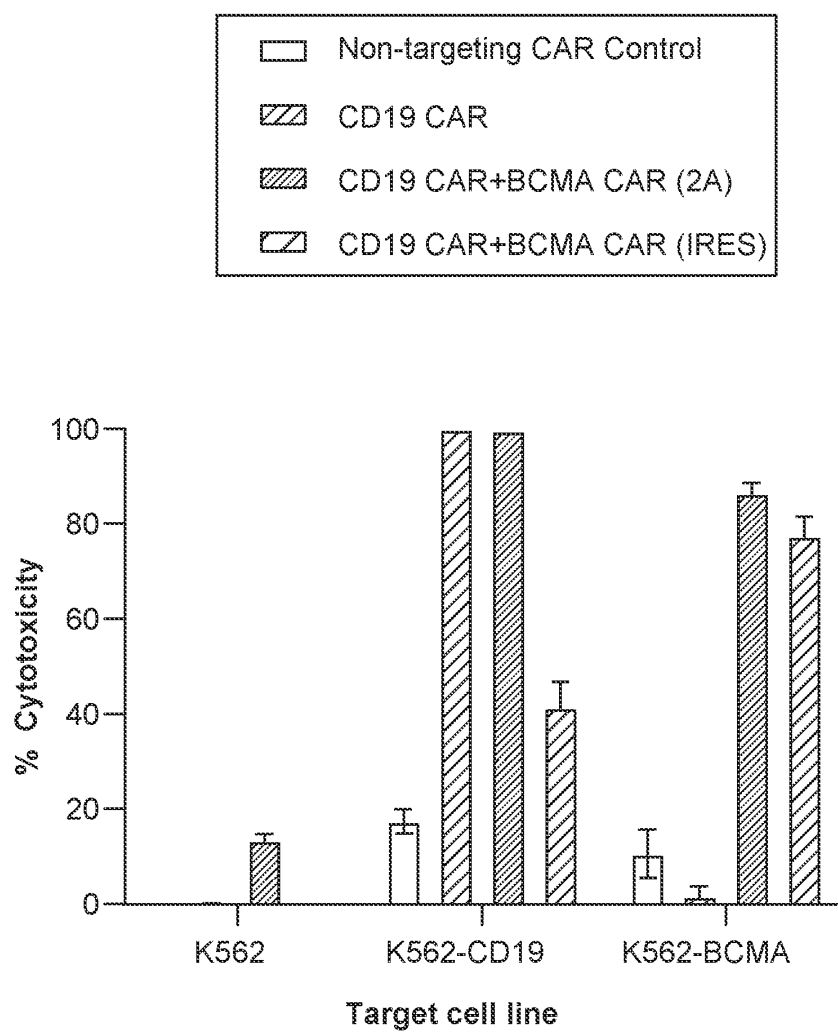


FIG. 44

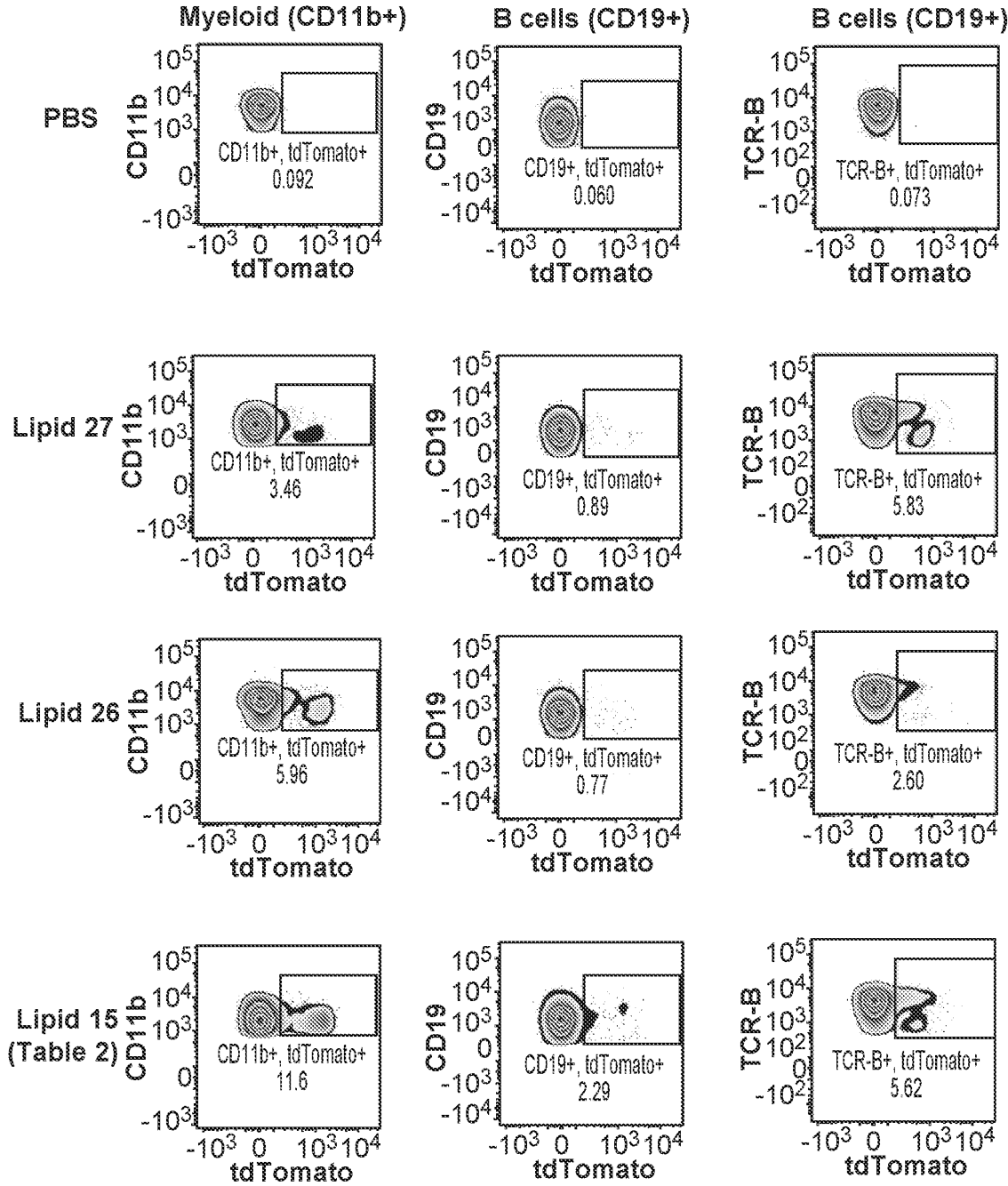


FIG. 45A

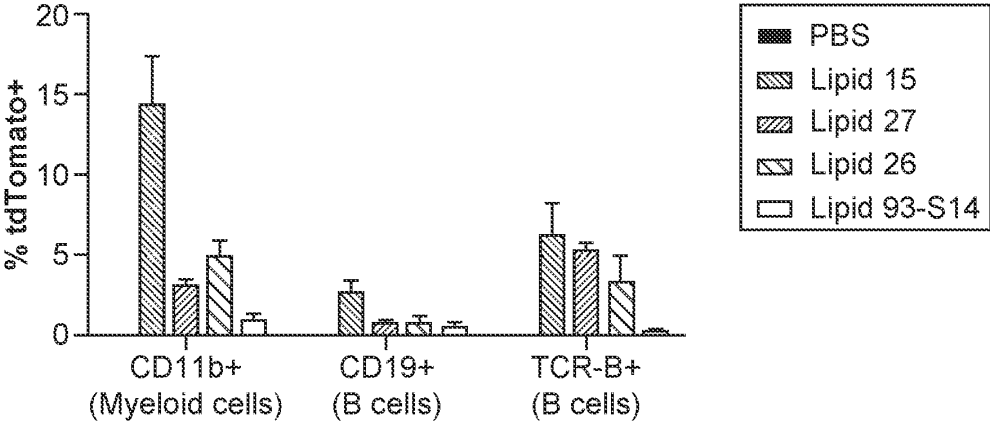


FIG. 45B

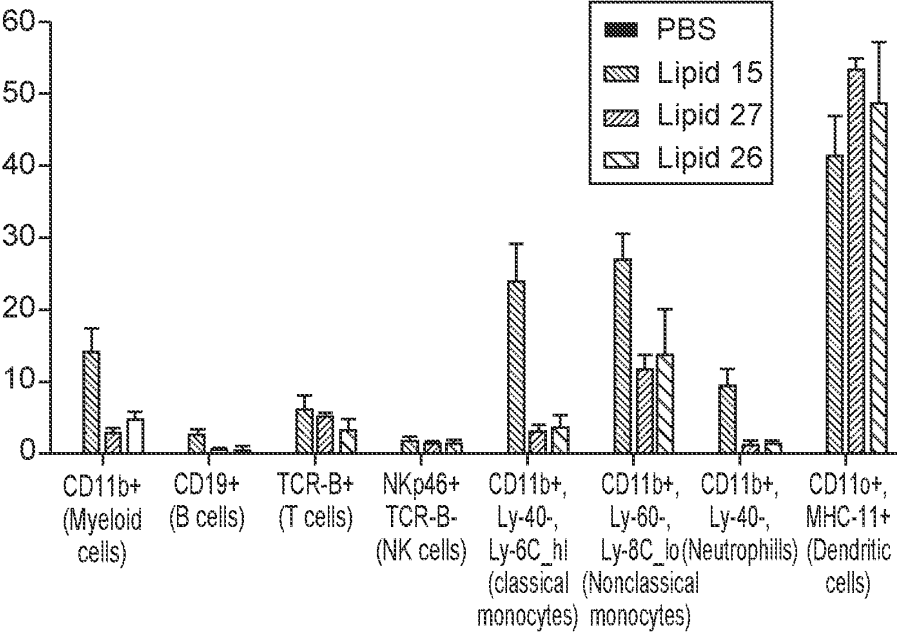


FIG. 45C

pA	S	3' Intron	IH	S	IRES	gLuc			S	IH	5' Intron	S	pA
----	---	-----------	----	---	------	------	--	--	---	----	-----------	---	----

FIG. 46A

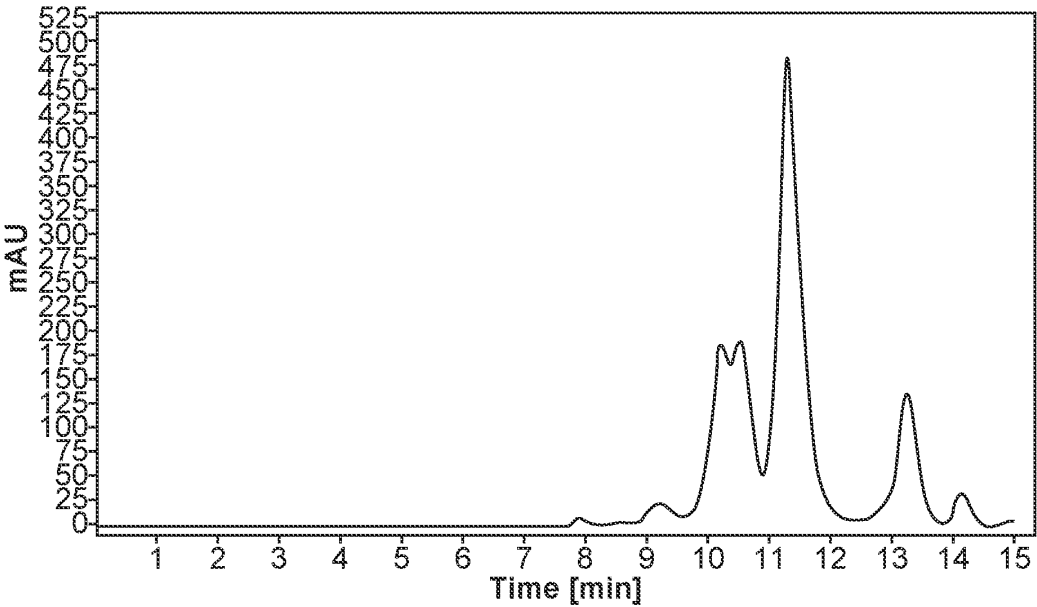


FIG. 46B

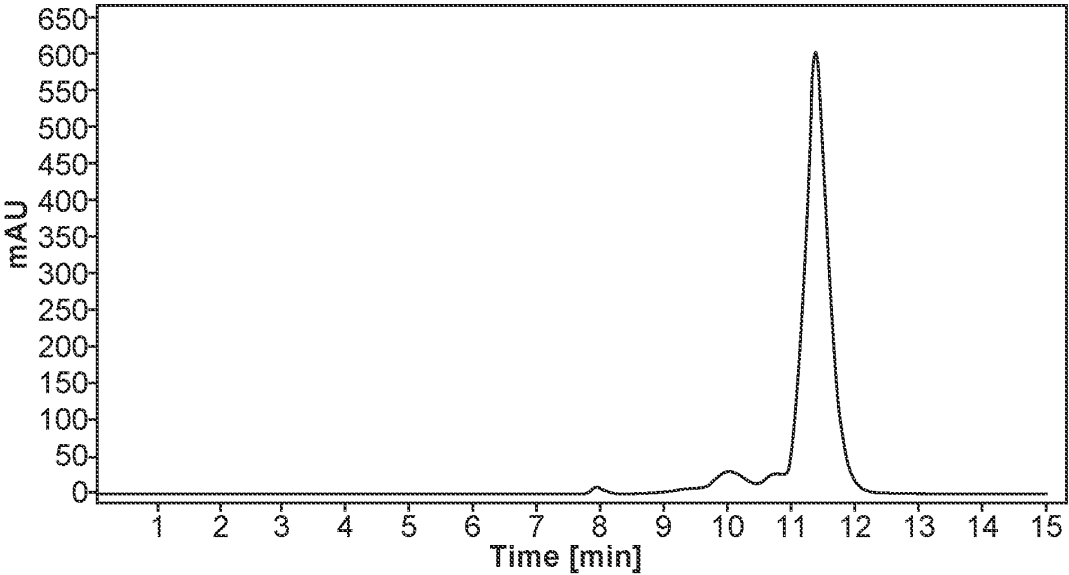


FIG. 46C

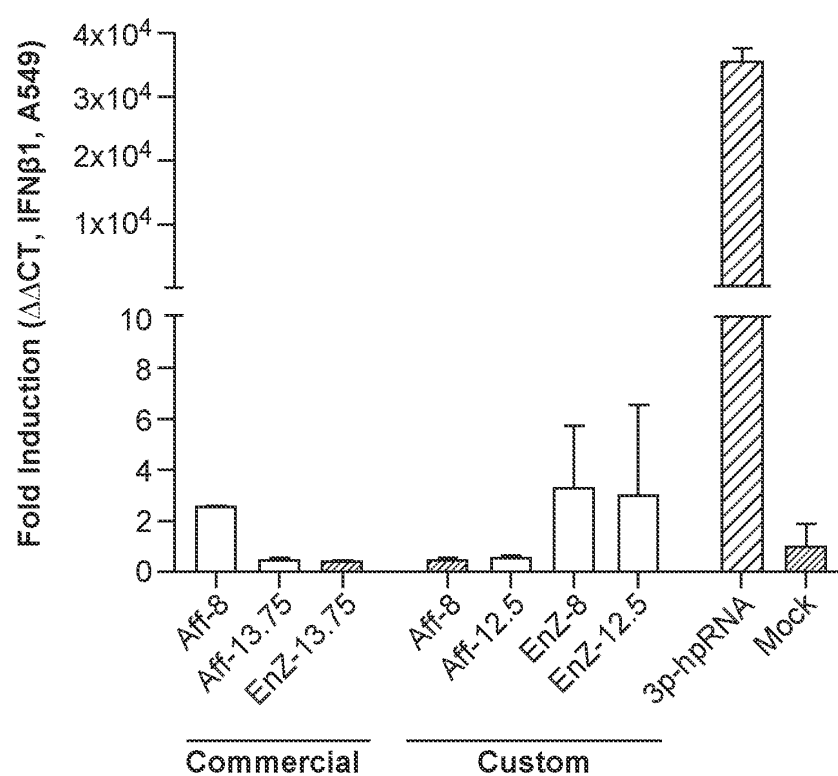


FIG. 46D

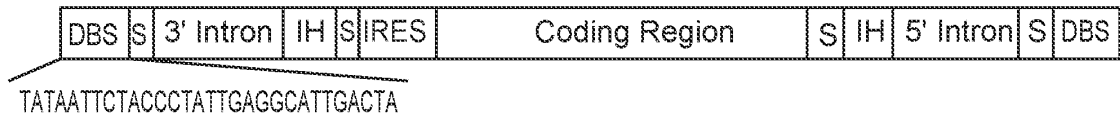


FIG. 47A

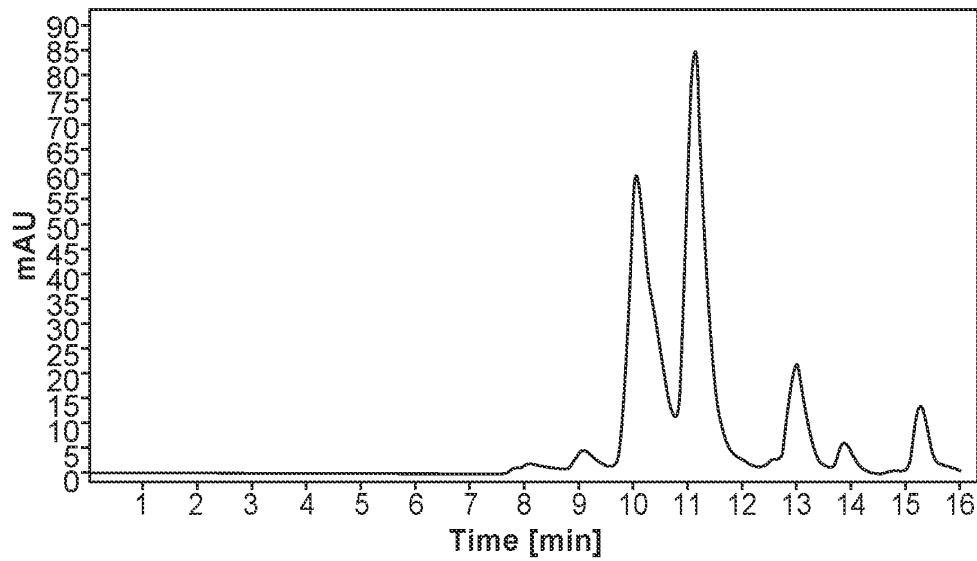


FIG. 47B

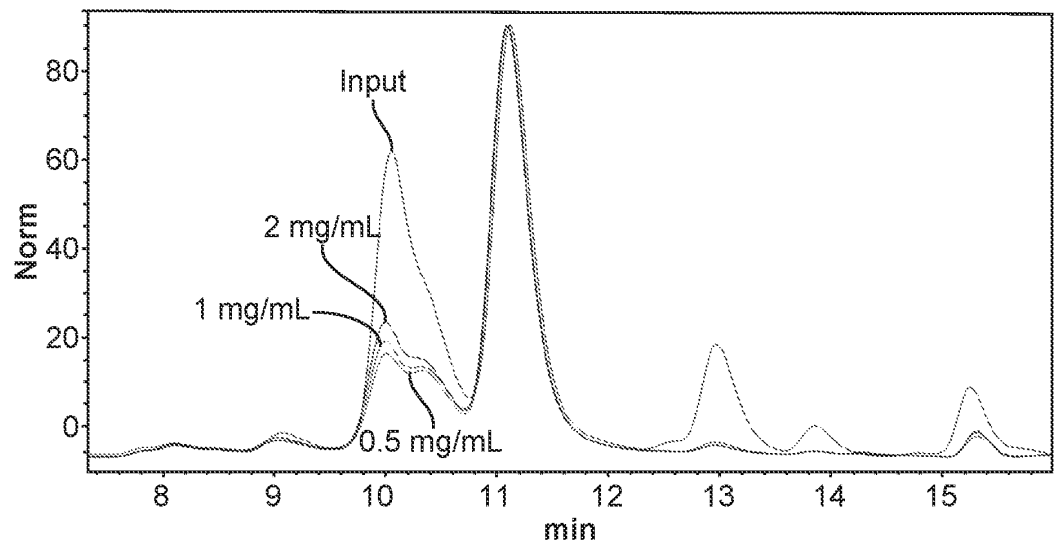


FIG. 47C

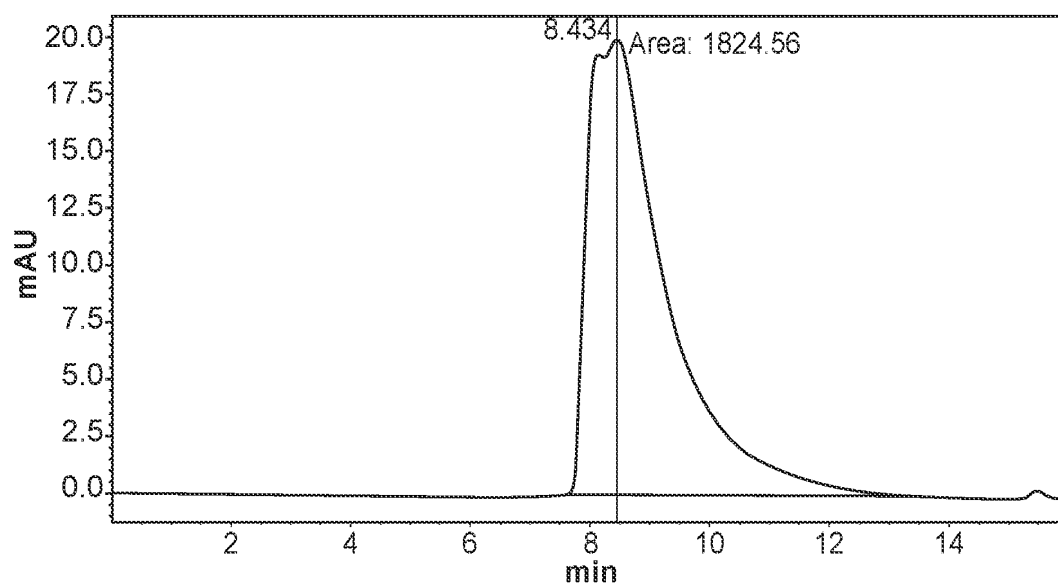


FIG. 48A

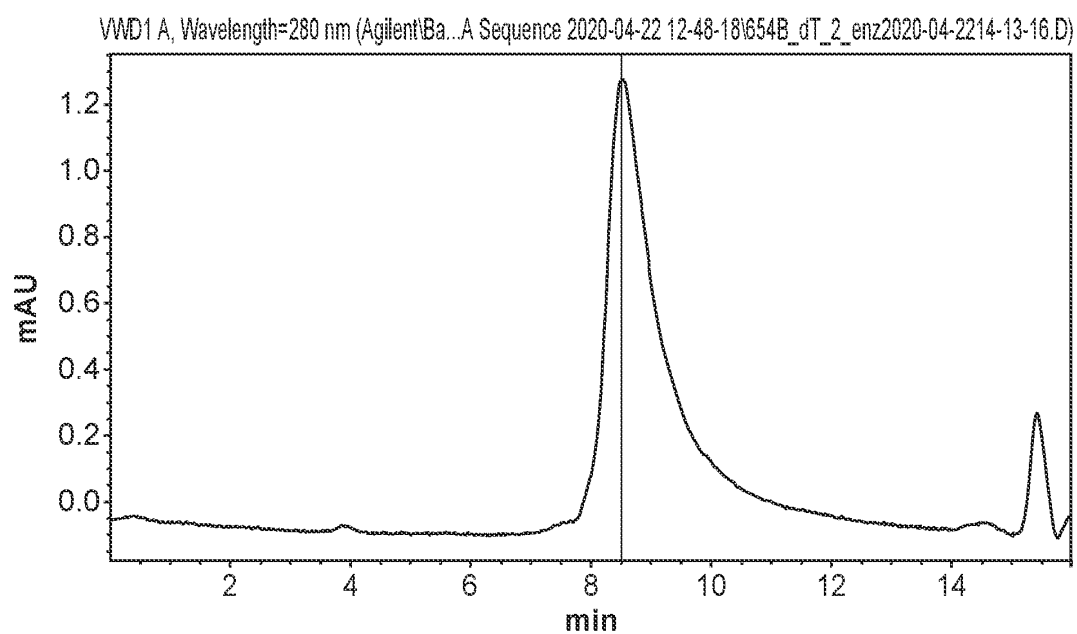


FIG. 48B

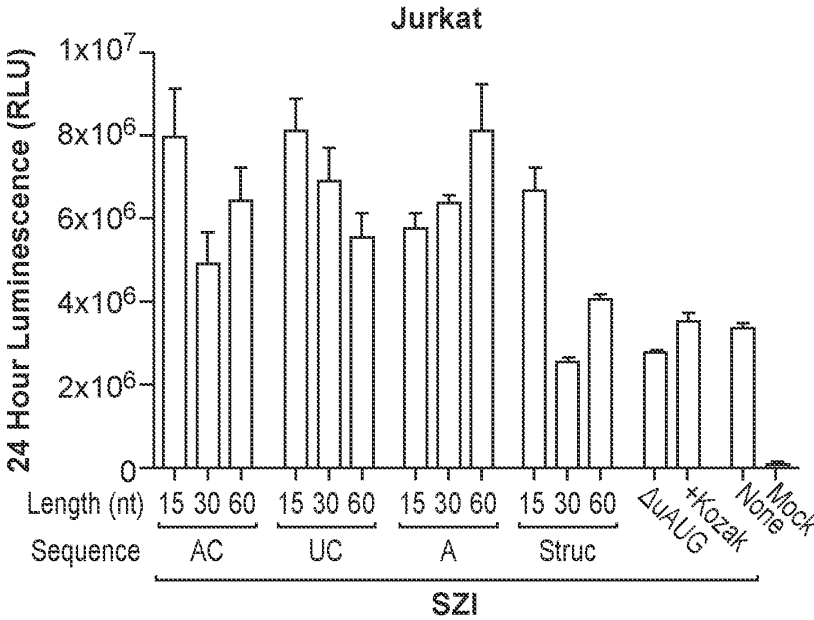


FIG. 49A

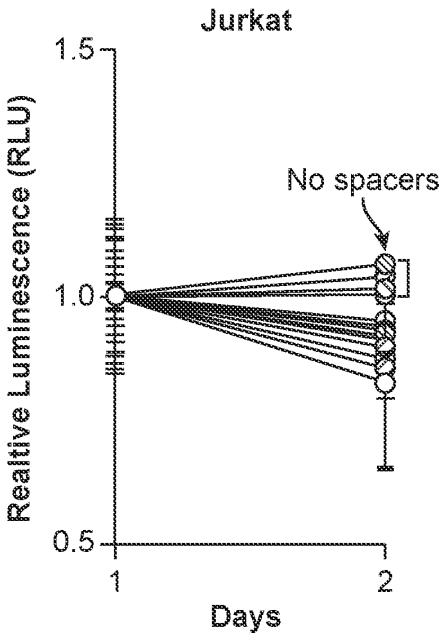


FIG. 49B

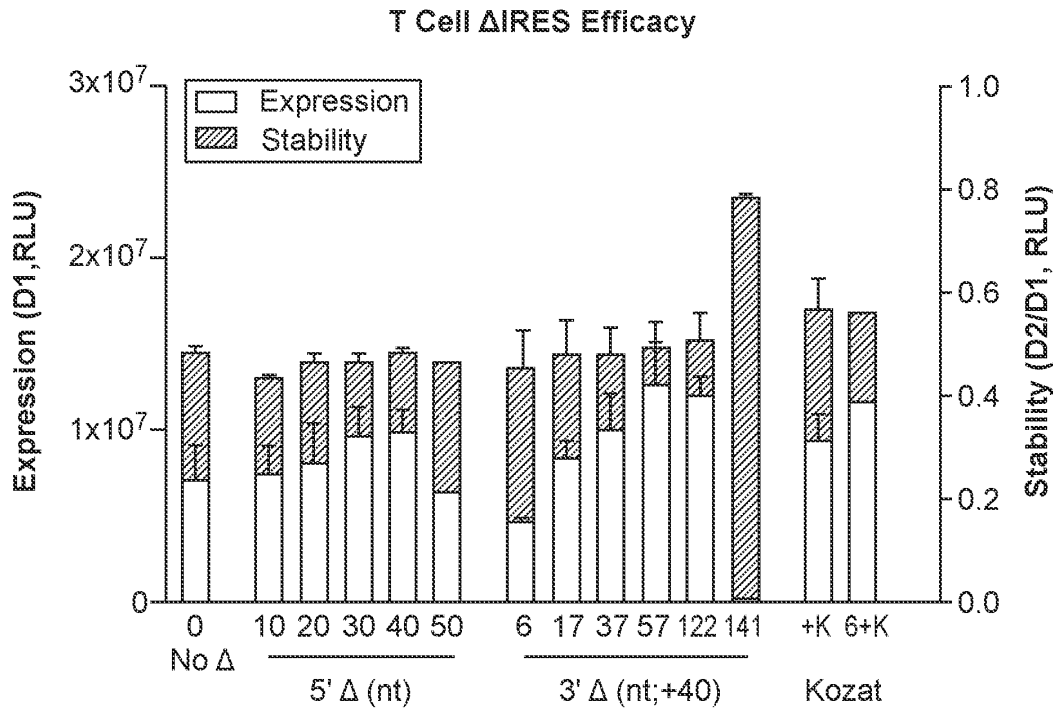


FIG. 50

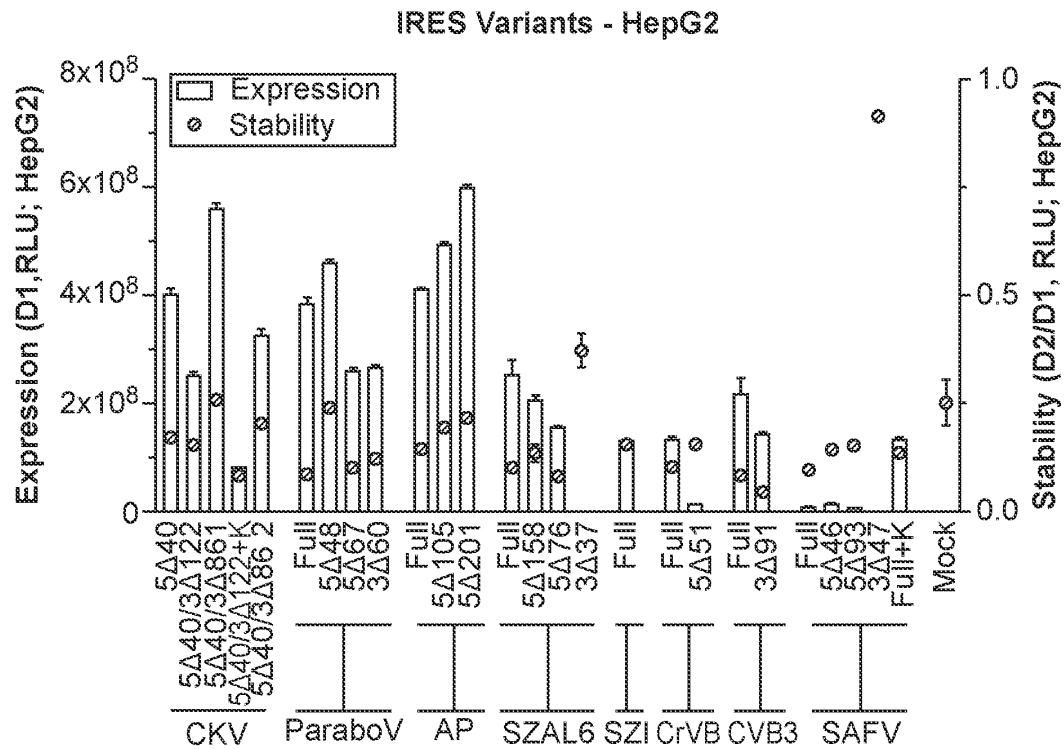


FIG. 51

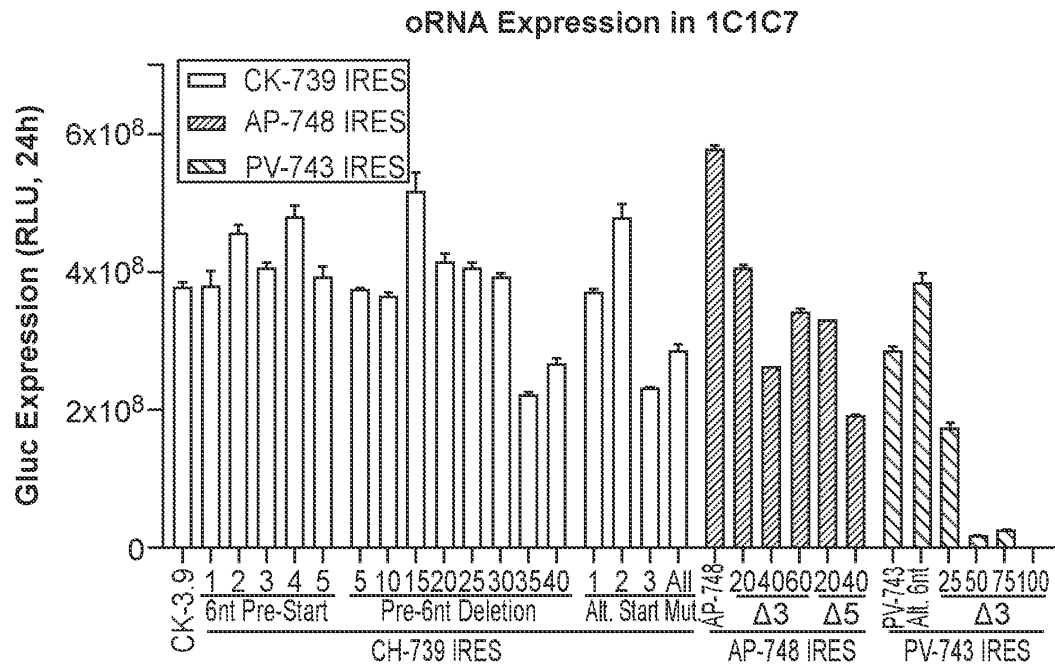


FIG. 52

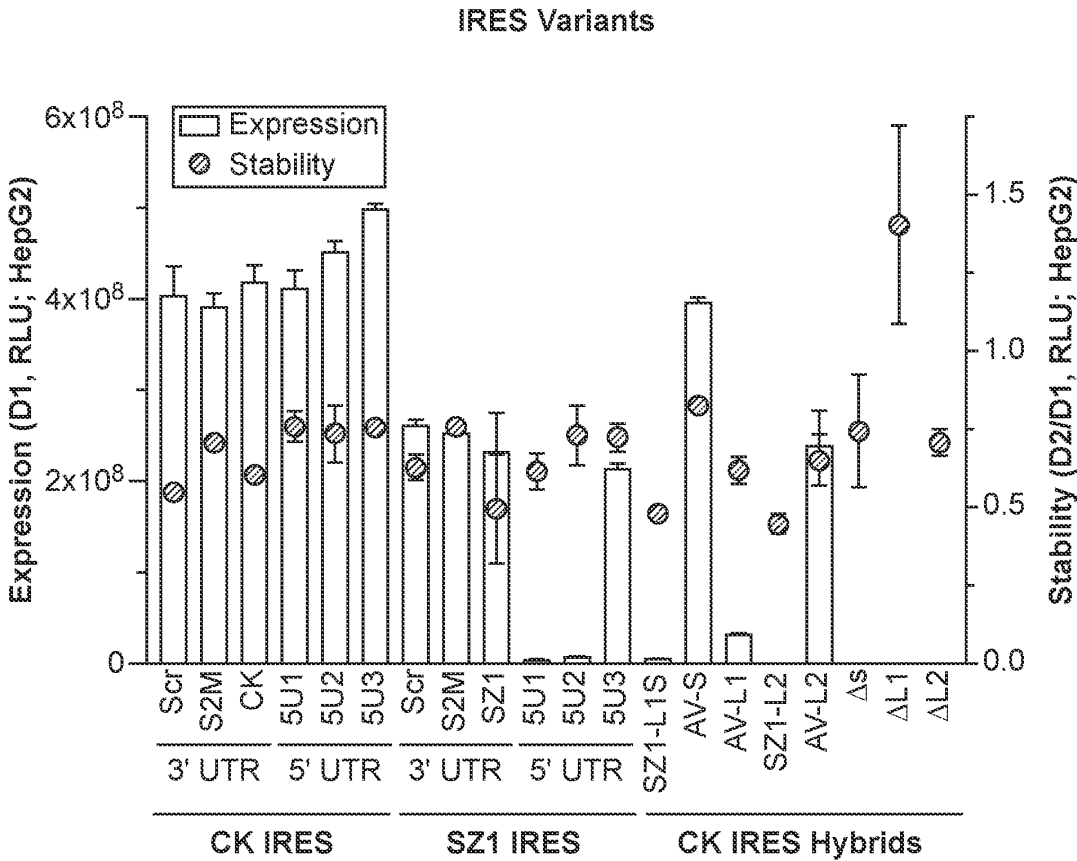


FIG. 53

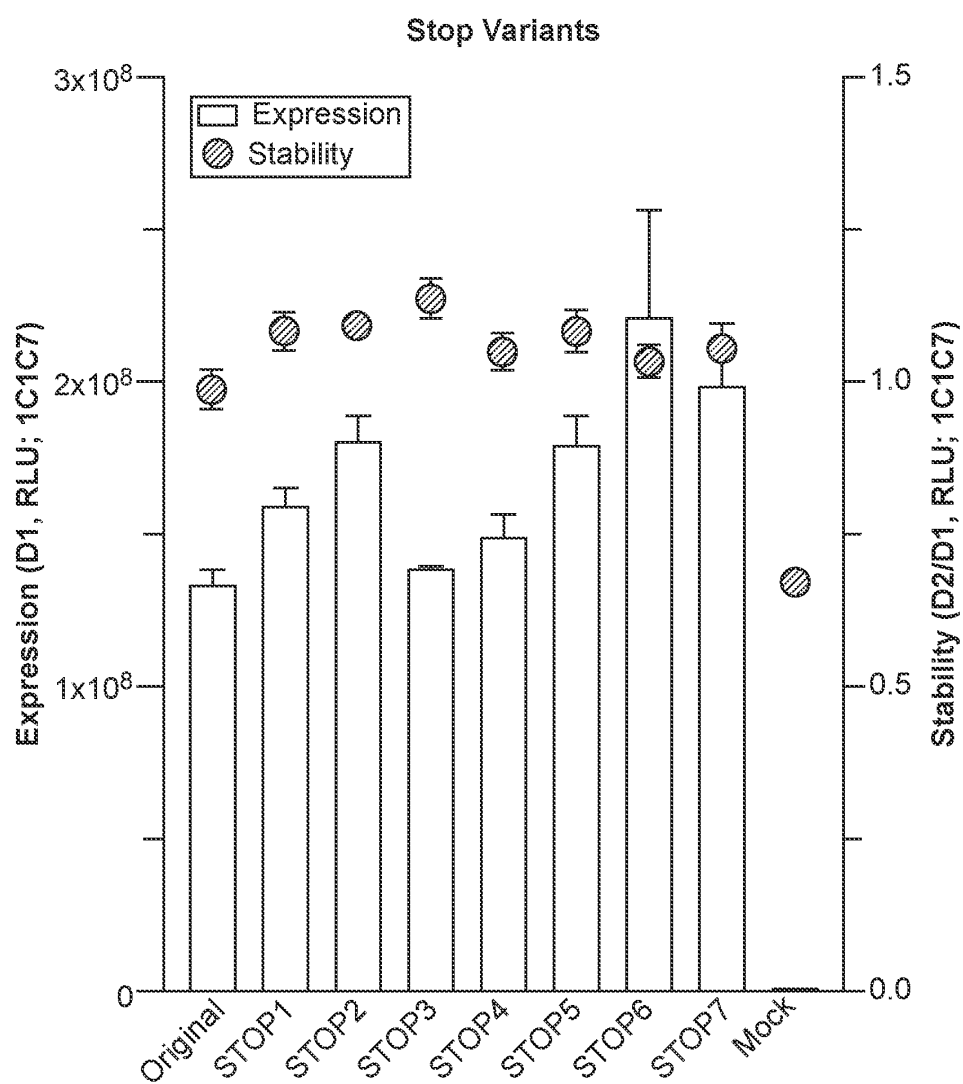


FIG. 54

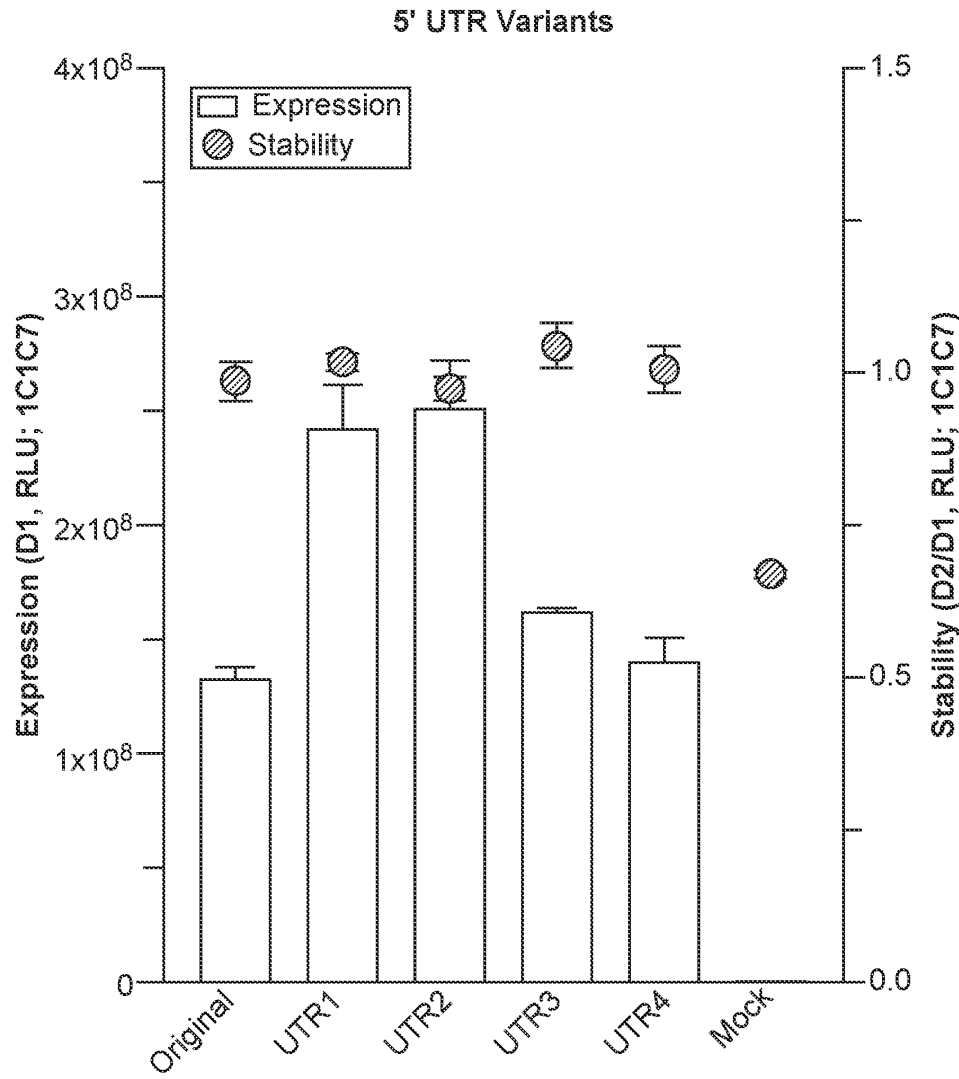


FIG. 55

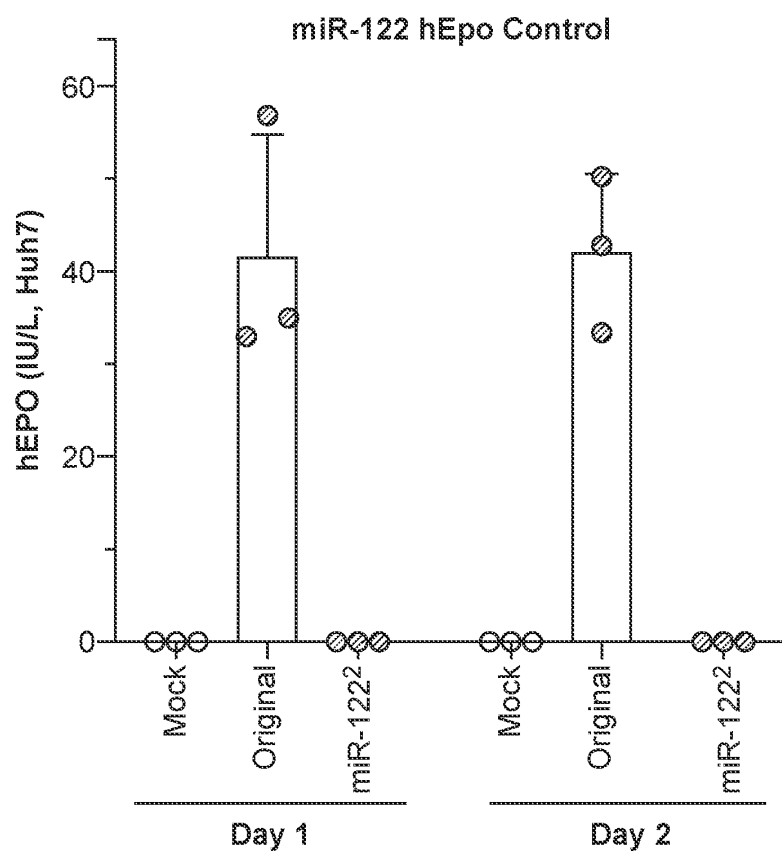


FIG. 56

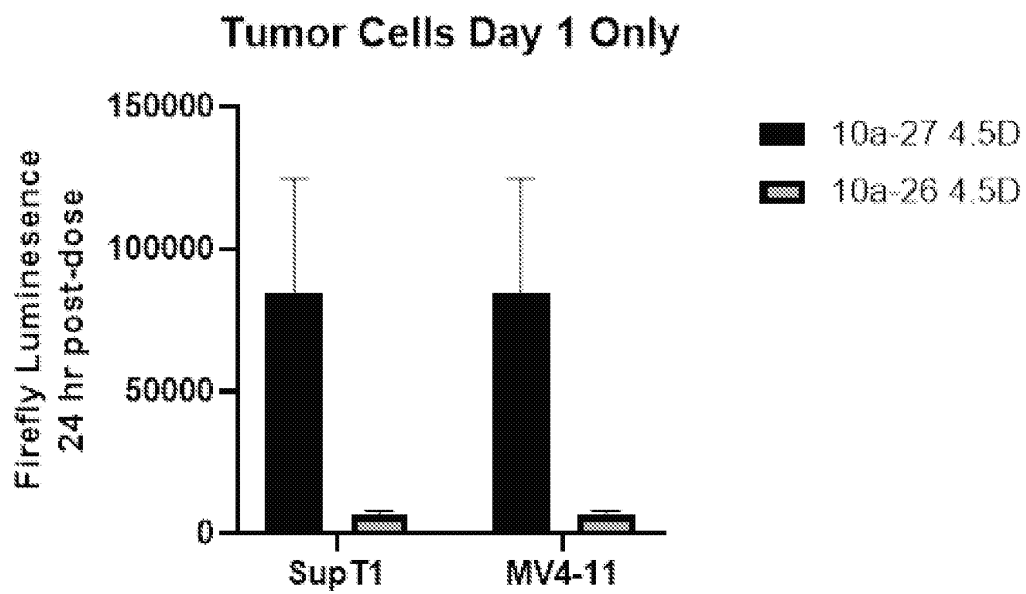
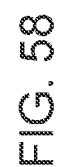
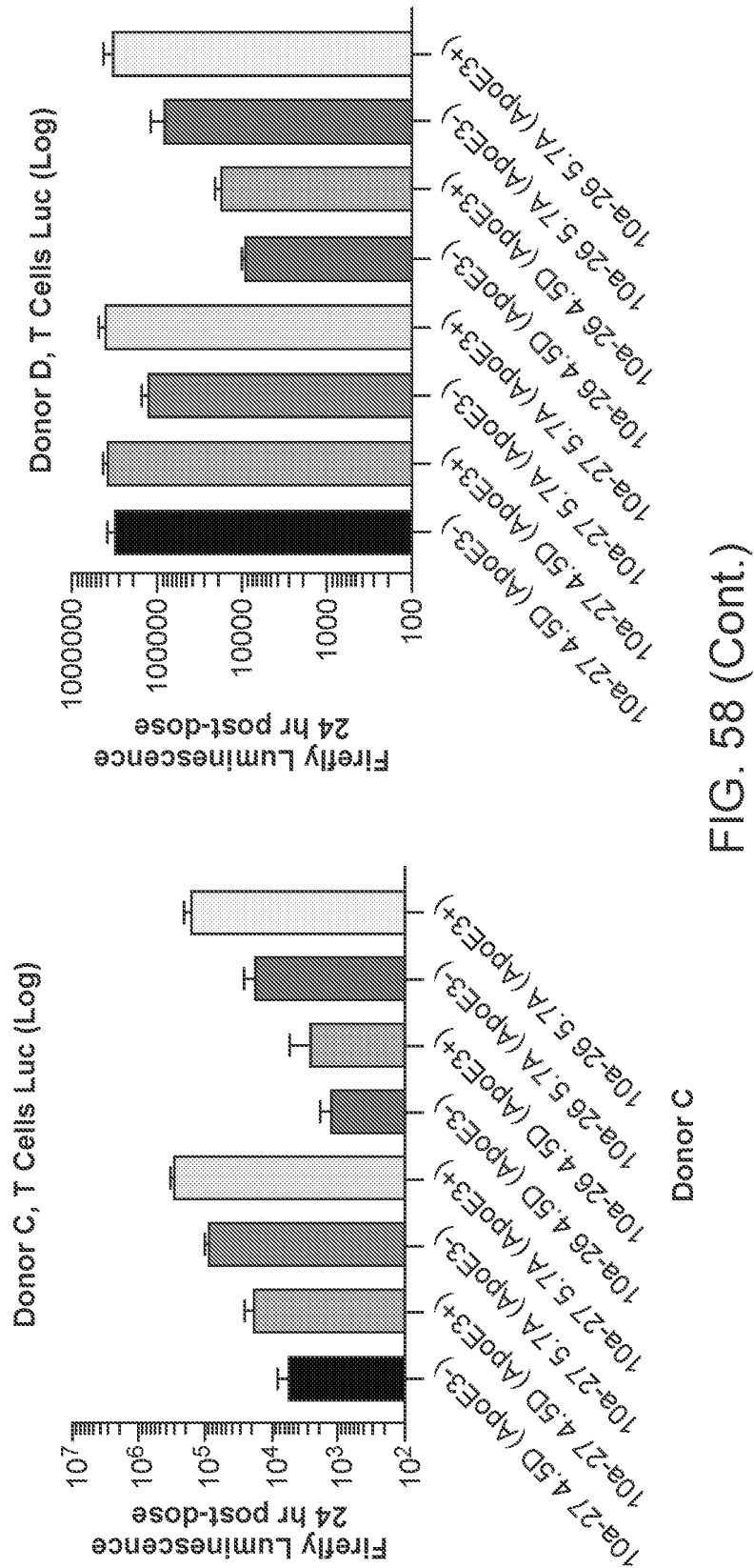


FIG. 57





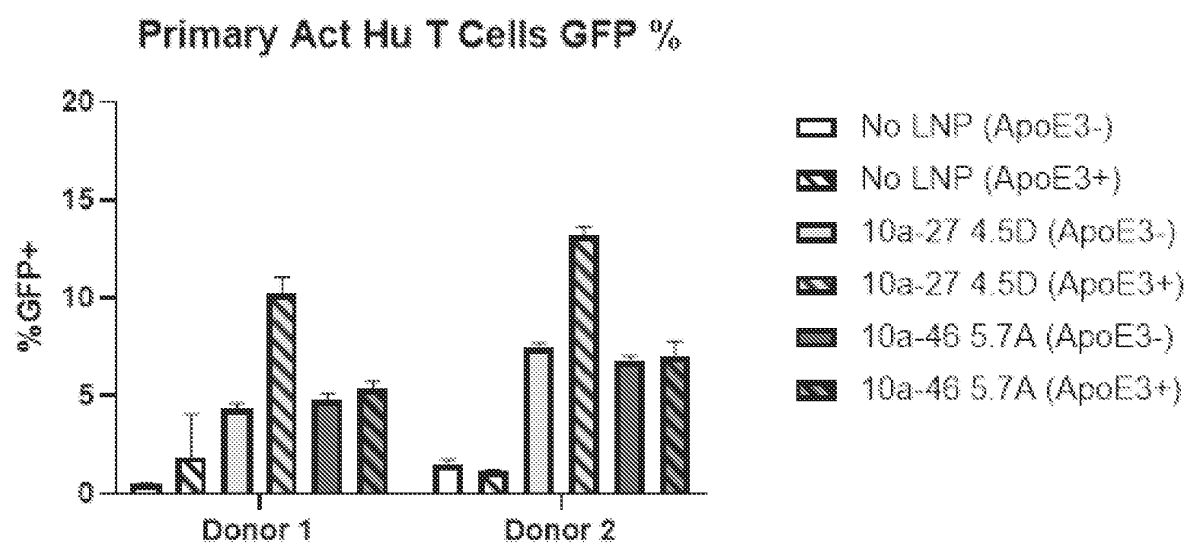


FIG. 59

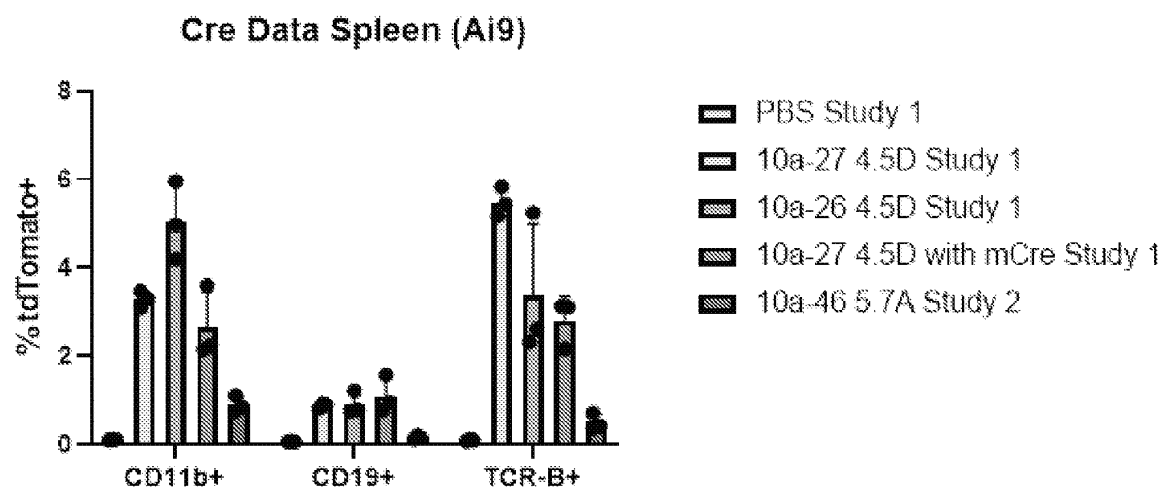


FIG. 60

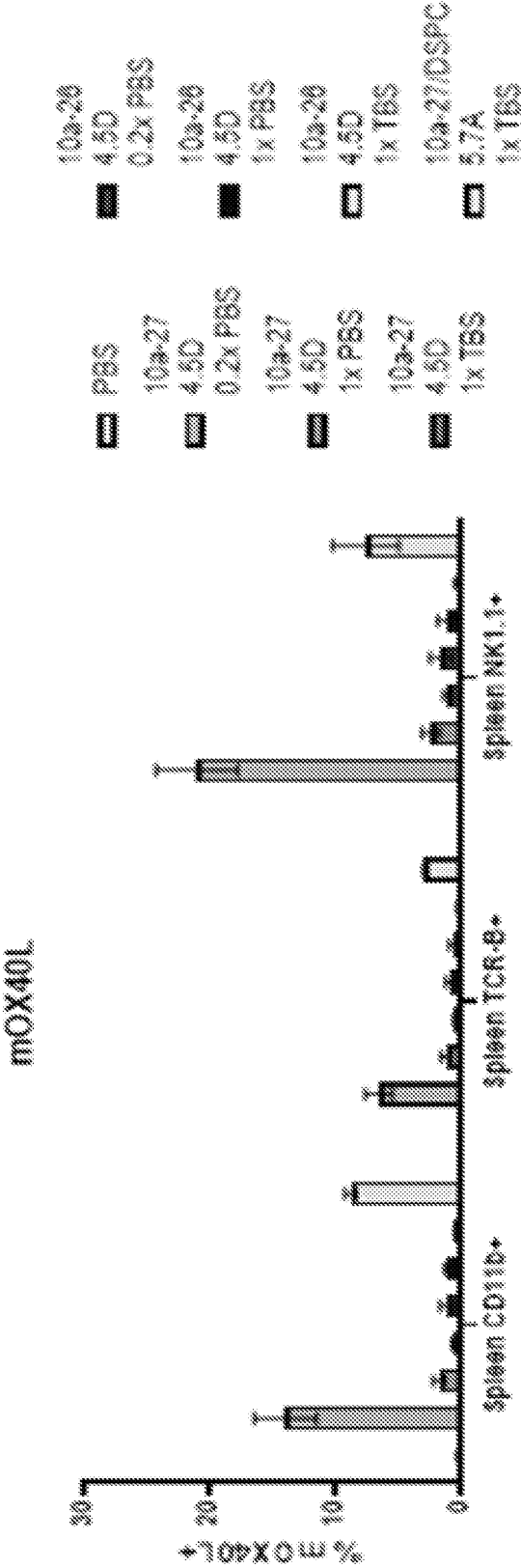
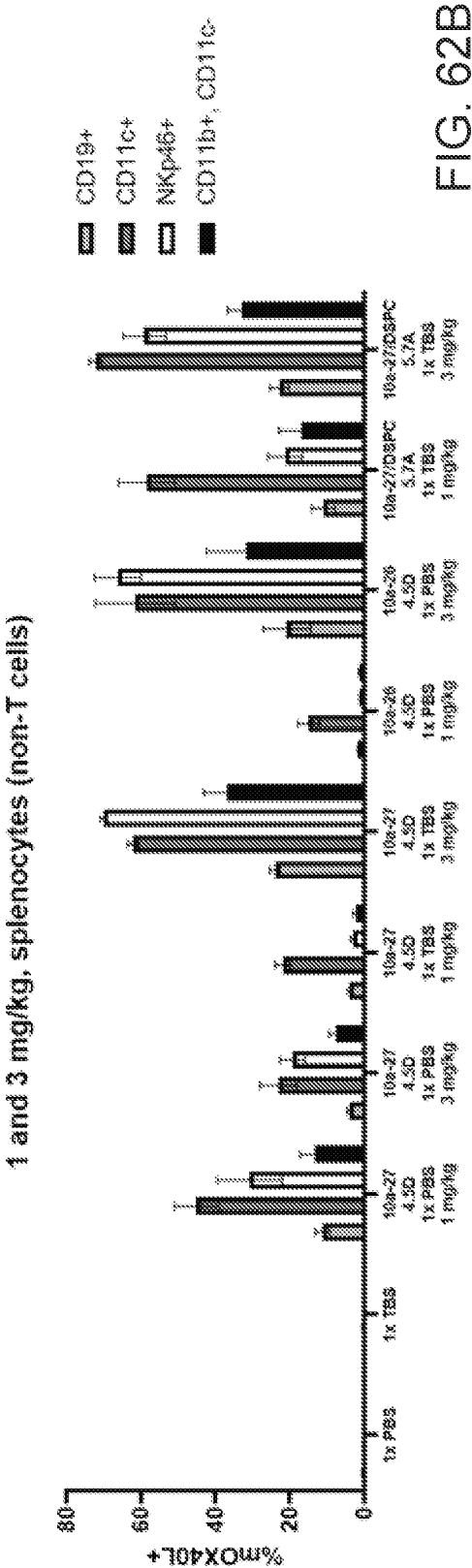
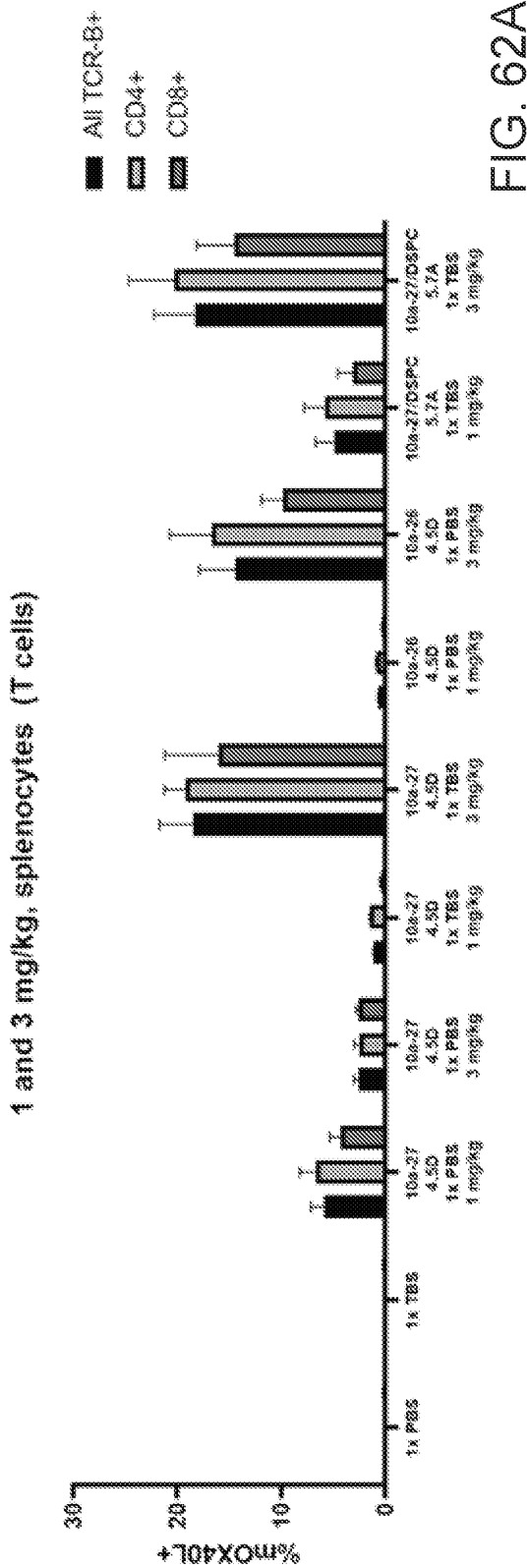


FIG. 61



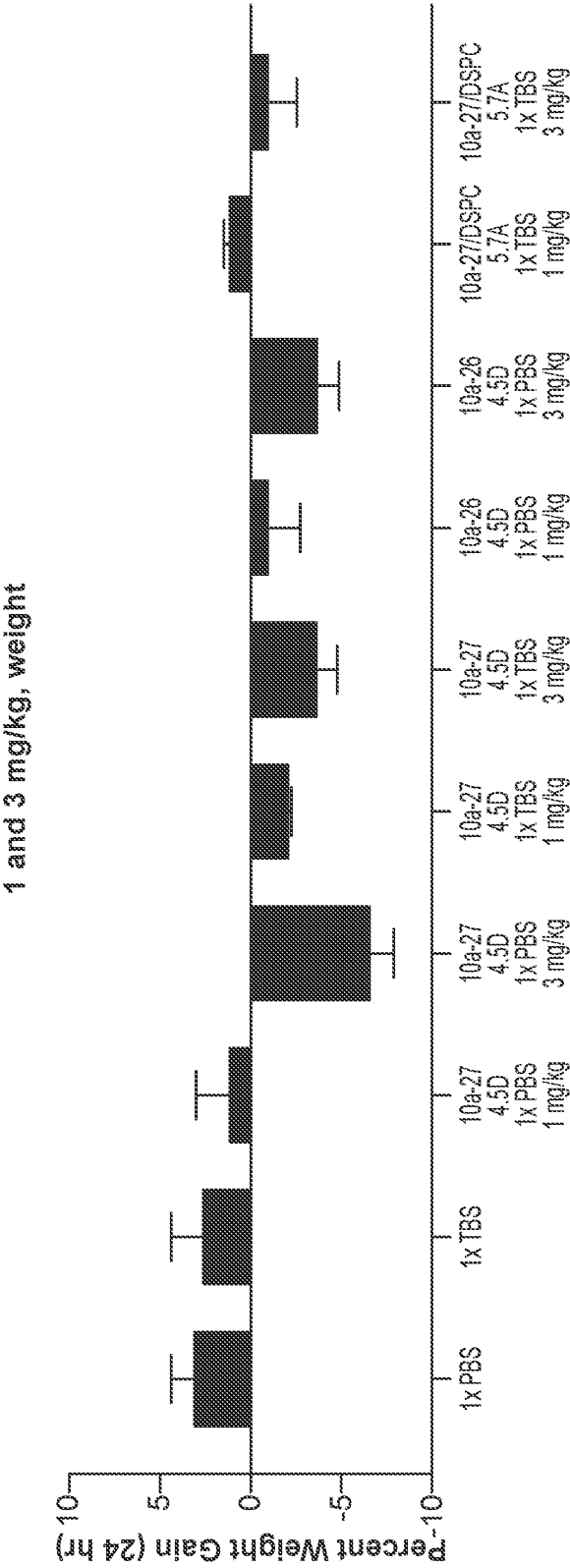


FIG. 62C

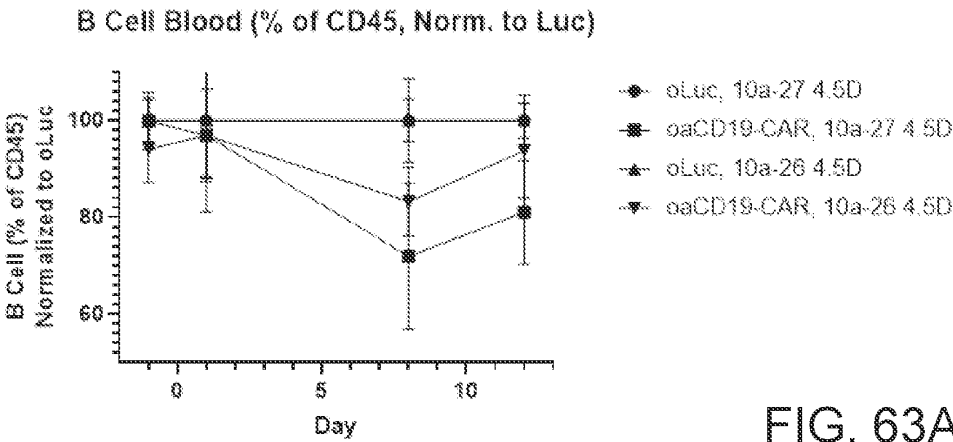


FIG. 63A

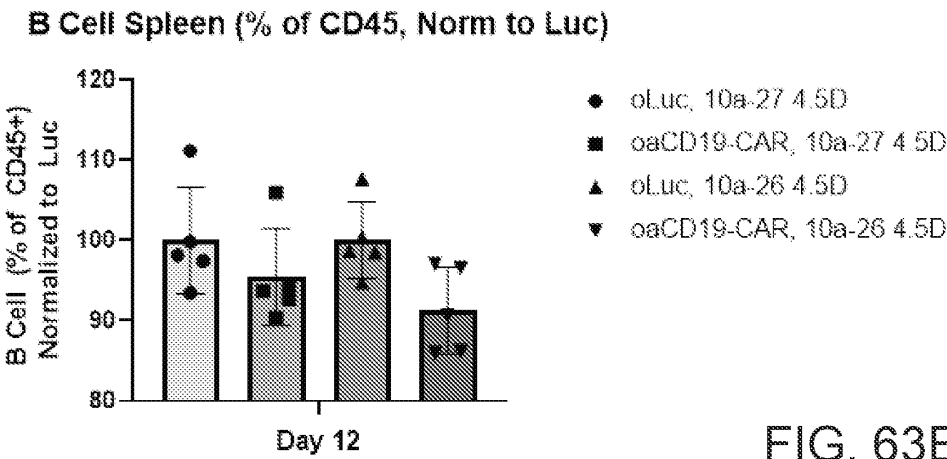


FIG. 63B

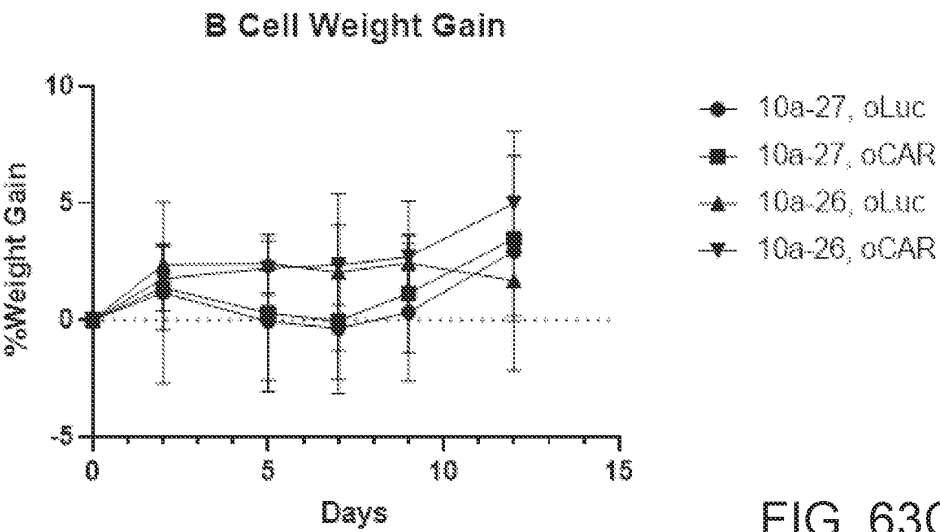


FIG. 63C

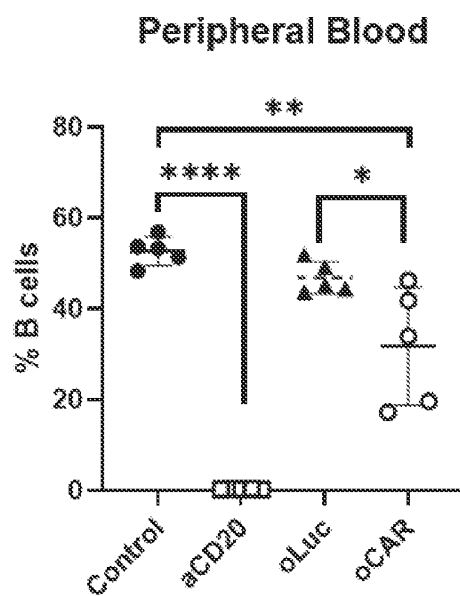


FIG. 64A

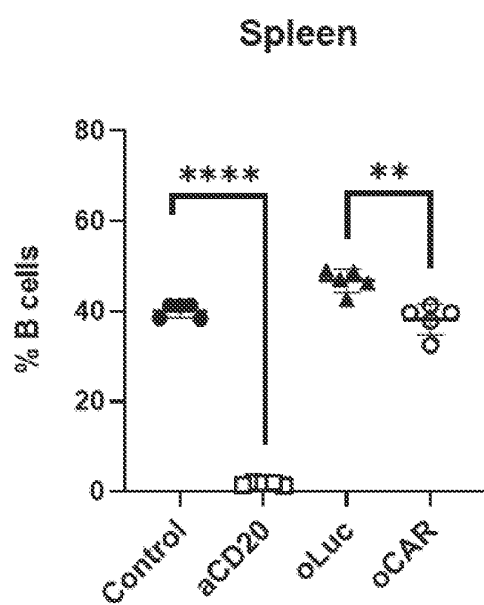


FIG. 64B

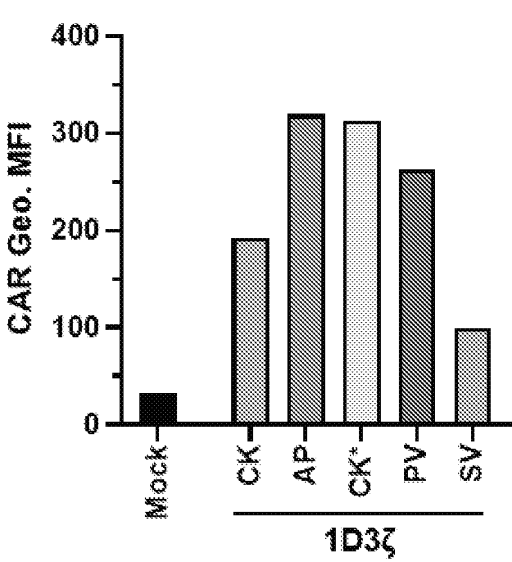


FIG. 65A

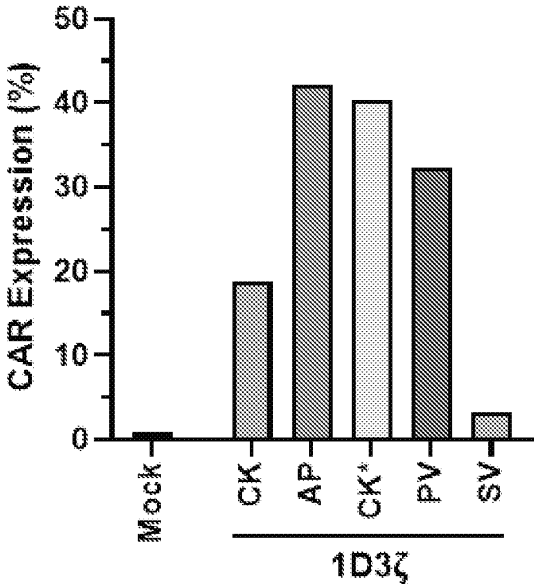


FIG. 65B

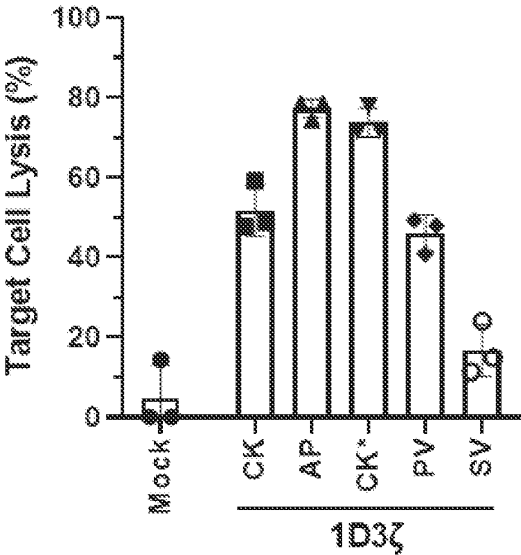


FIG. 65C

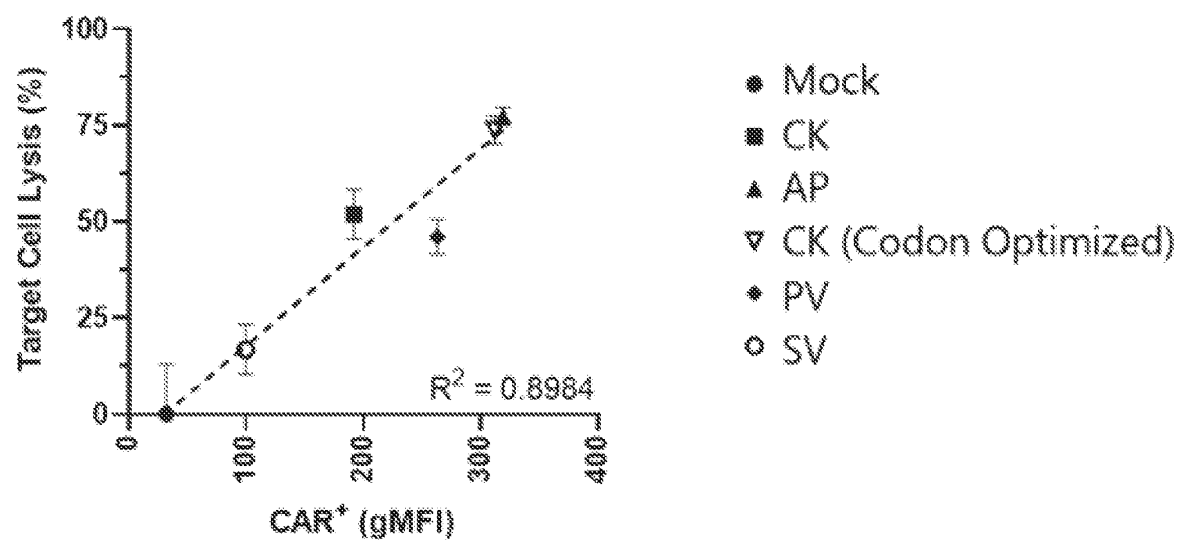


FIG. 66

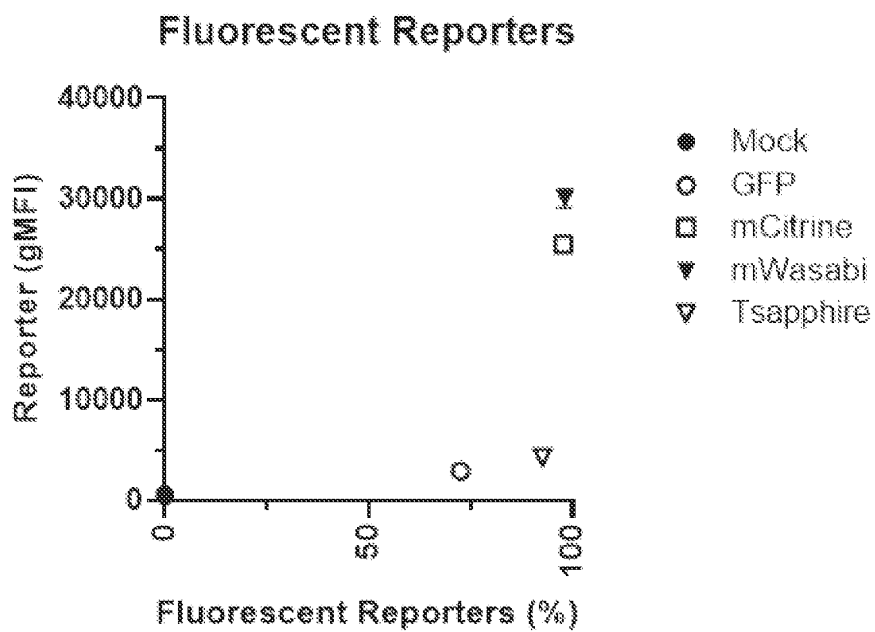


FIG. 67A

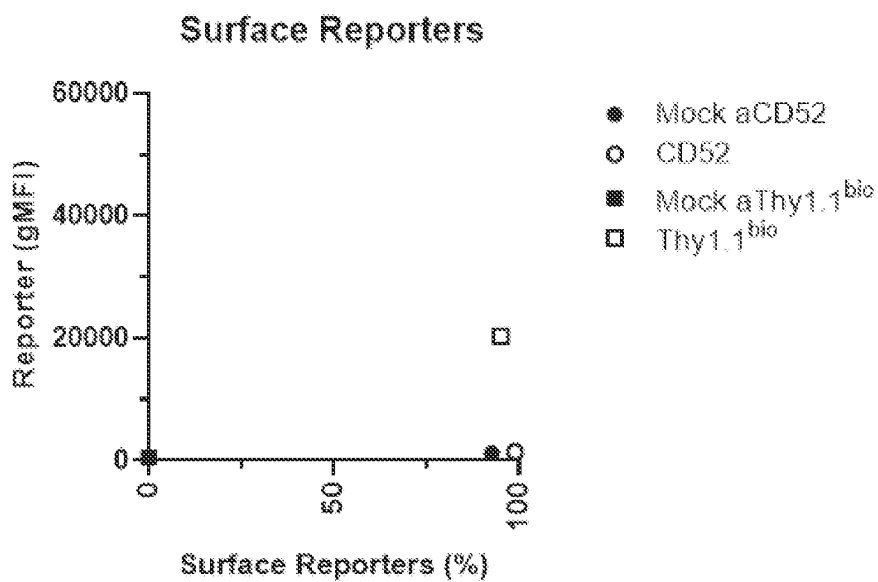


FIG. 67B

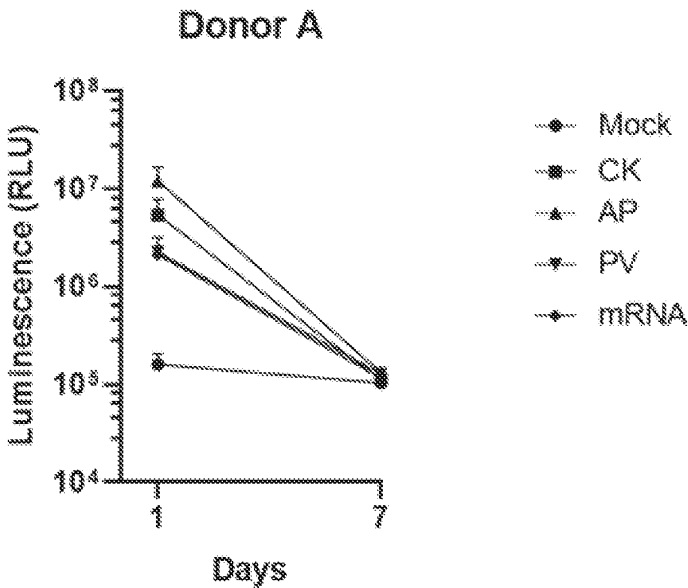


FIG. 68A

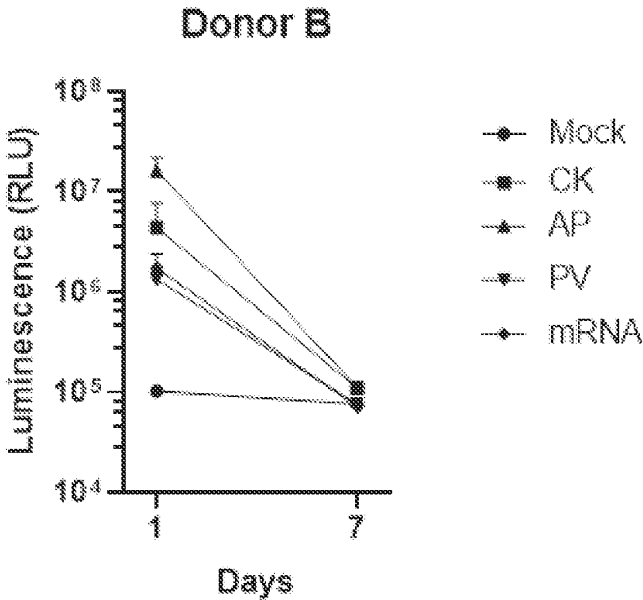


FIG. 68B

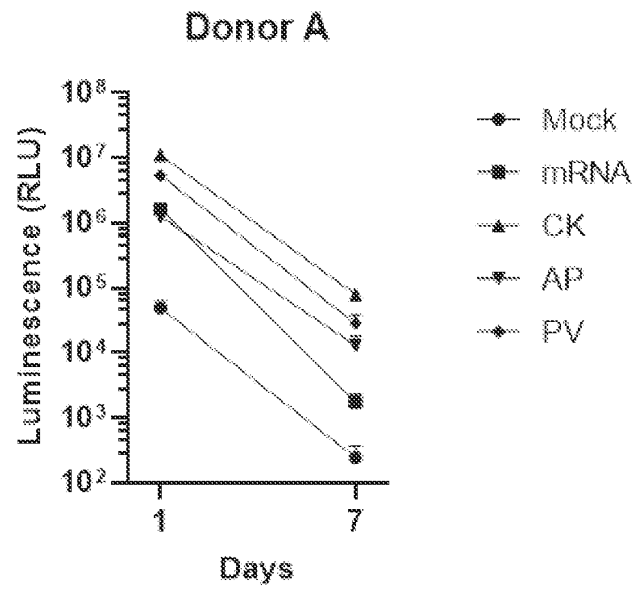


FIG. 68C

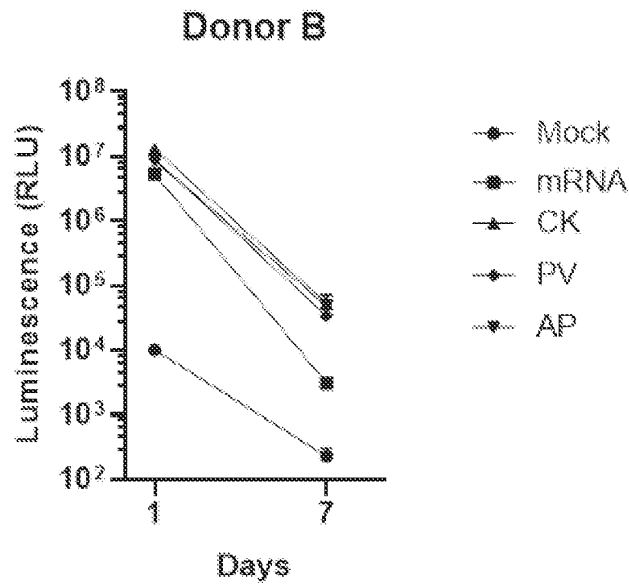


FIG. 68D

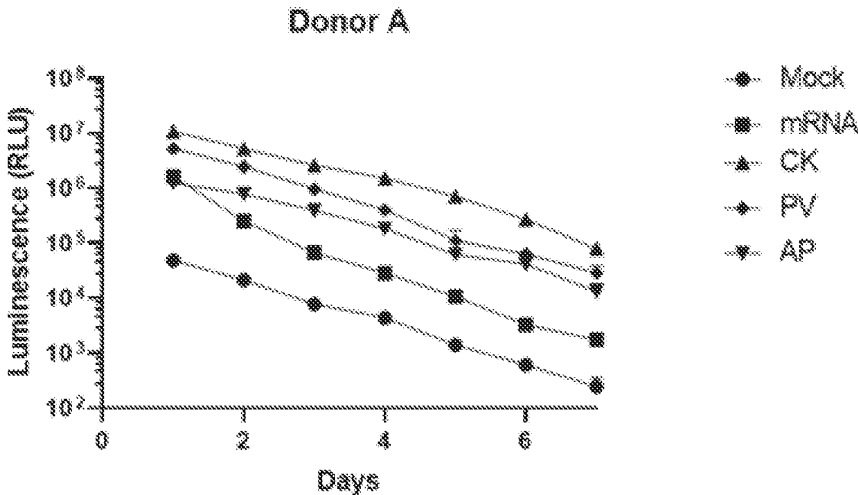


FIG. 68E

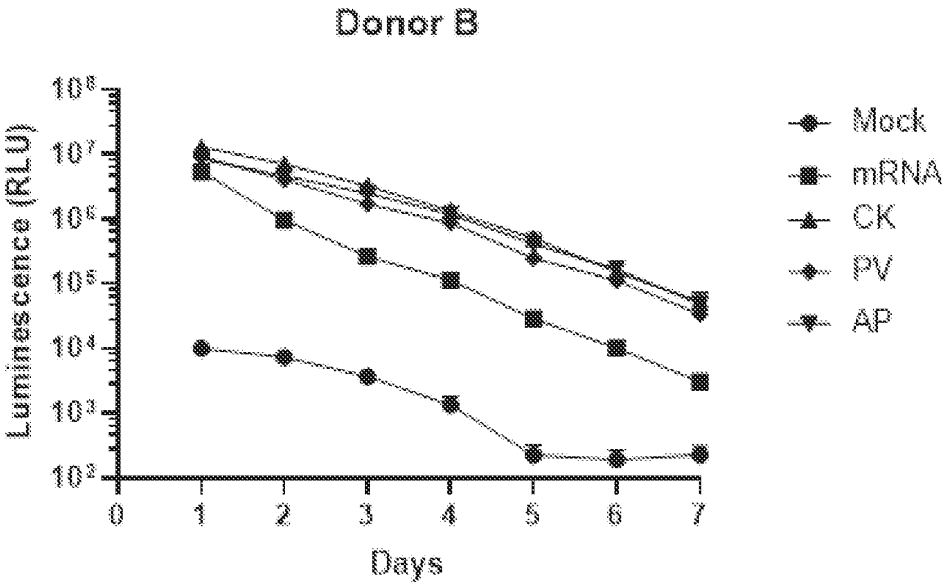


FIG. 68F

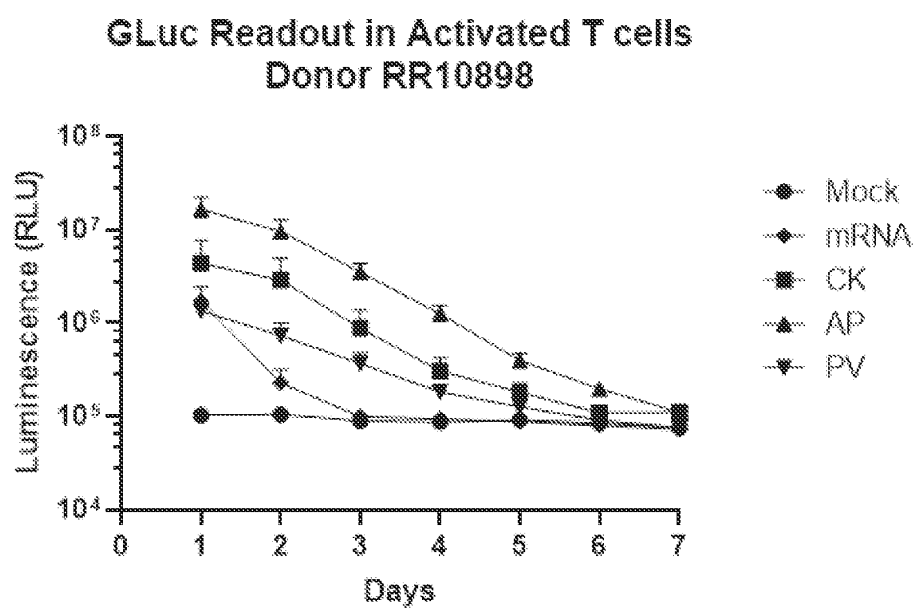


FIG. 68G

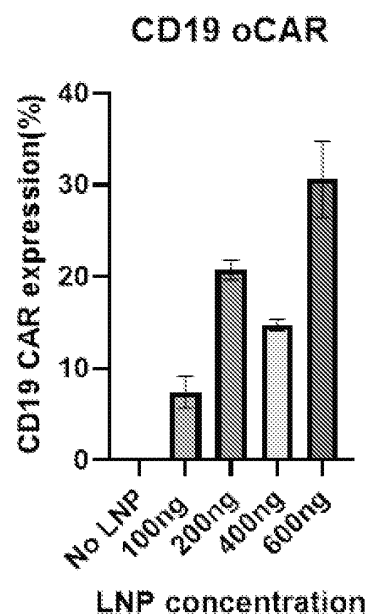


FIG. 69A

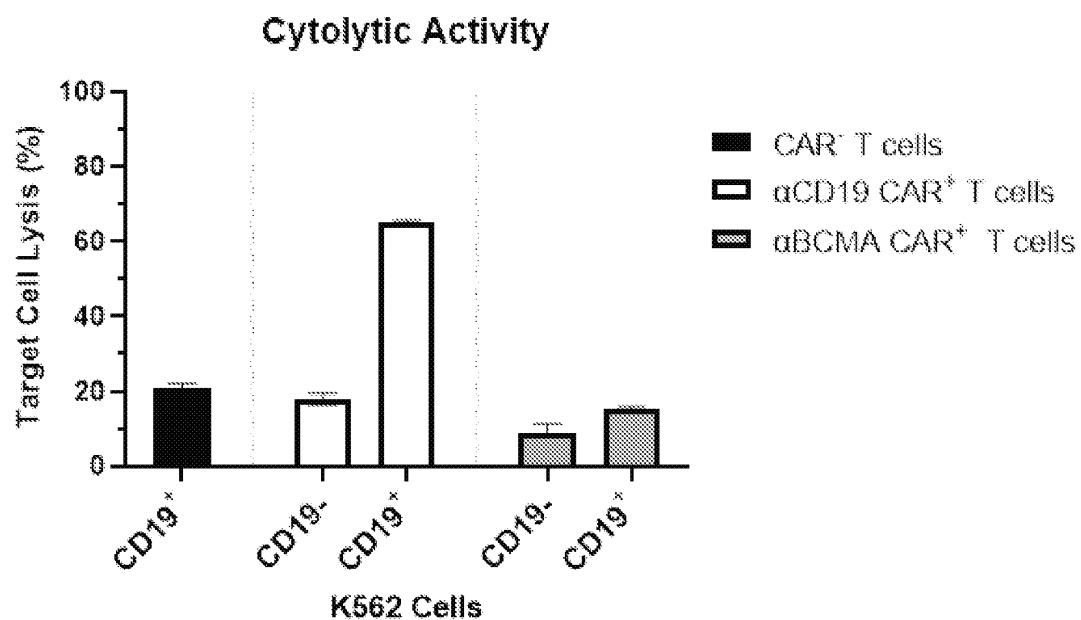


FIG. 69B

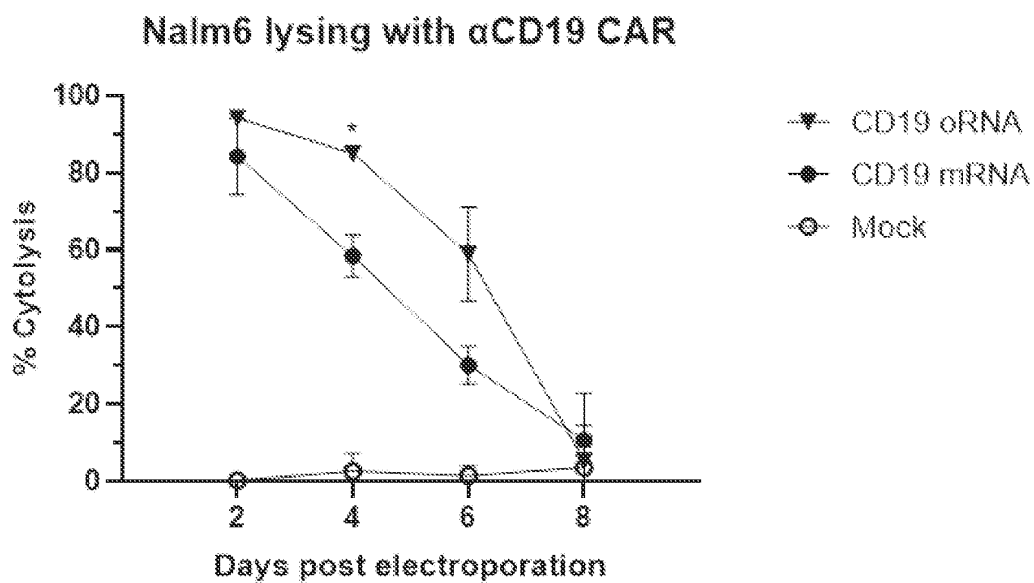


FIG. 70A

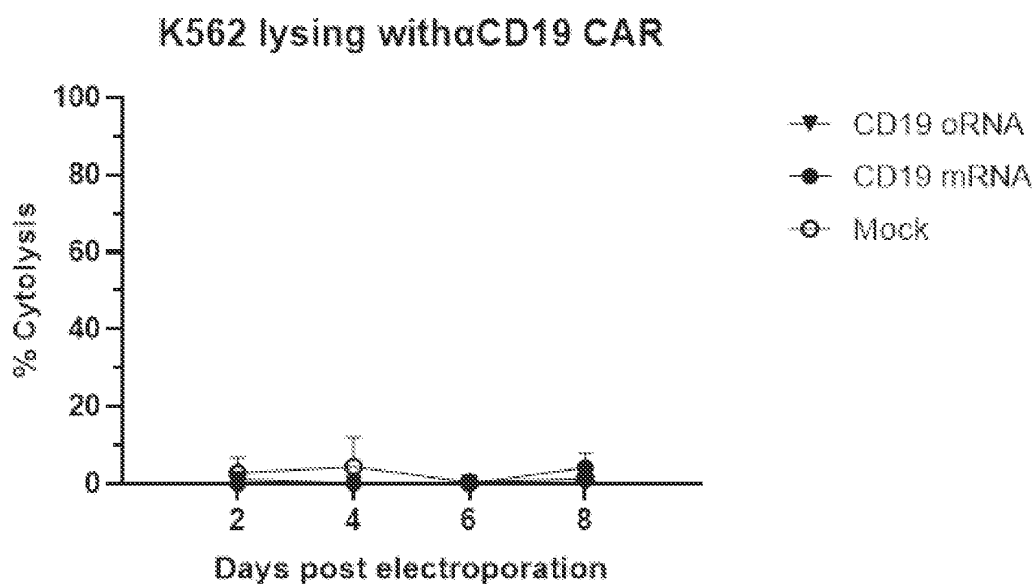
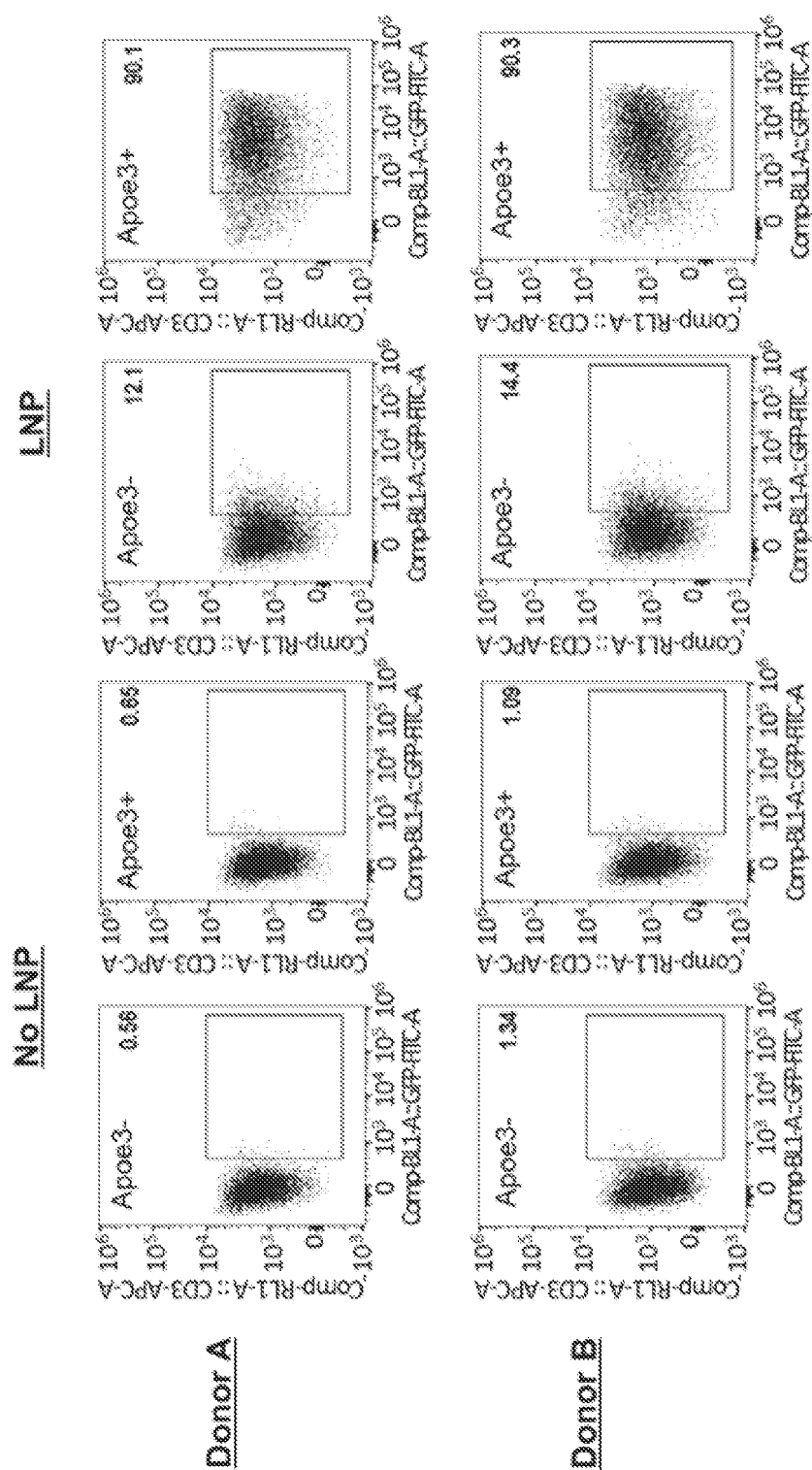


FIG. 70B



Donor A
Frequency of GFP Expression

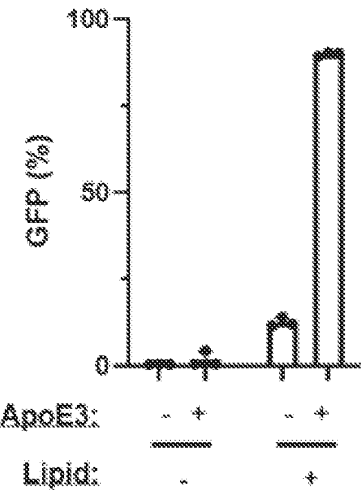


FIG. 71B

Donor A
Frequency of GFP MFI

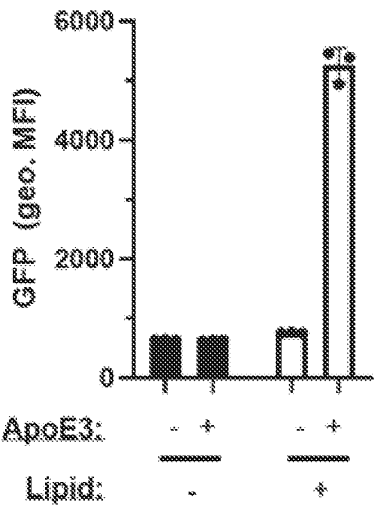


FIG. 71C

Donor B
Frequency of GFP Expression

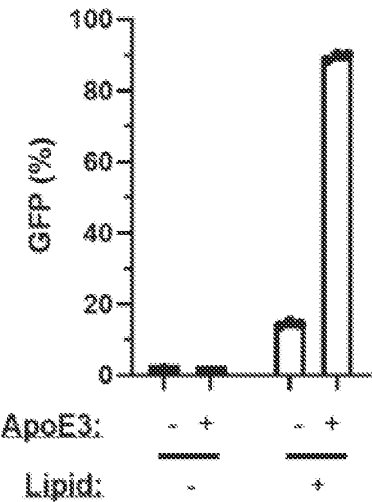


FIG. 71D

Donor B
Frequency of GFP MFI

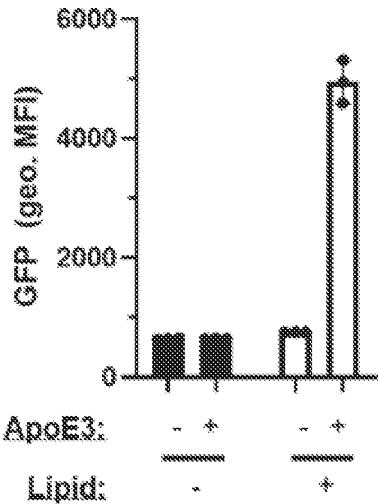


FIG. 71E

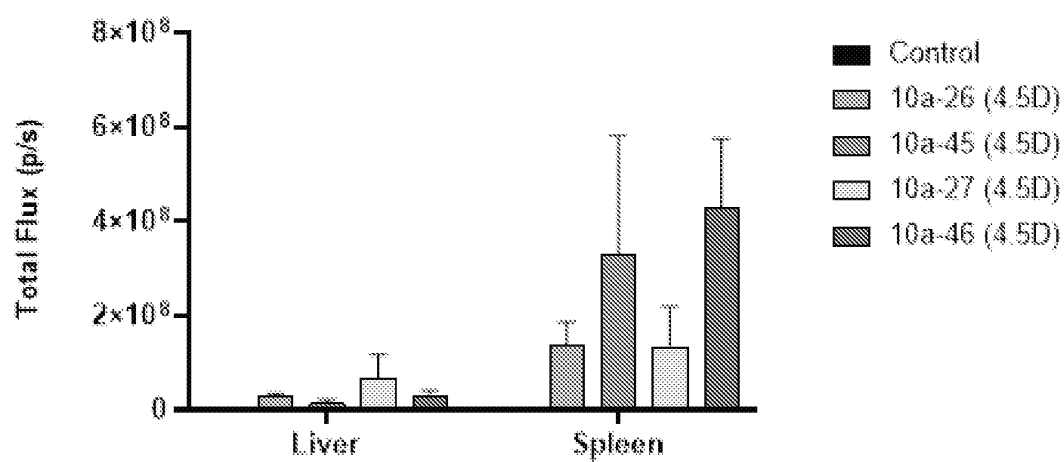


FIG. 72A

Ex Vivo FLuc: Flux Distribution

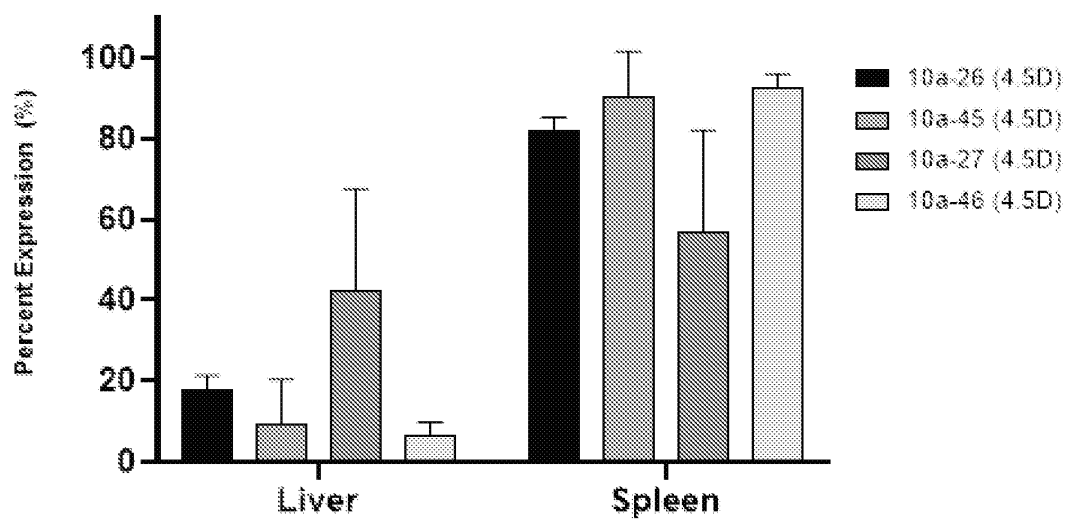


FIG. 72B

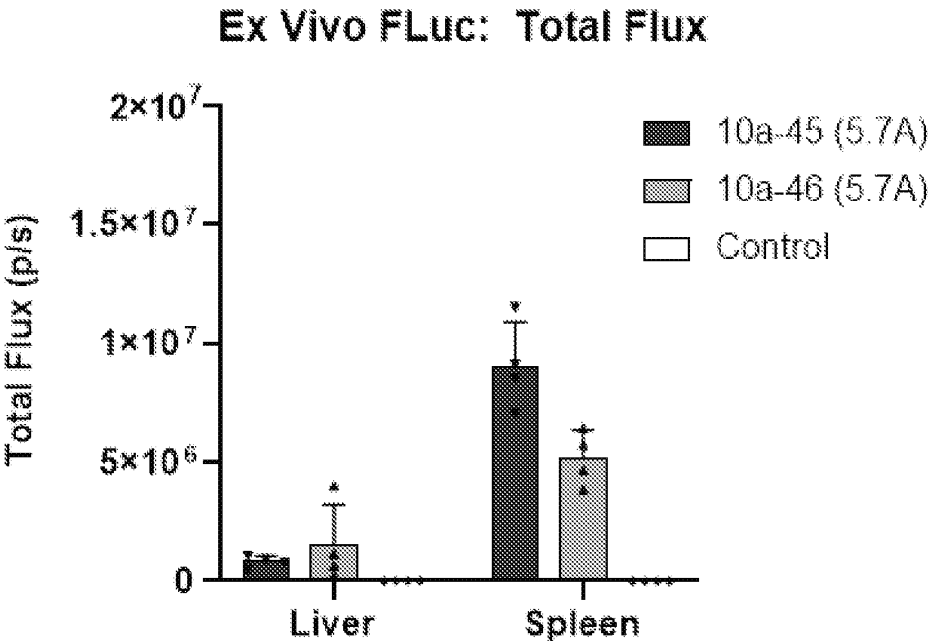


FIG. 72C

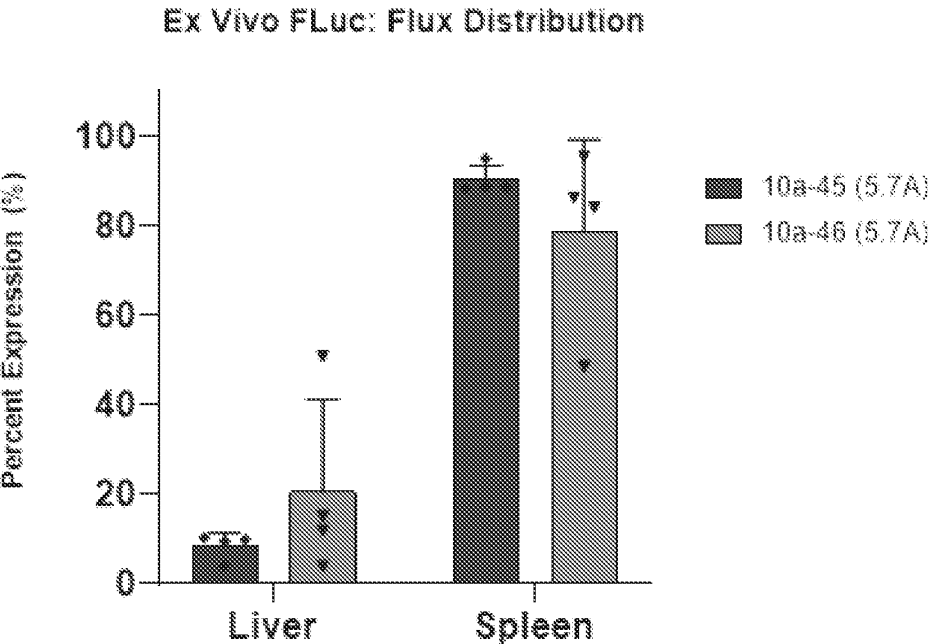


FIG. 72D

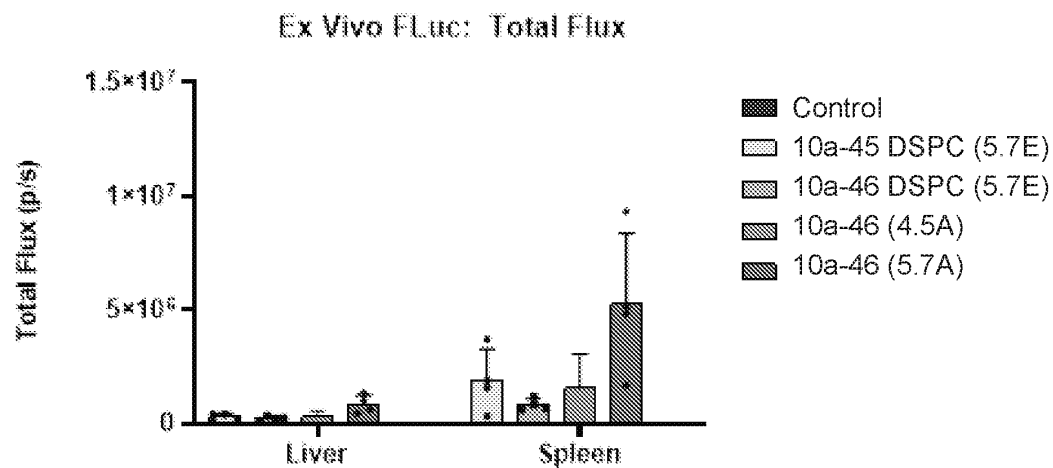


FIG. 72E

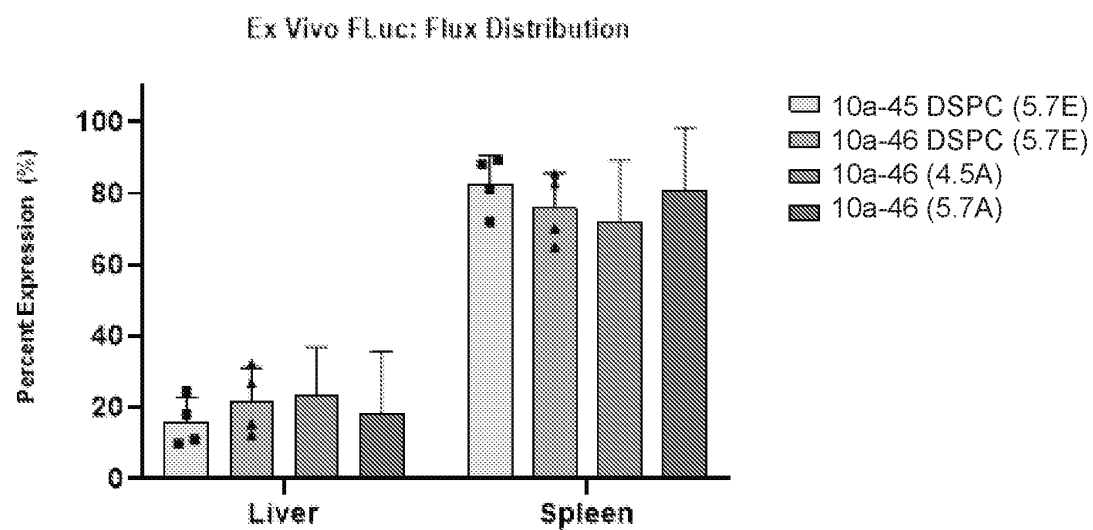


FIG. 72F

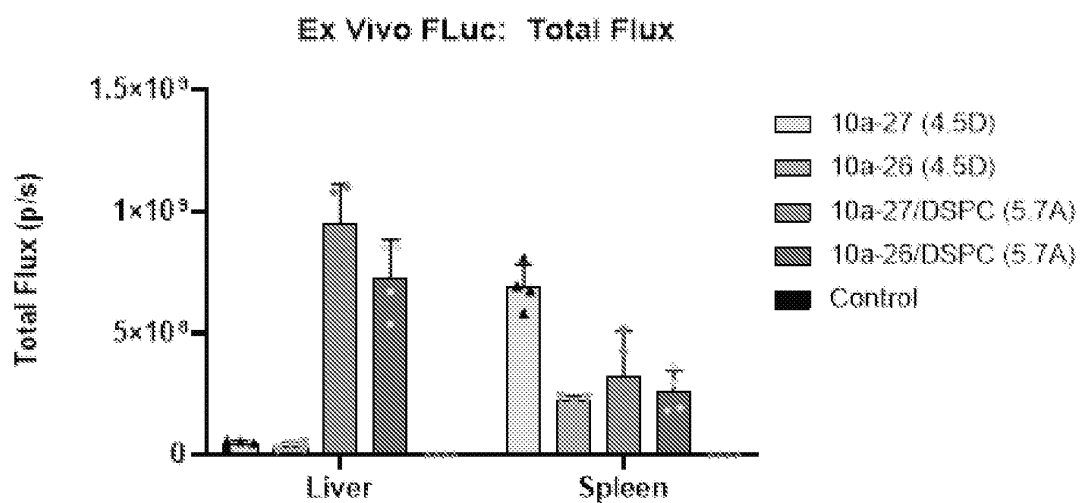


FIG. 72G

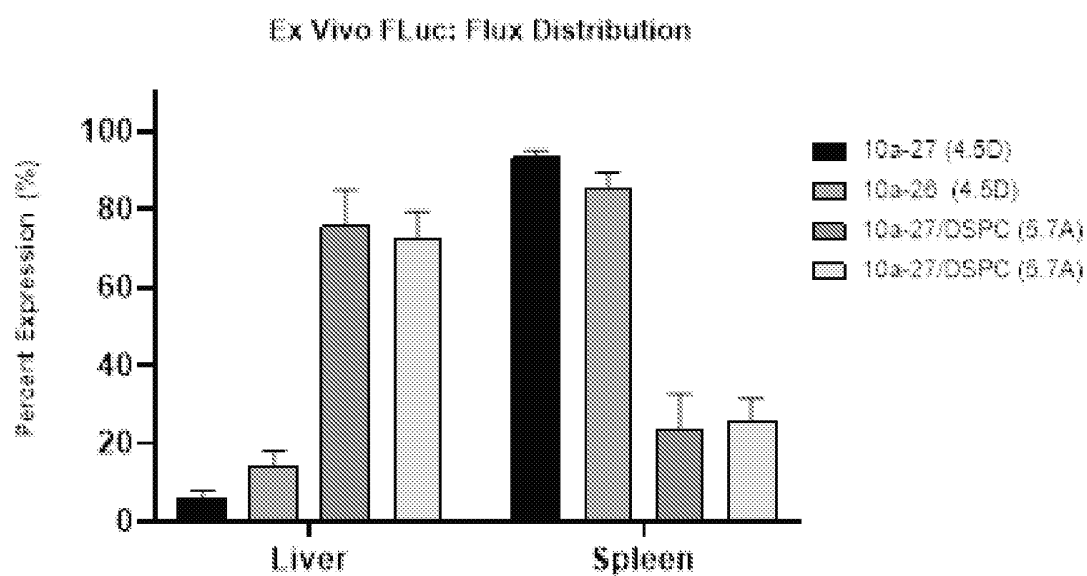


FIG. 72H

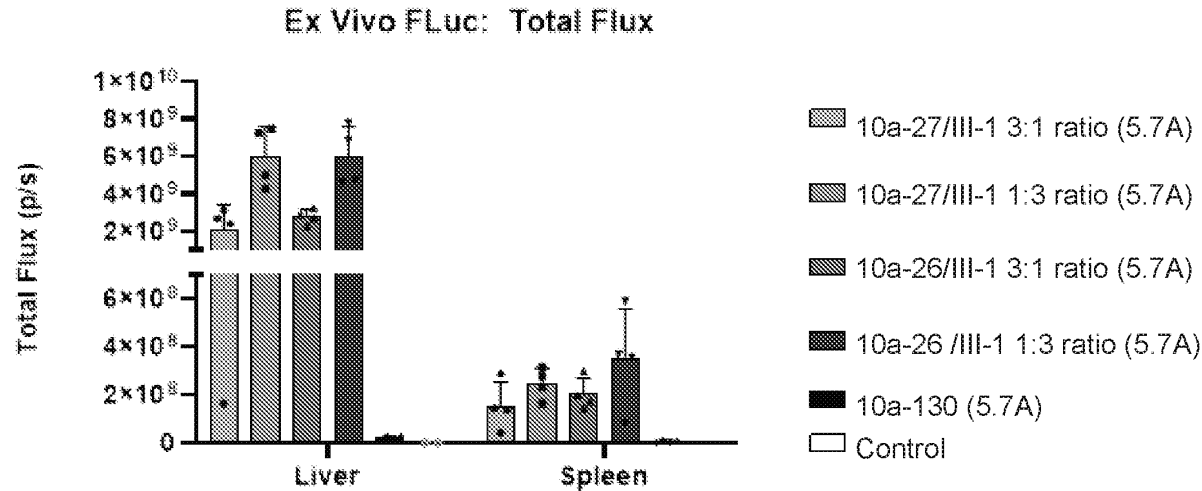


FIG. 72I

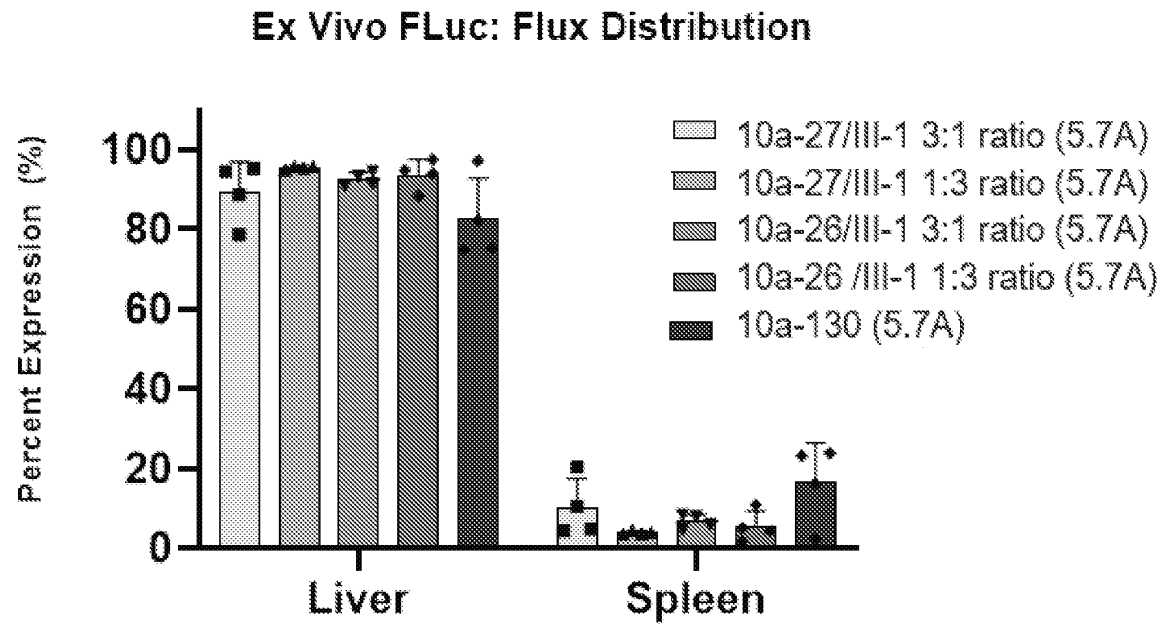


FIG. 72J

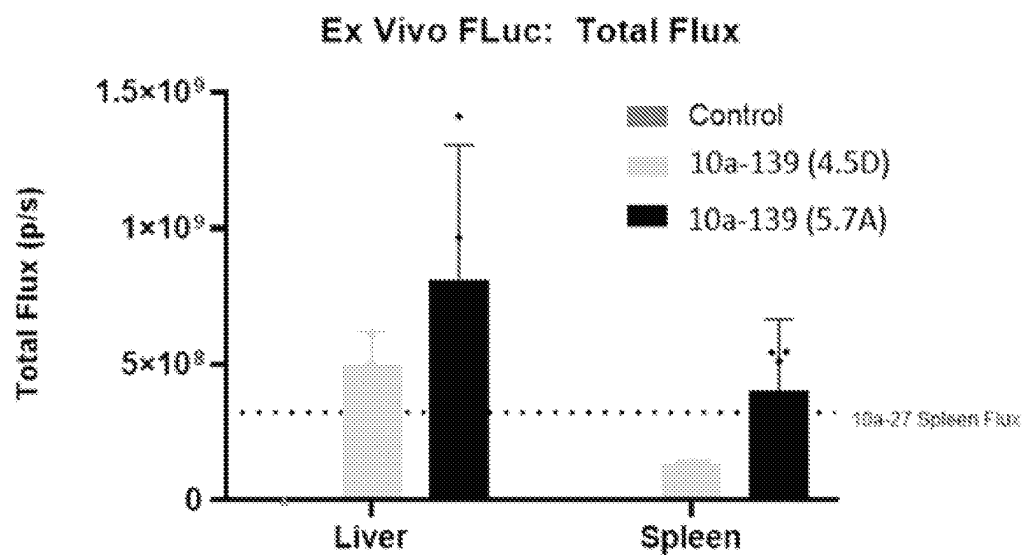


FIG. 72K

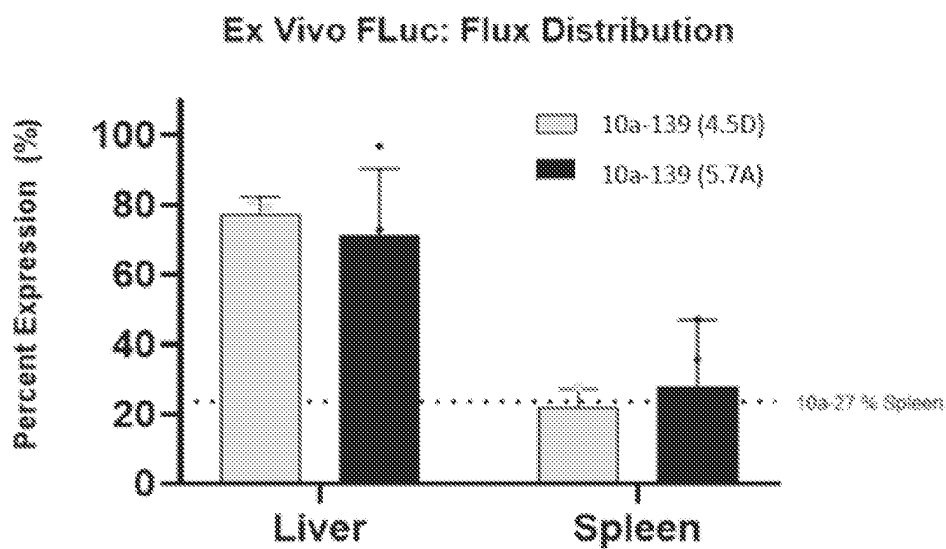


FIG. 72L

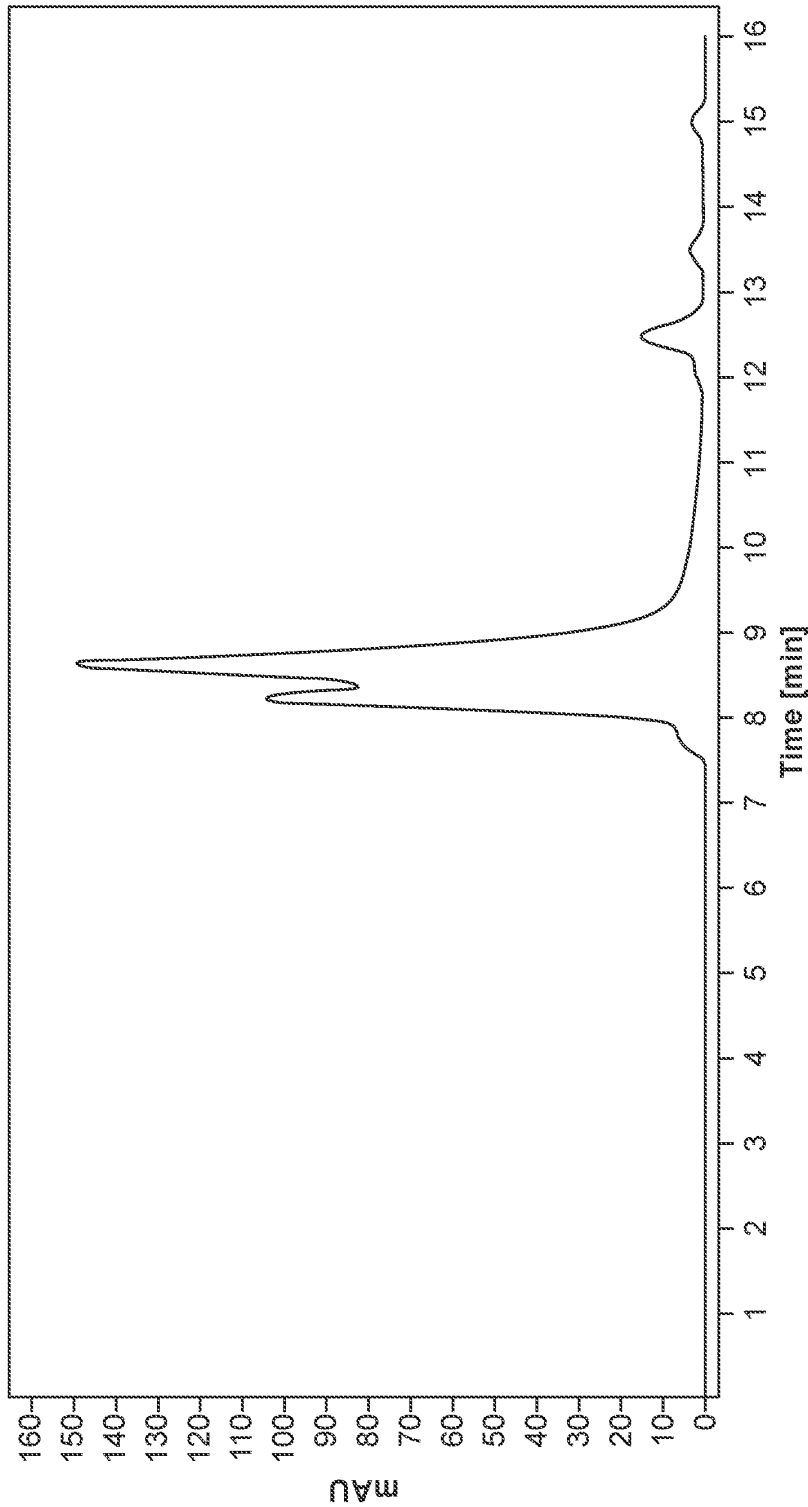


FIG. 73A

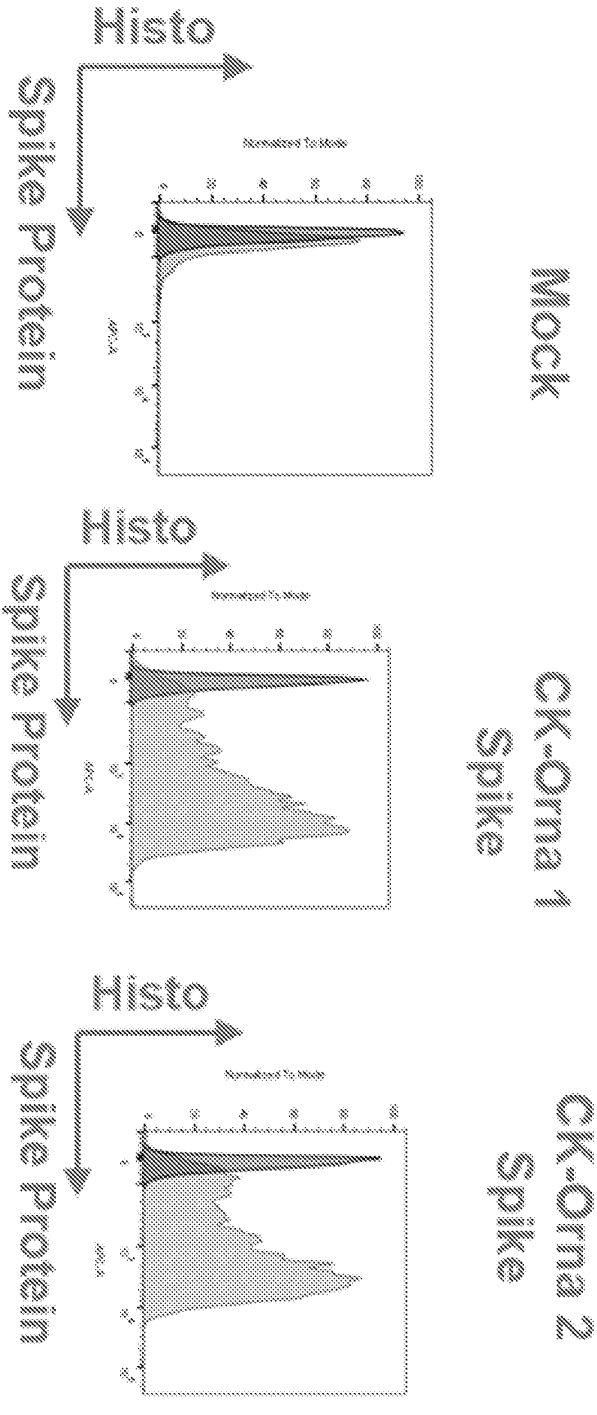


FIG. 73B

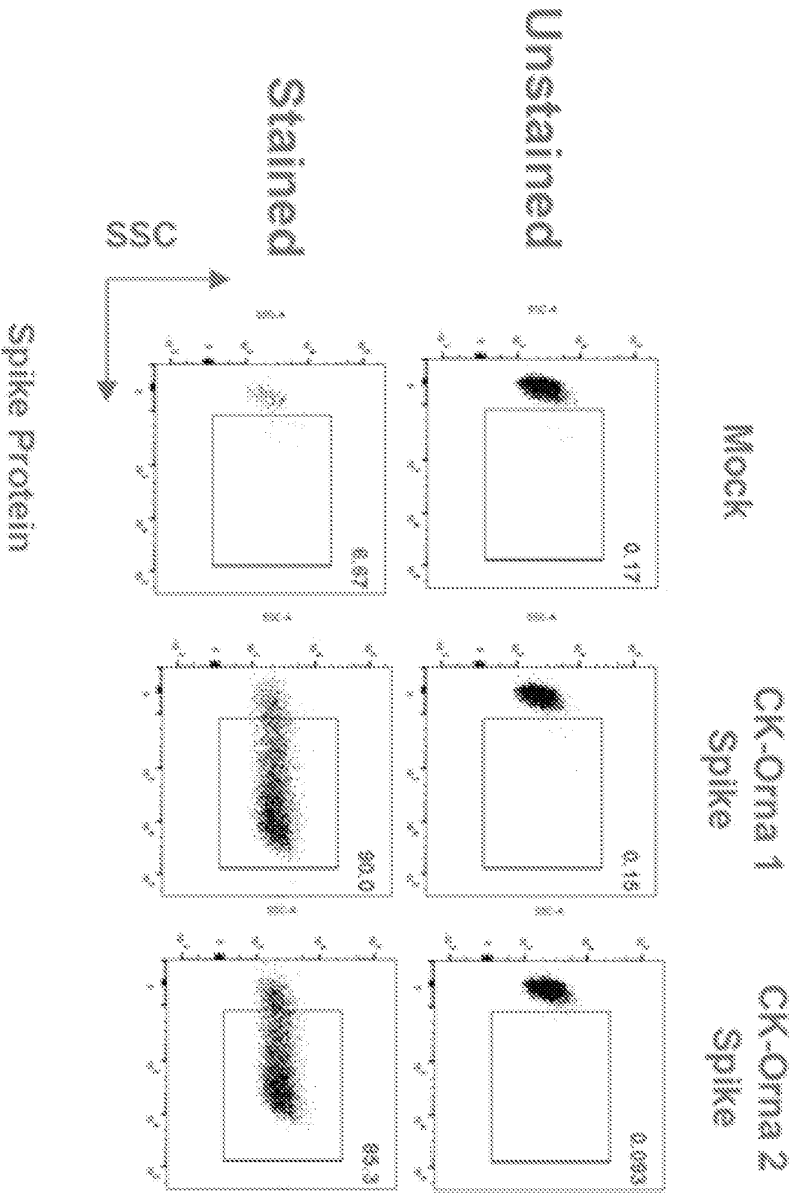


FIG. 73C

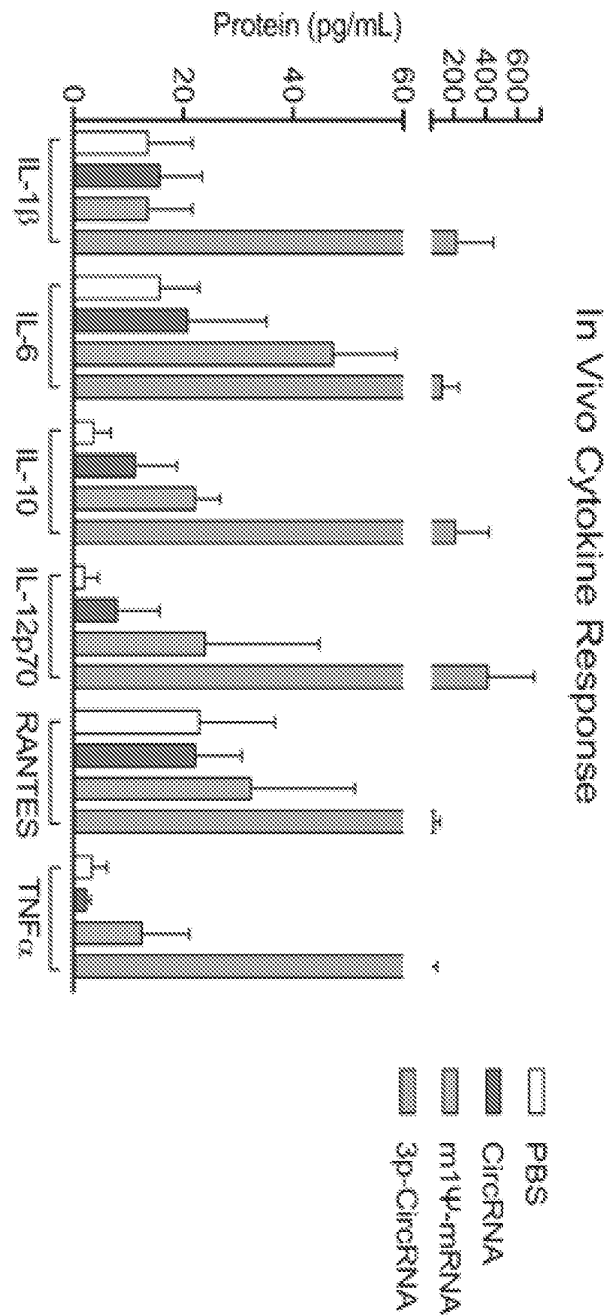


FIG. 74

Live Whole Body Flux 6 hr Post IM Injection

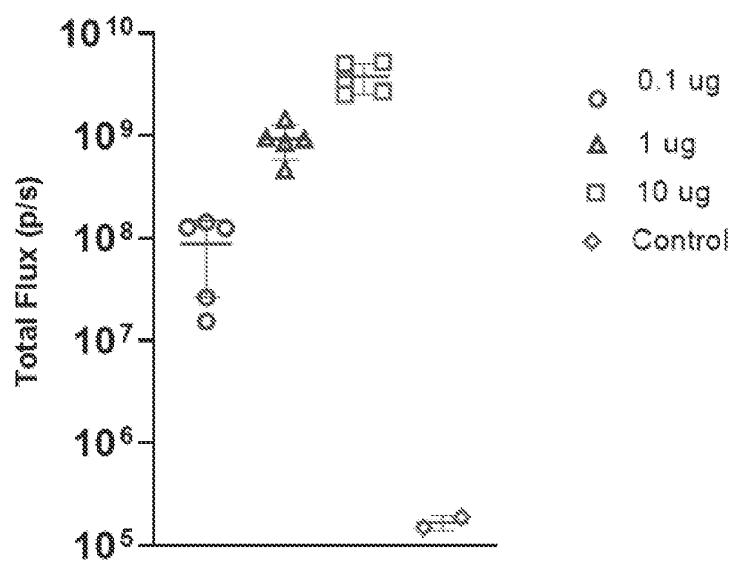


FIG. 75A

Whole Body IVIS:
1 ug dose IM at 6hr

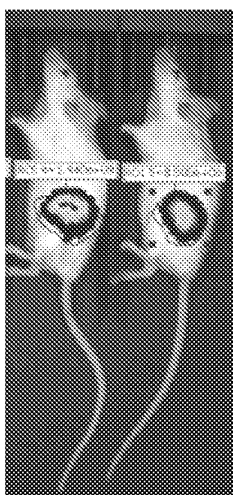


FIG. 75B

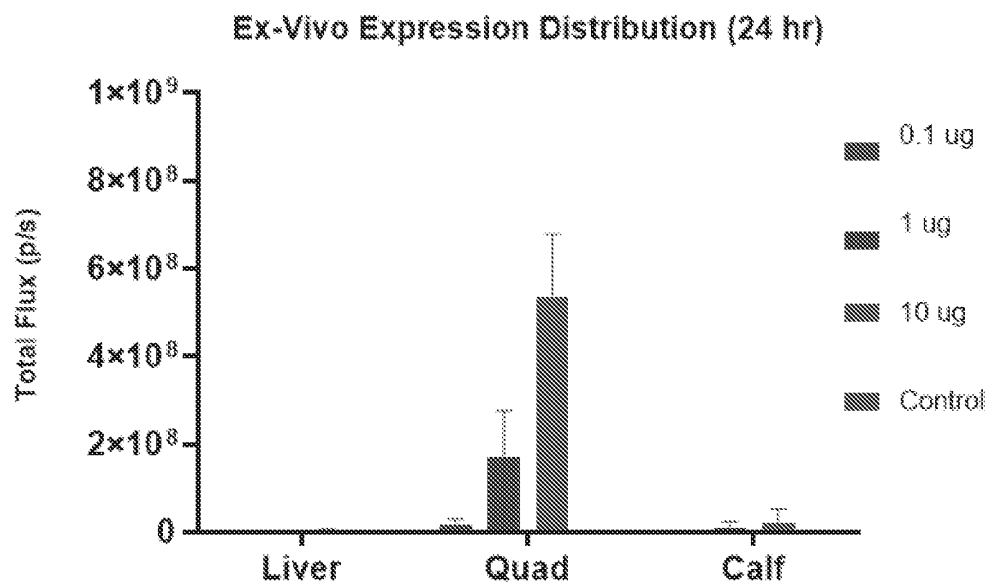


FIG. 75C

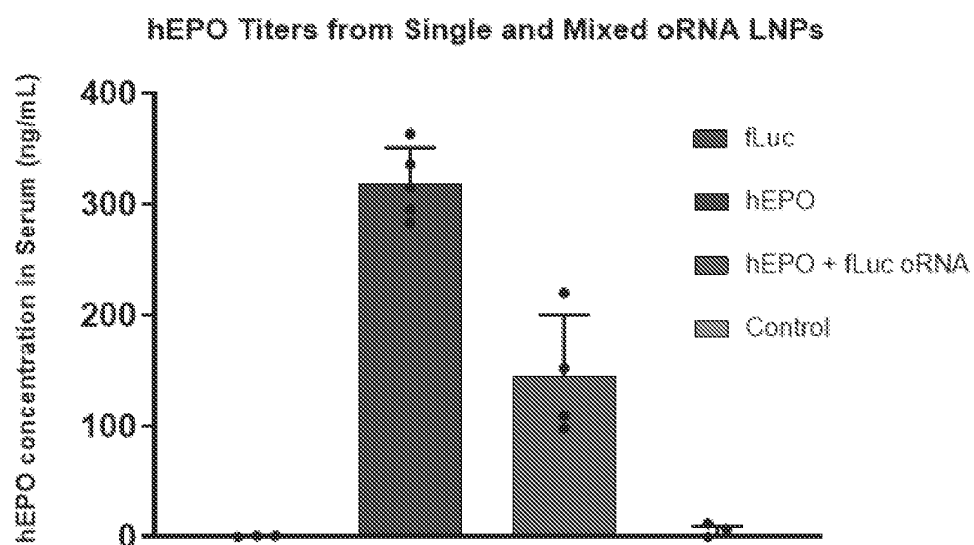


FIG. 76A

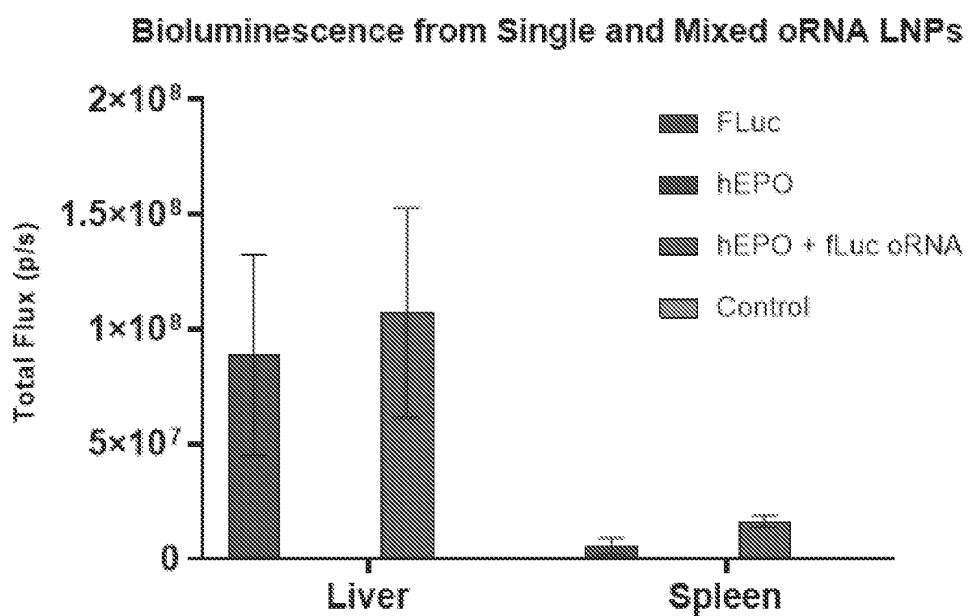


FIG. 76B

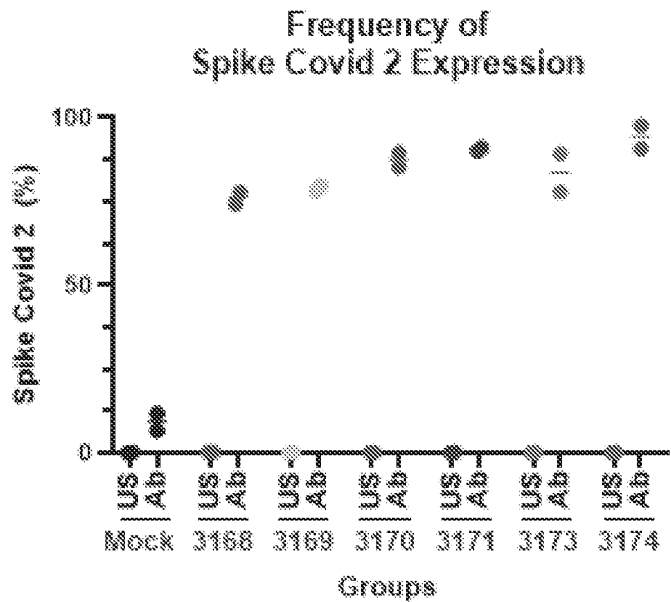


FIG. 77A

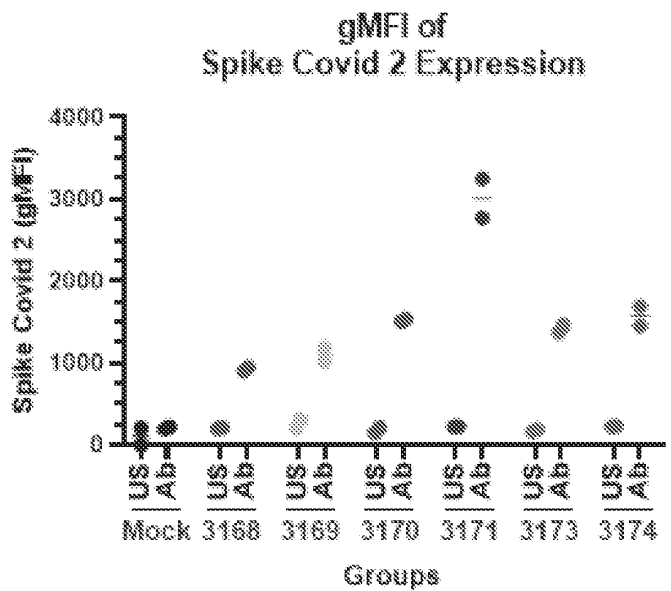


FIG. 77B

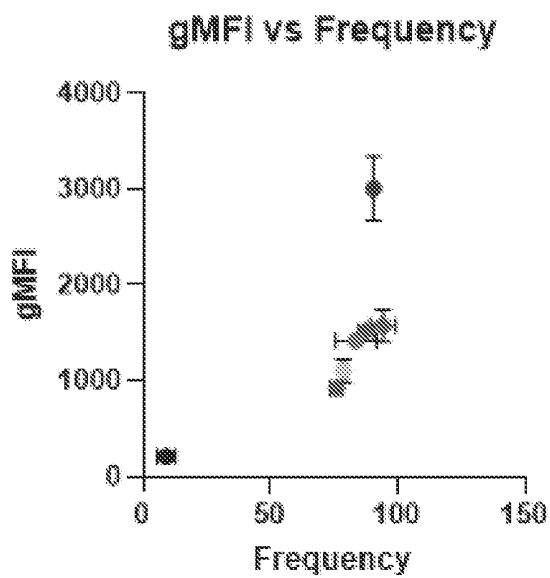


FIG. 77C