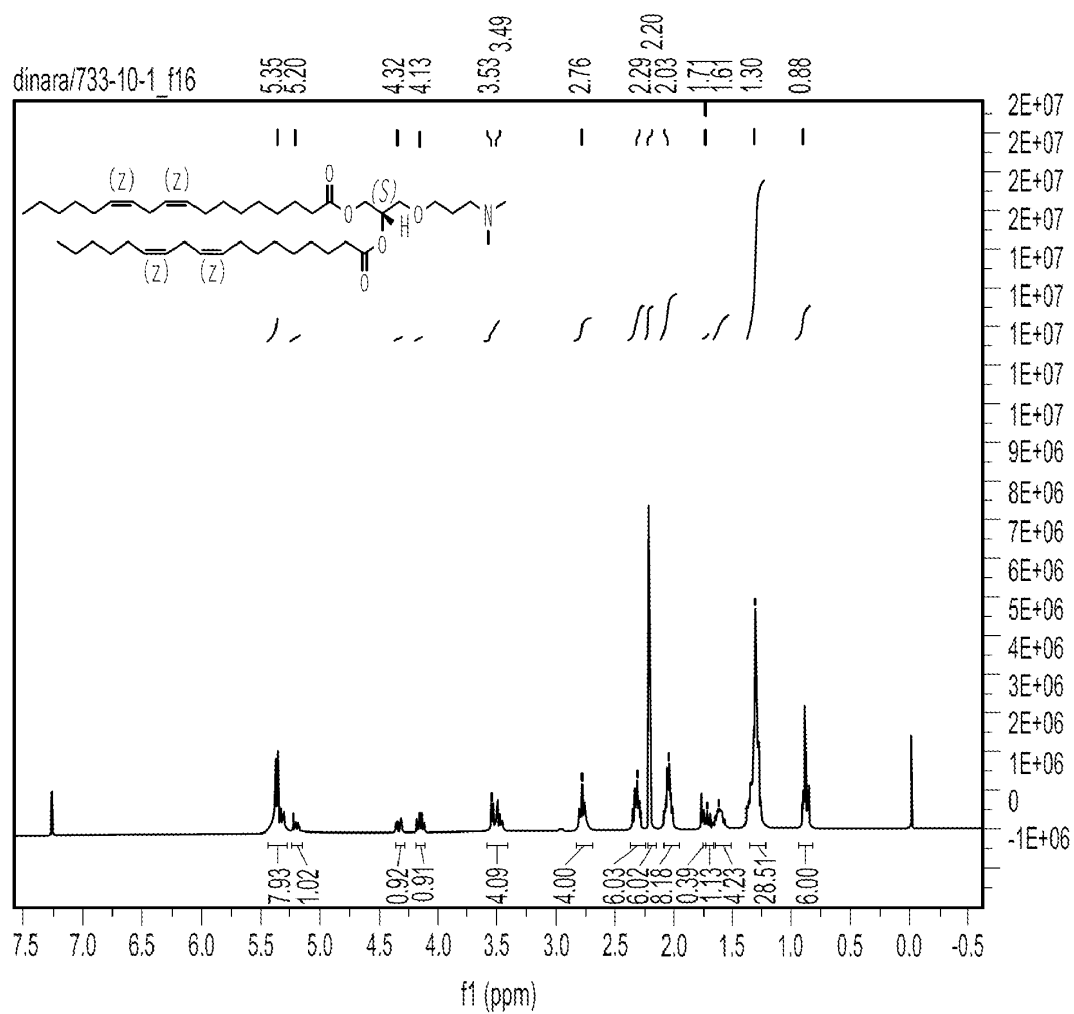


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FIG. 1



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FIG. 2A

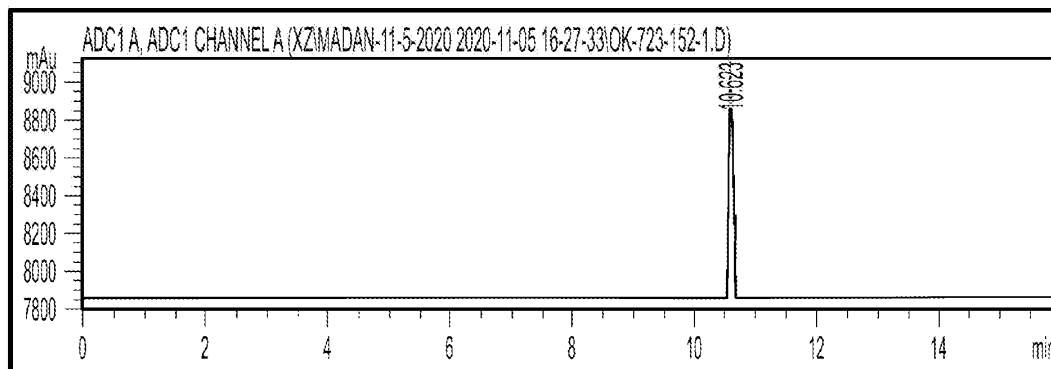
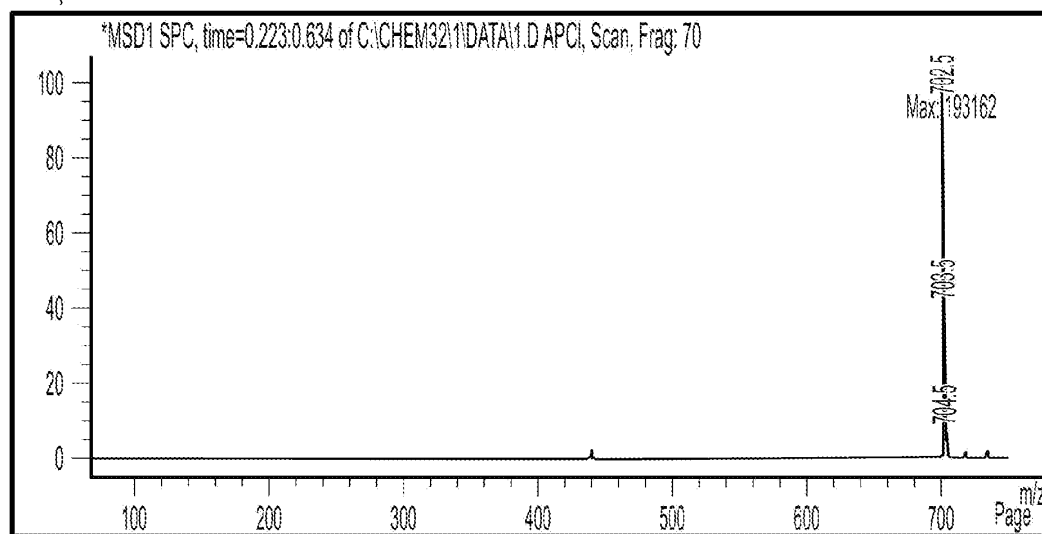


FIG. 2B

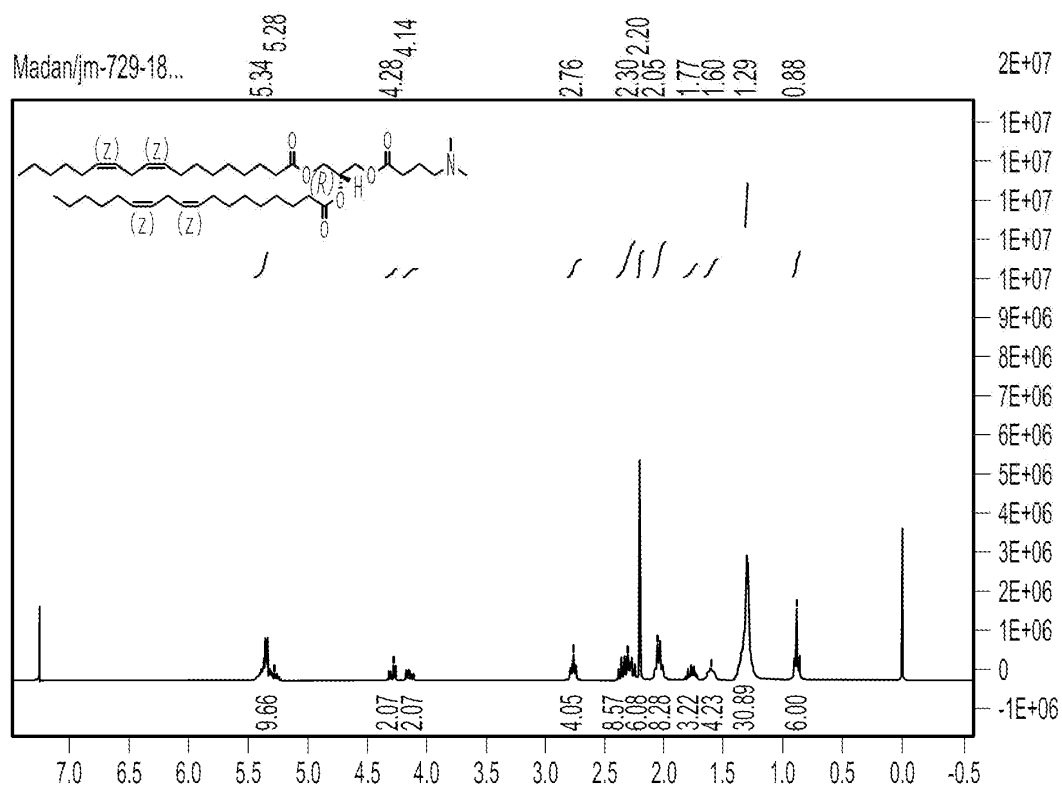
MS Spectrum



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FIG. 3



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FIG. 4A

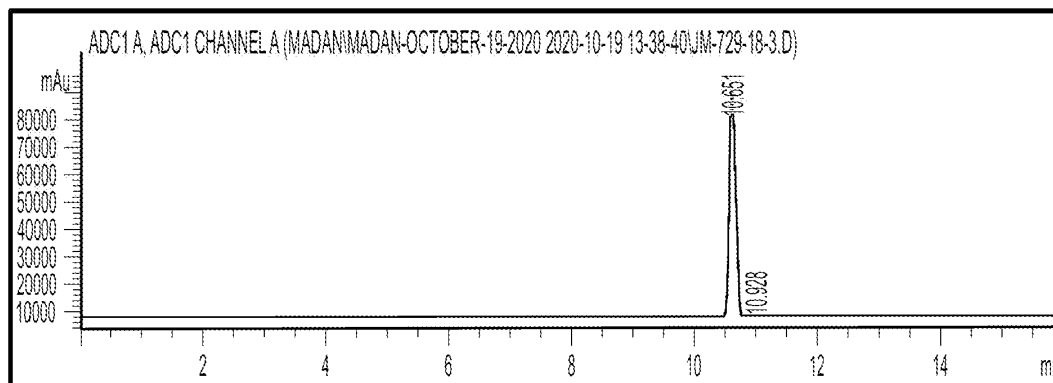
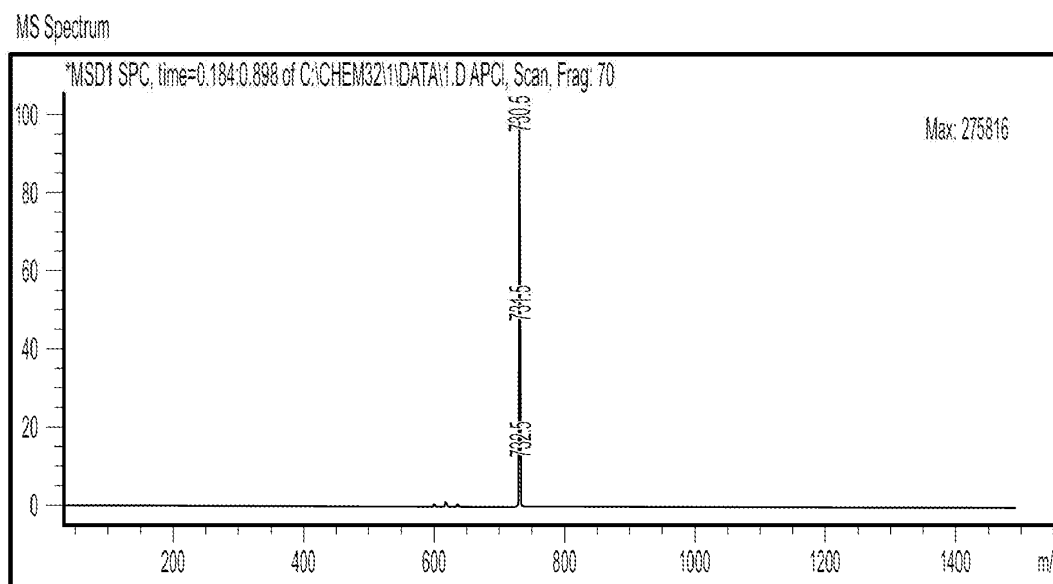
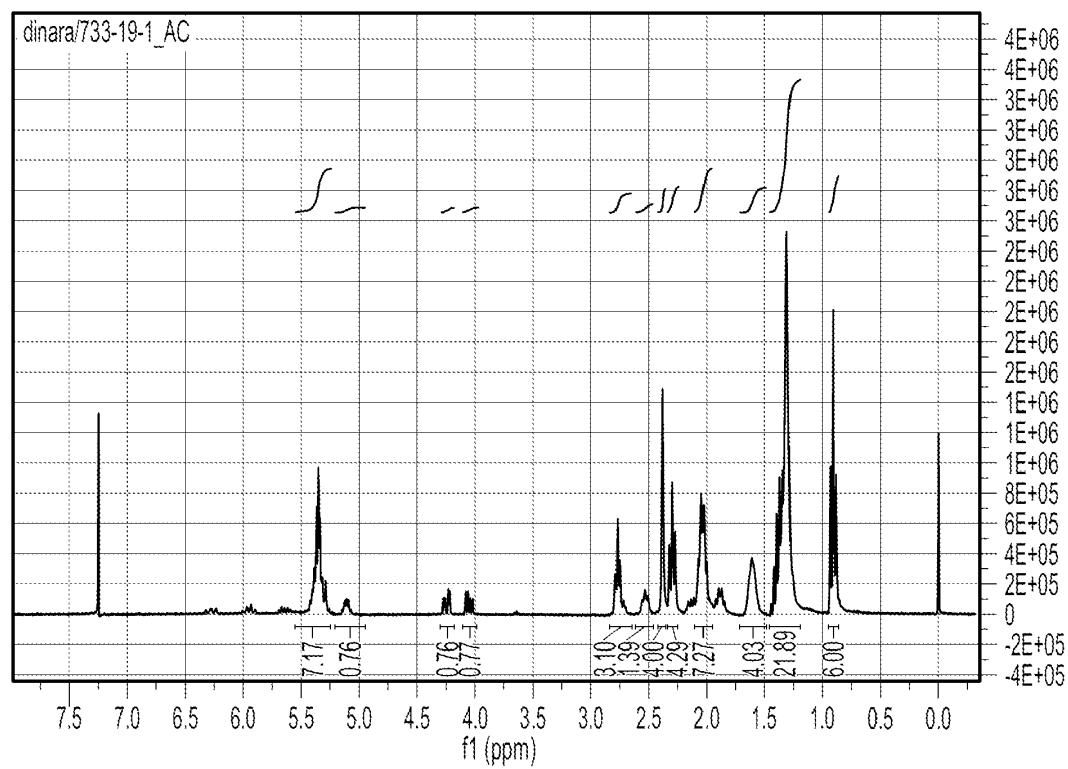


FIG. 4B



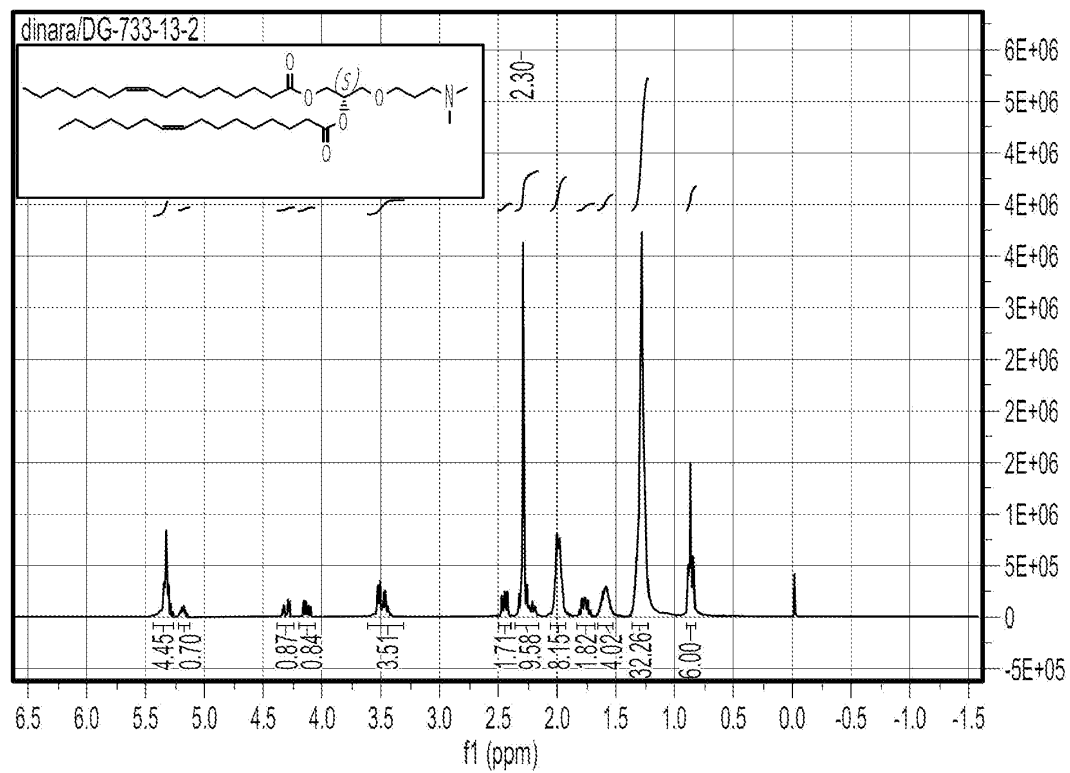
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FIG. 5



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FIG. 6



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FIG. 7A

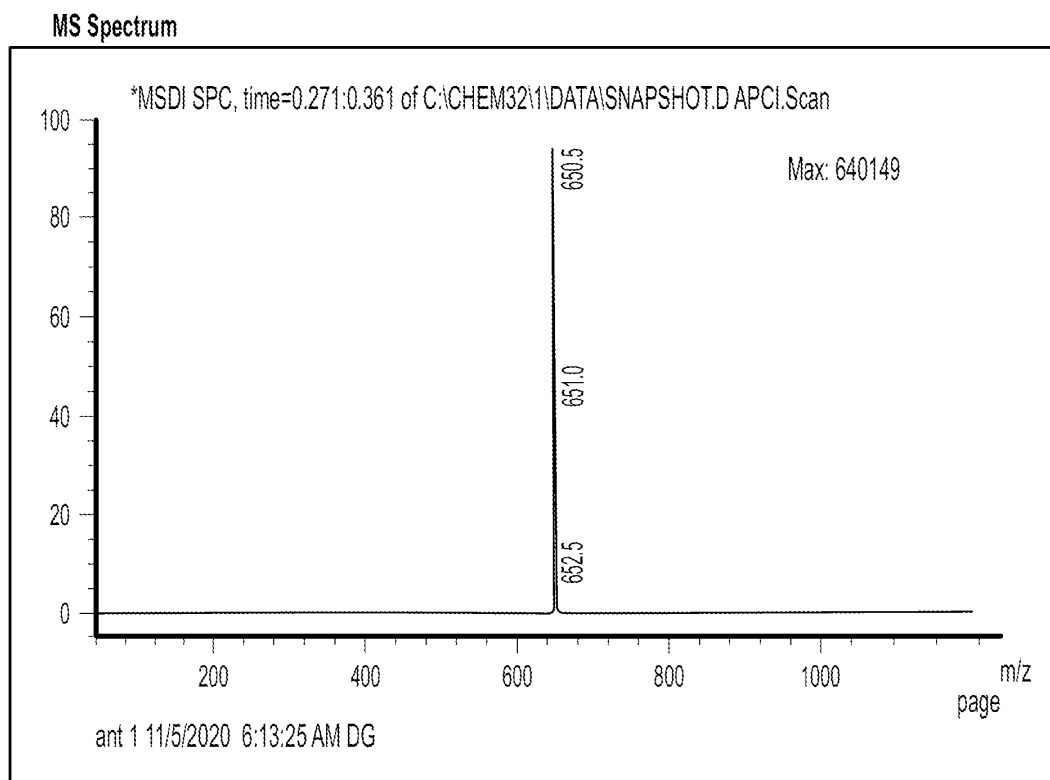
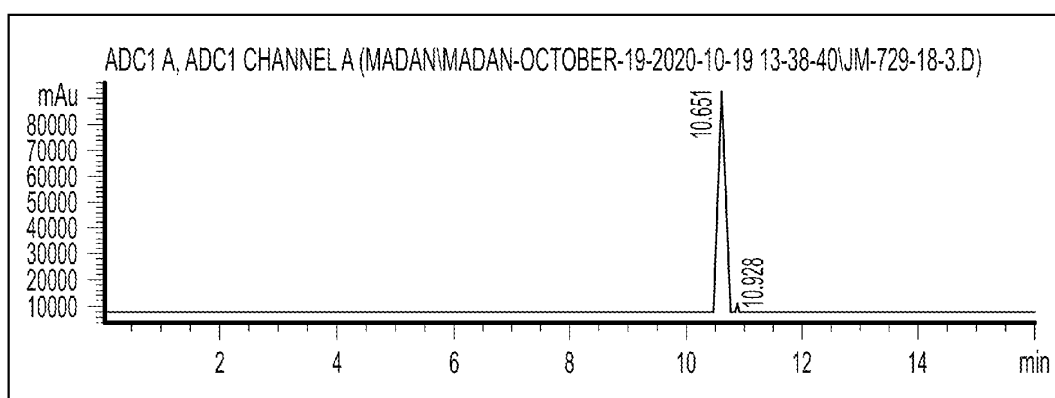


FIG. 7B



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FIG. 8A

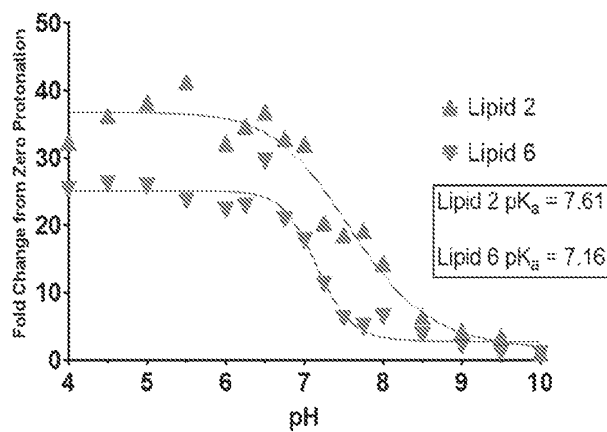
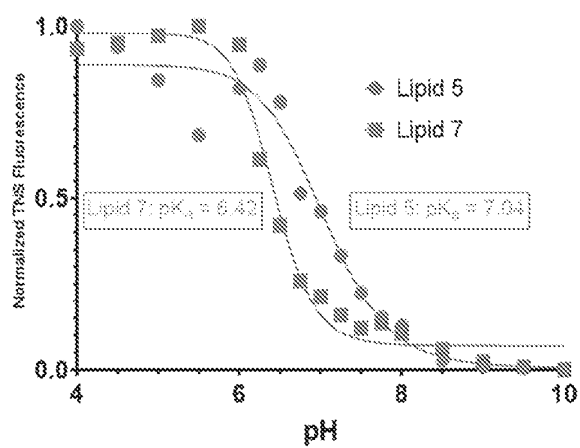


FIG. 8B



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FIG. 9A

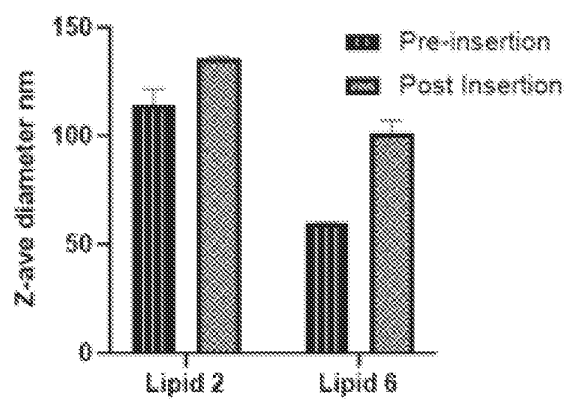
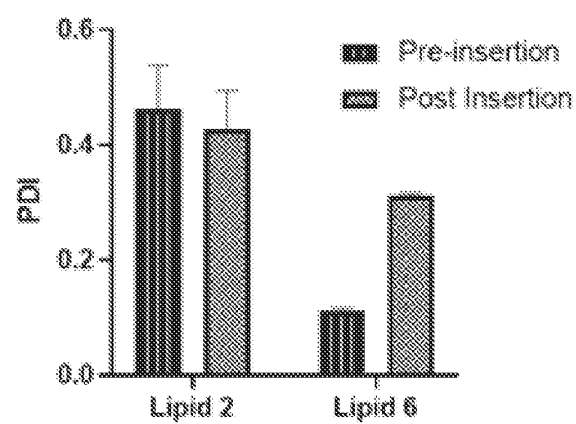
Lipid 2 and Lipid 6 LNP Size (DLS)

FIG. 9B

Lipid 2 and Lipid 6 LNP PDI (DLS)

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FIG. 10A

Lipid 5 and Lipid 7 LNP Size (DLS)

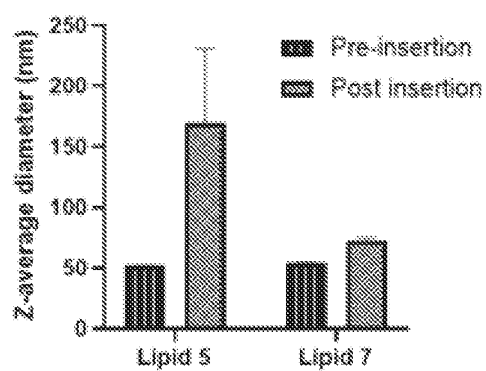


FIG. 10B

Lipid 5 and Lipid 7 LNP PDI (DLS)

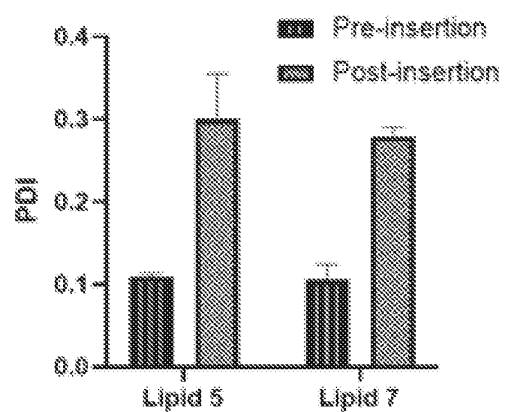


FIG. 11A

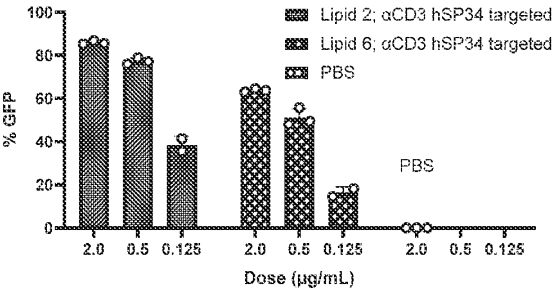


FIG. 11B

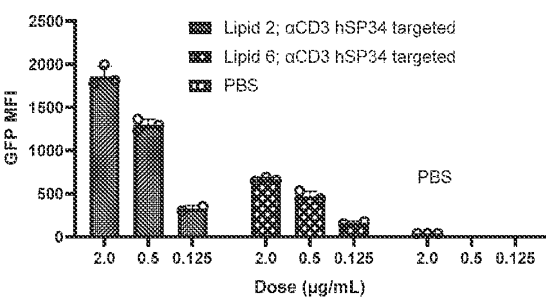


FIG. 11C

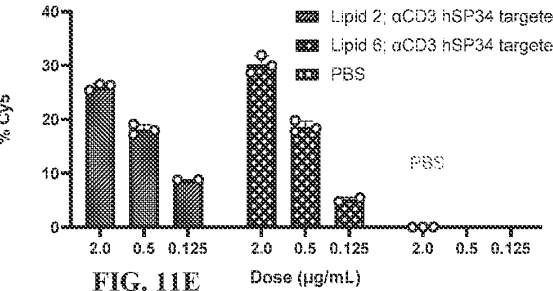


FIG. 11D

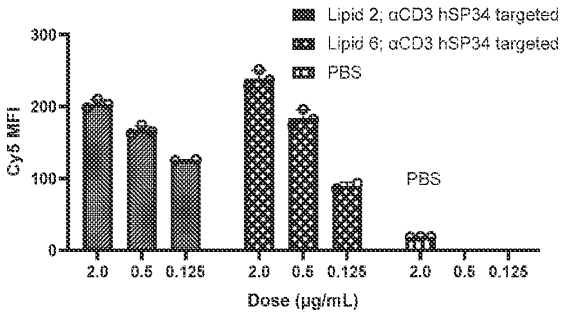


FIG. 11E

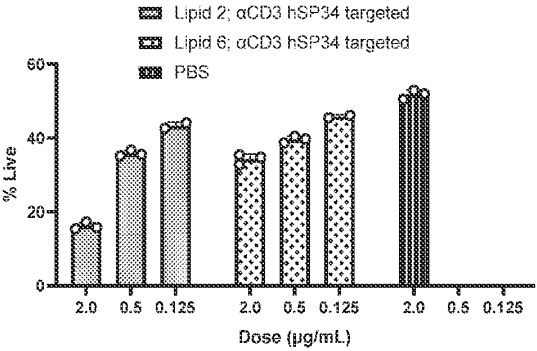


FIG. 12A

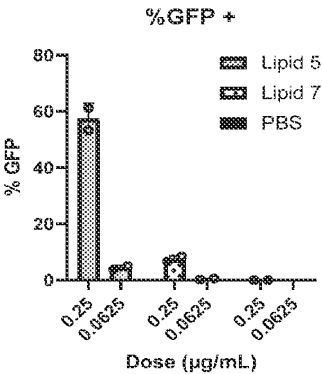


FIG. 12B

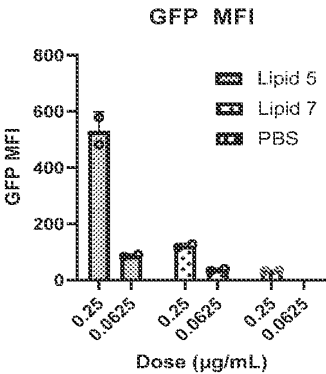


FIG. 12C

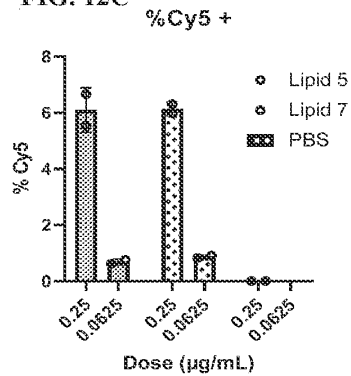


FIG. 12D

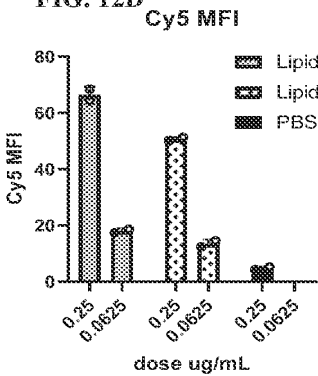


FIG. 12E

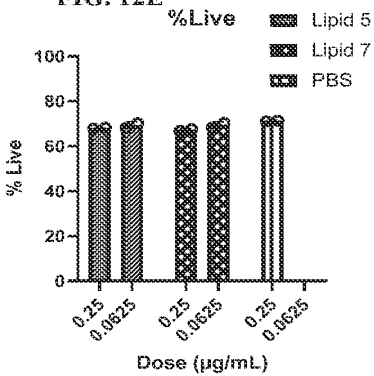


FIG.13A

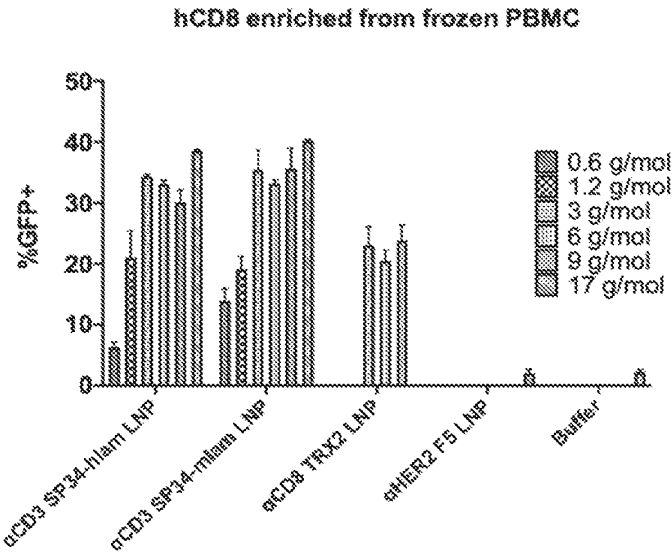


FIG. 13B

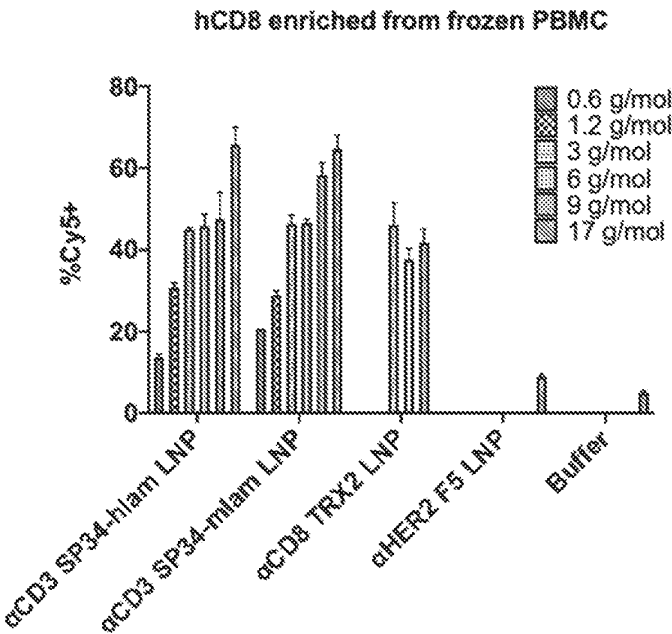


FIG. 14A

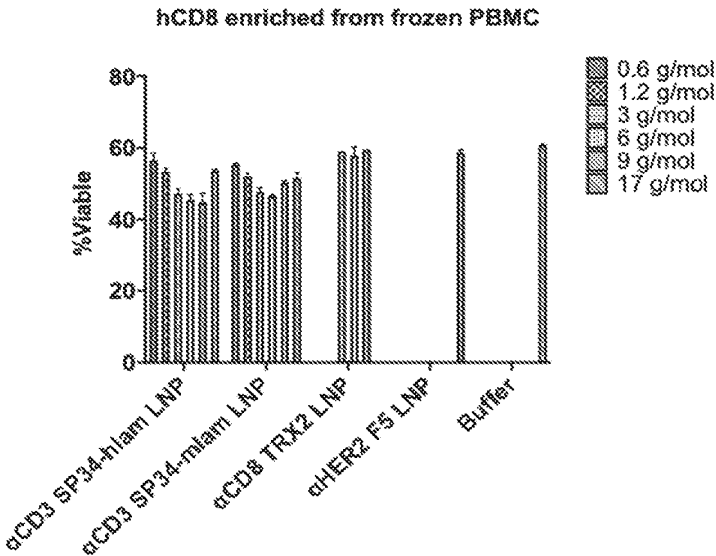


FIG. 14B

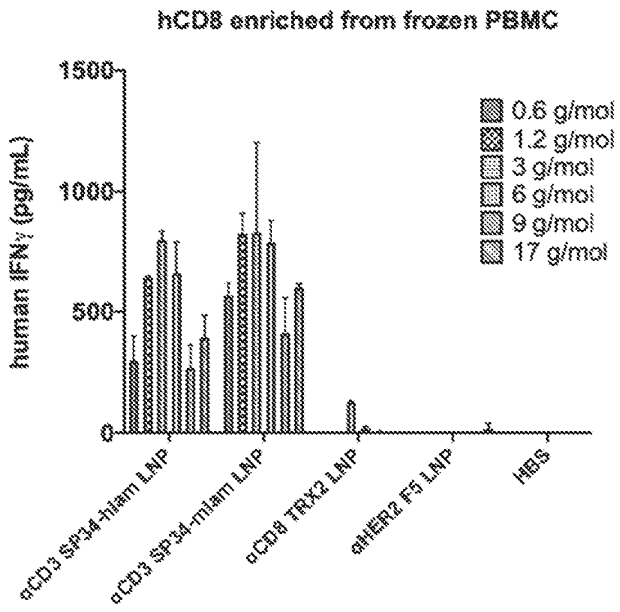


FIG. 17

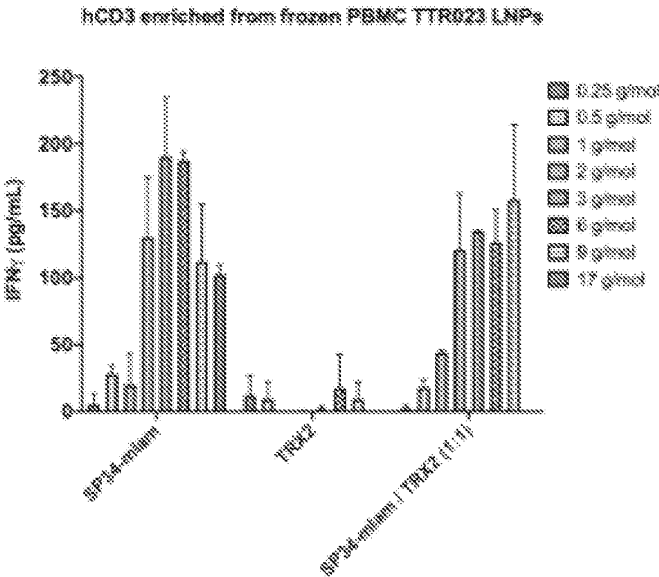


FIG. 18A

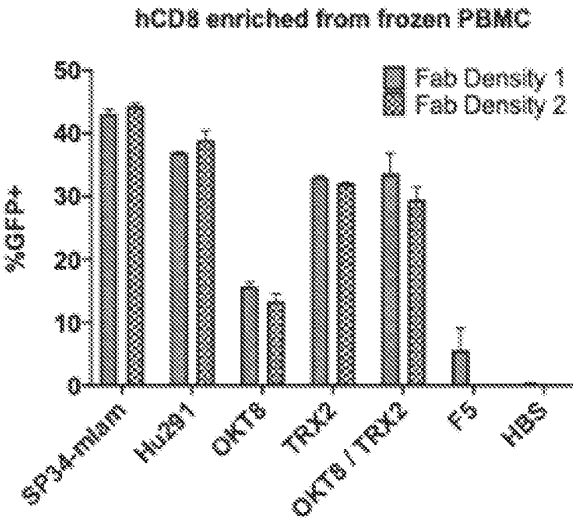


FIG. 18B

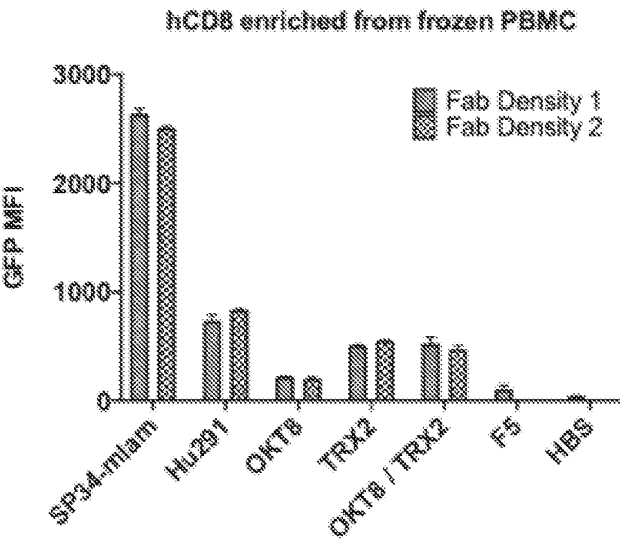


FIG. 19A

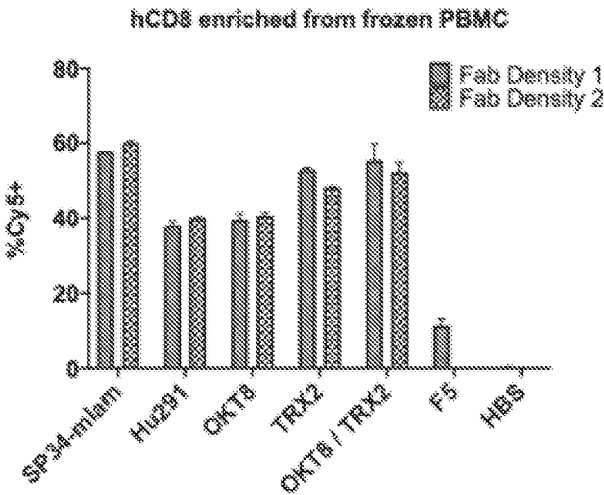


FIG. 19B

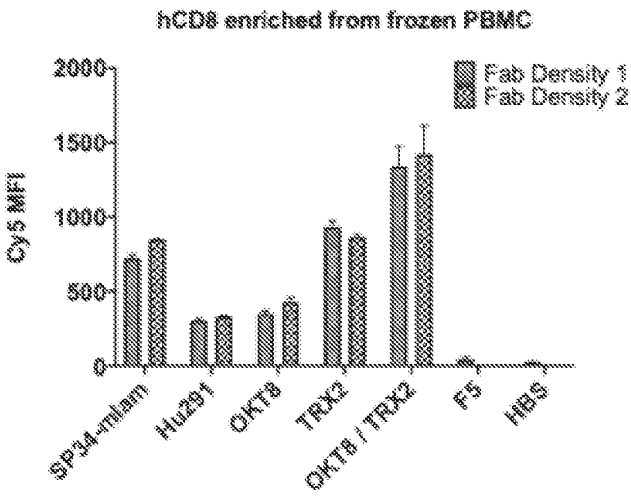


FIG. 20A

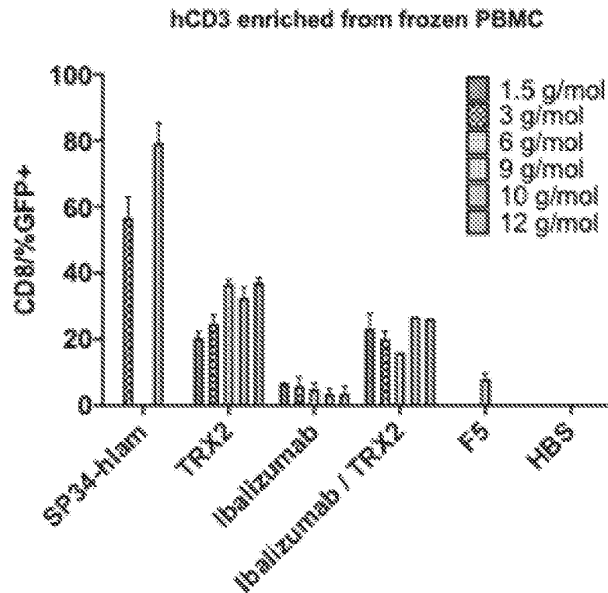


FIG. 20B

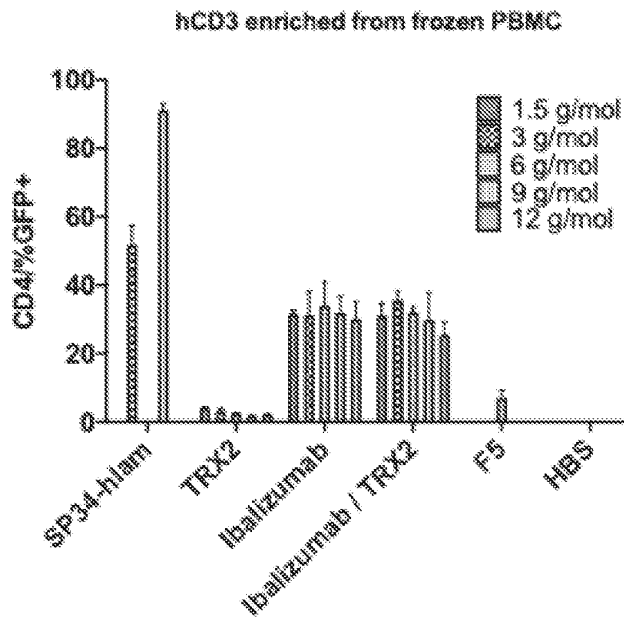


FIG. 21A

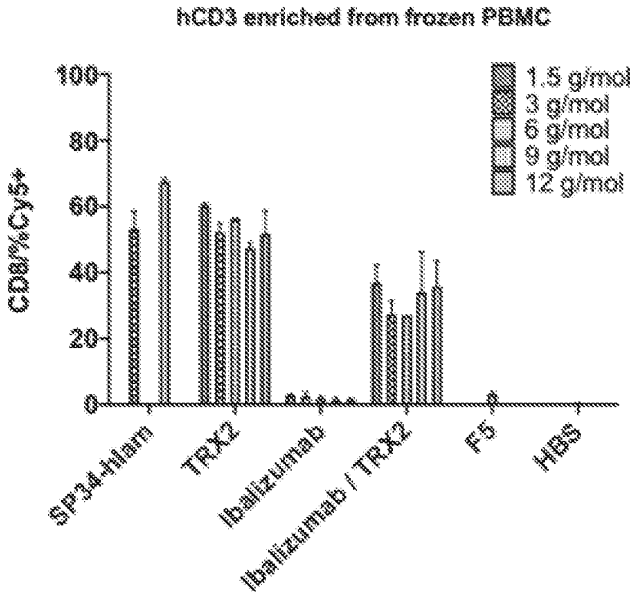


FIG. 21B

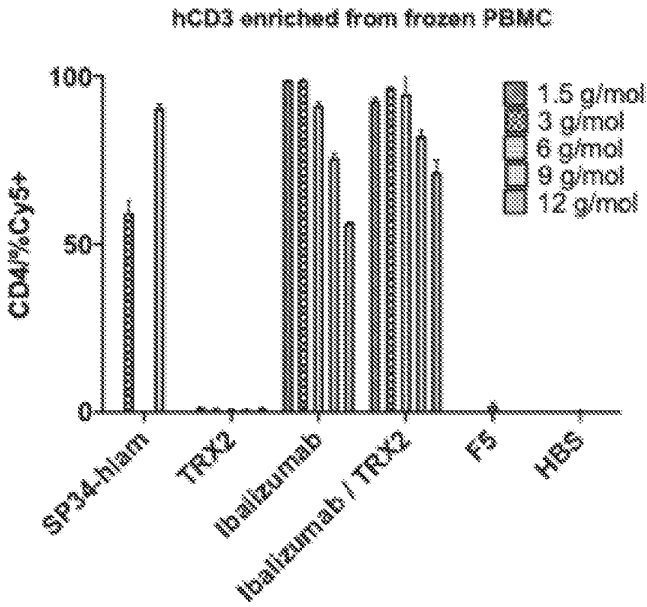


FIG. 22A

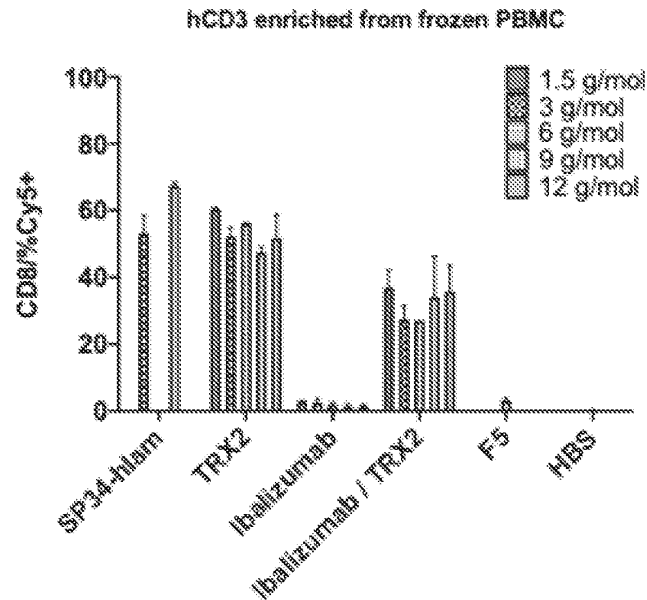


FIG. 22B

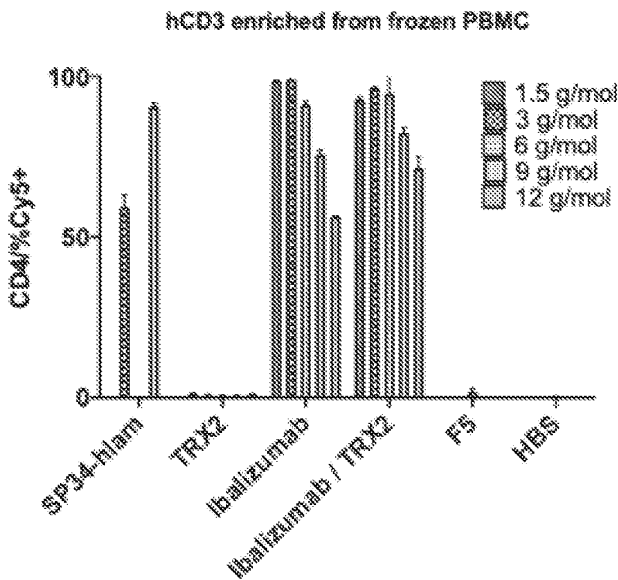


FIG. 23

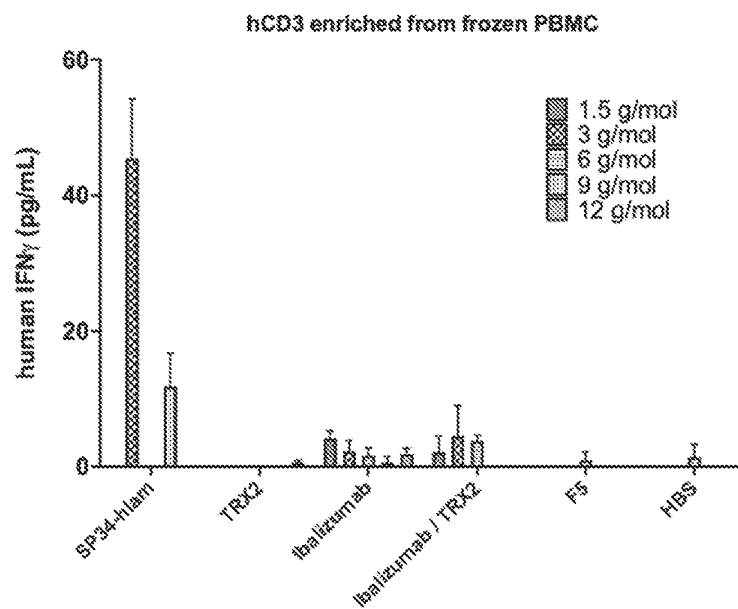


FIG. 24A

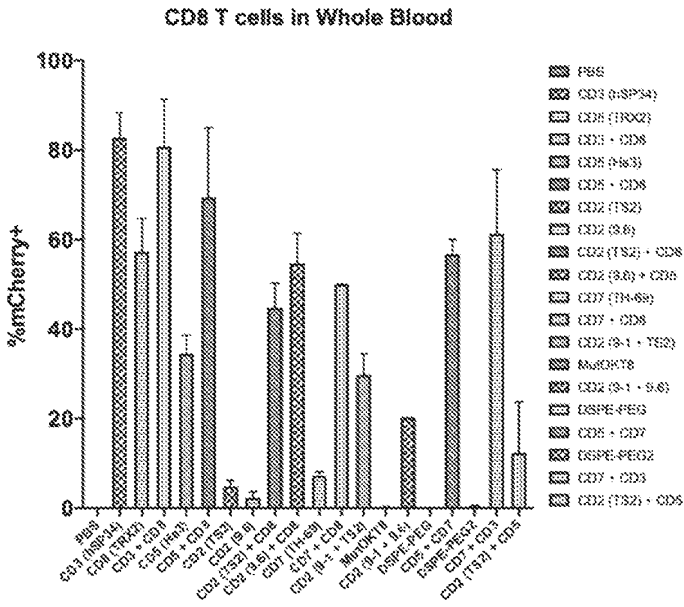


FIG. 24B

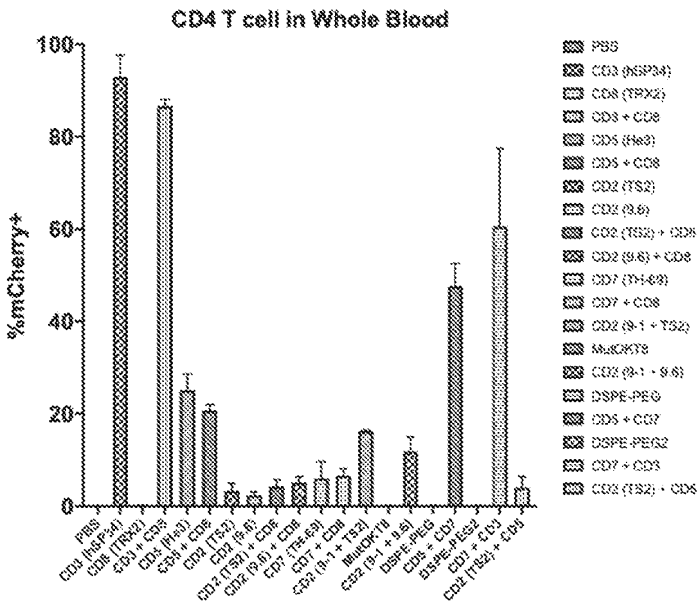


FIG. 25A

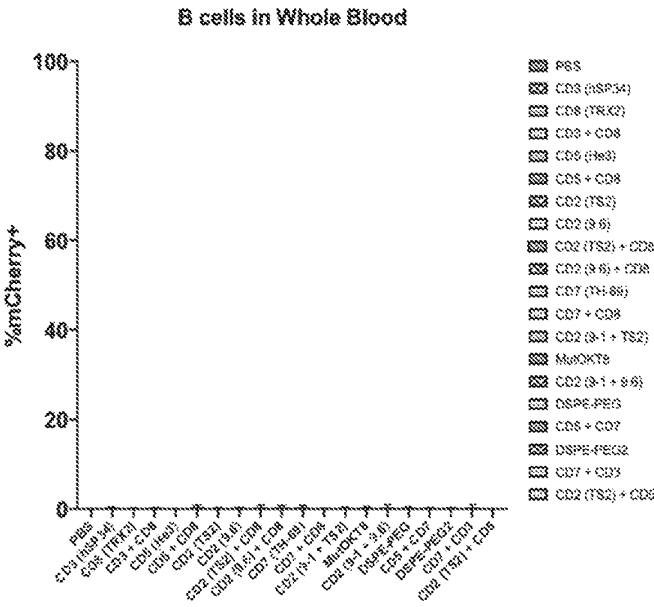


FIG. 25B

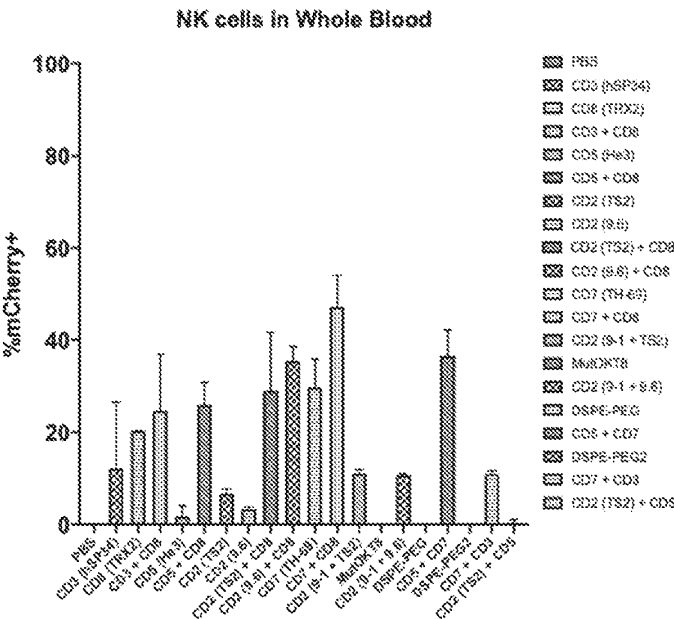


FIG. 26A

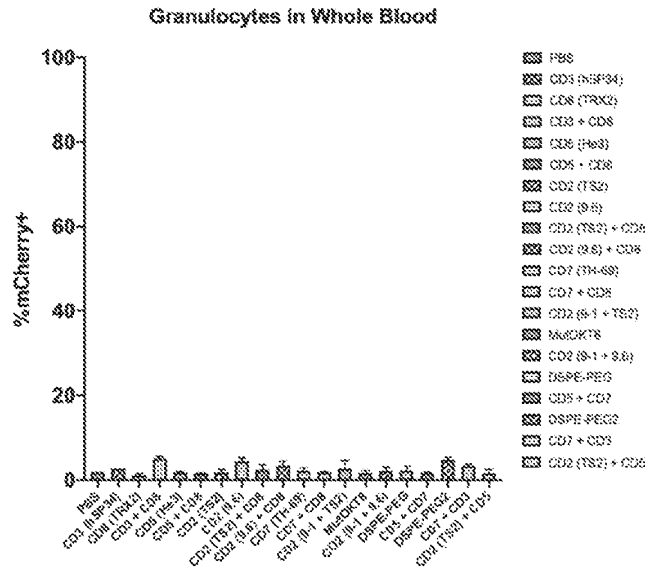


FIG. 26B

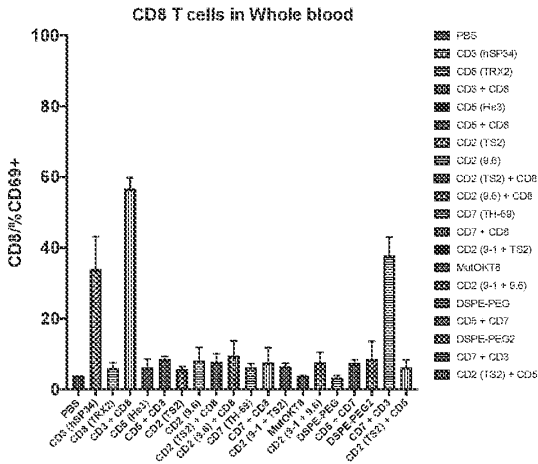
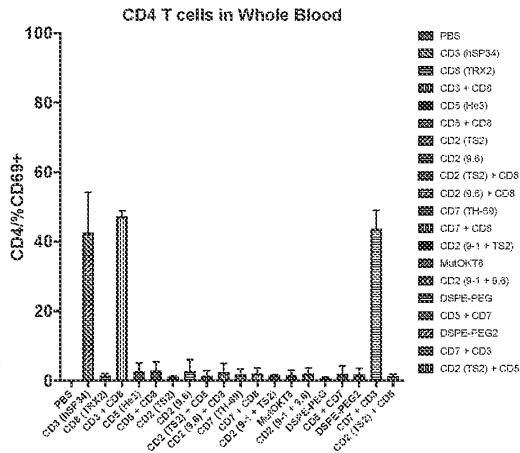


FIG. 26C



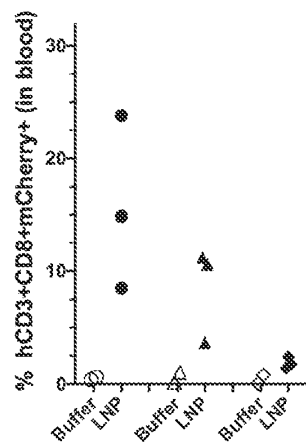


FIG. 27C

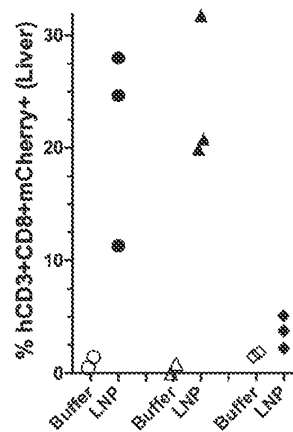
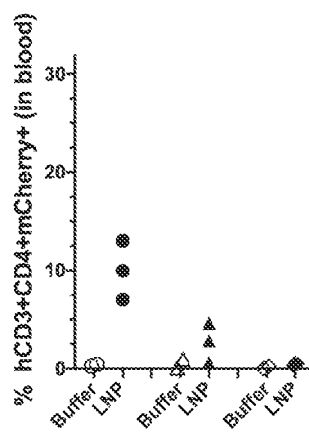


FIG. 27D

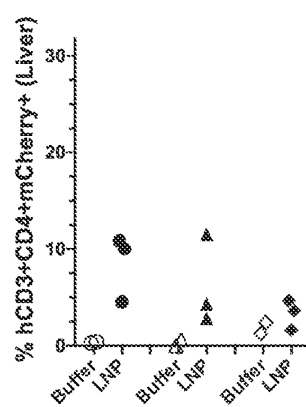


FIG. 27E

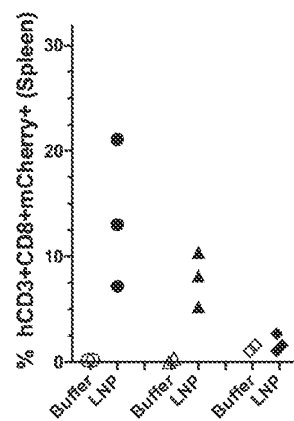
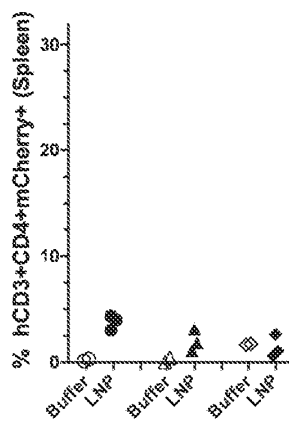
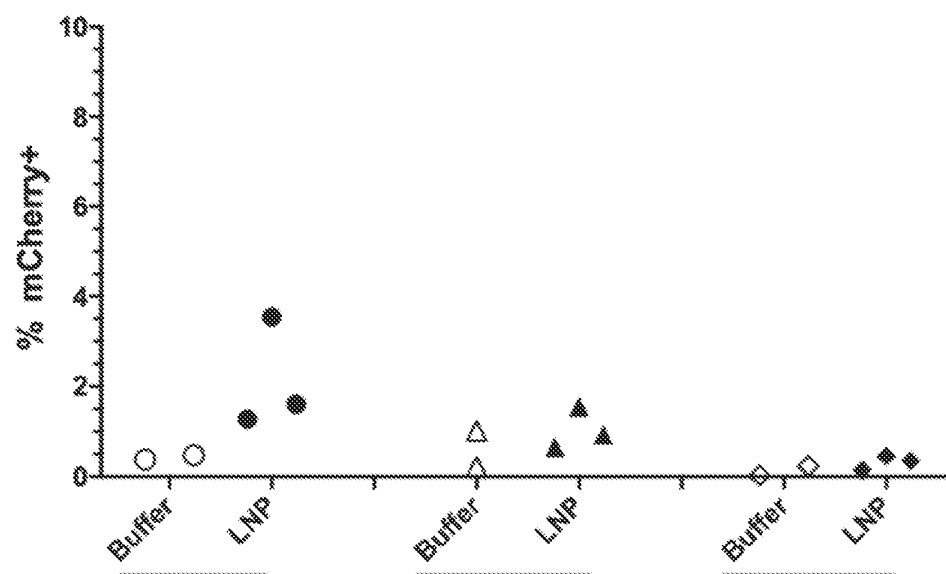


FIG. 27F



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FIG. 28



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FIG. 29A

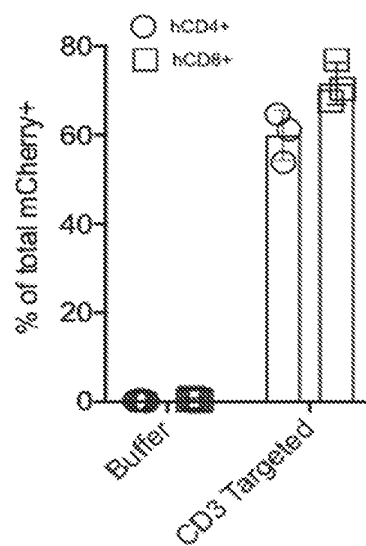


FIG. 29B

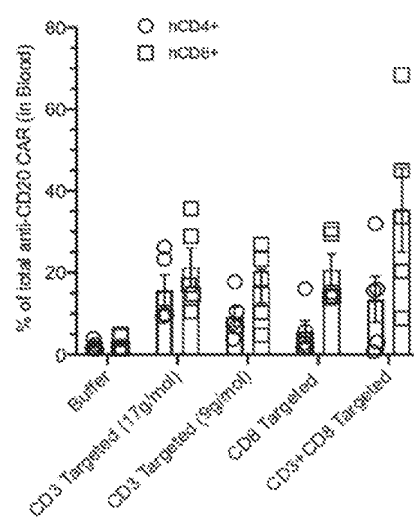


FIG. 30A

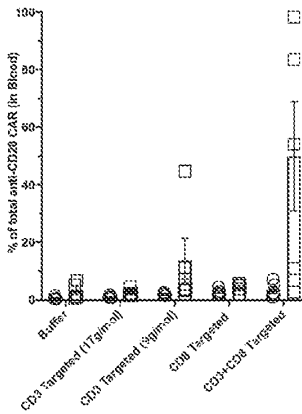


FIG. 30B

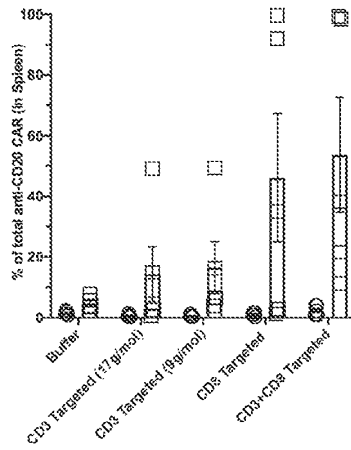


FIG. 30C

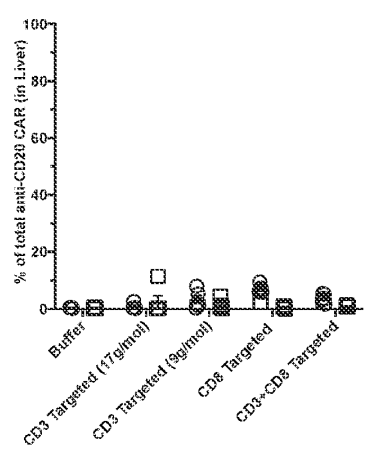


FIG. 30D

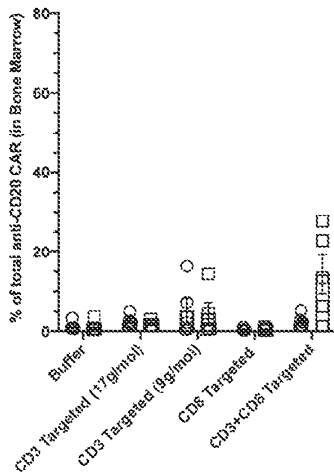


FIG. 30E

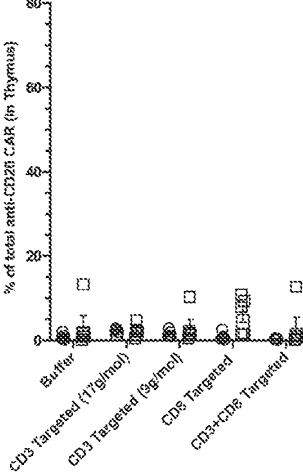


FIG. 31A

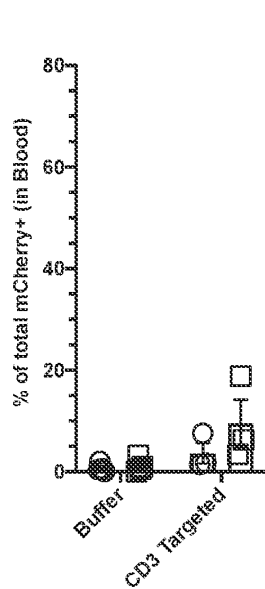


FIG. 31B

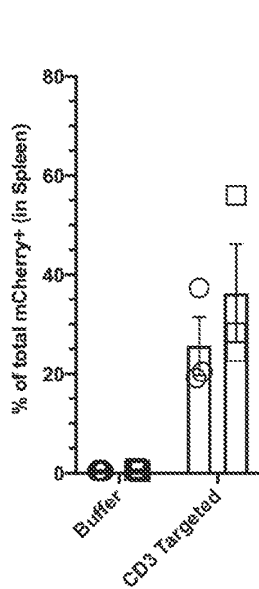


FIG. 31C

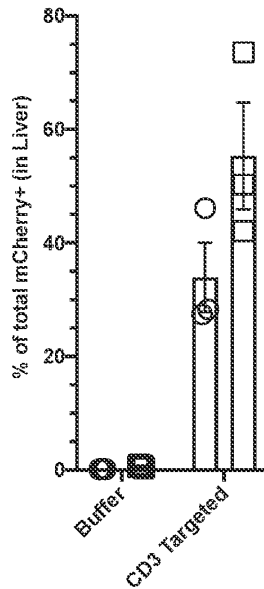


FIG. 31D

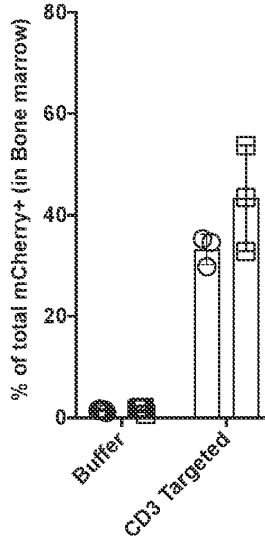


FIG. 31E

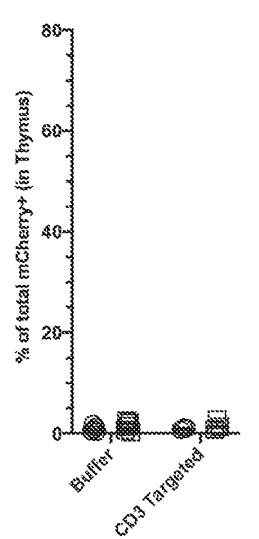


FIG. 32

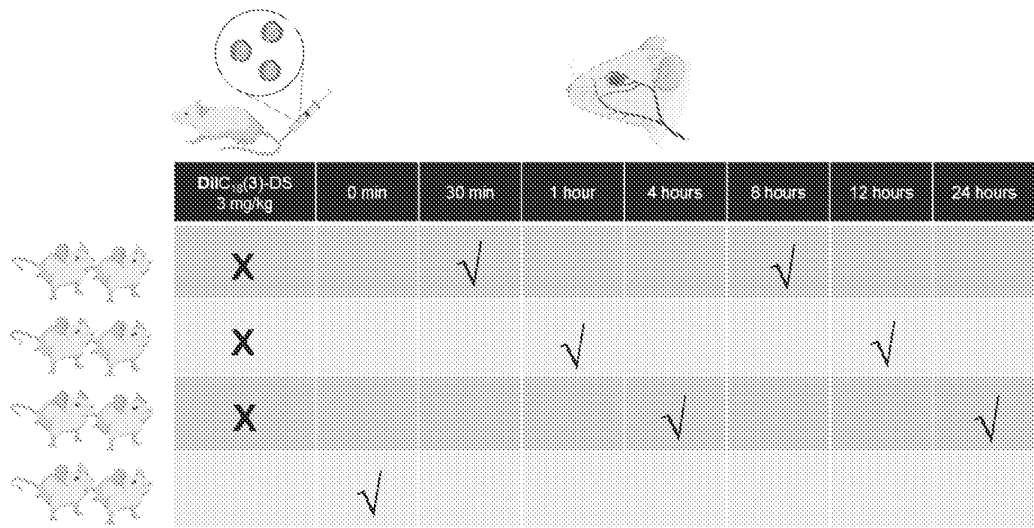


FIG. 33

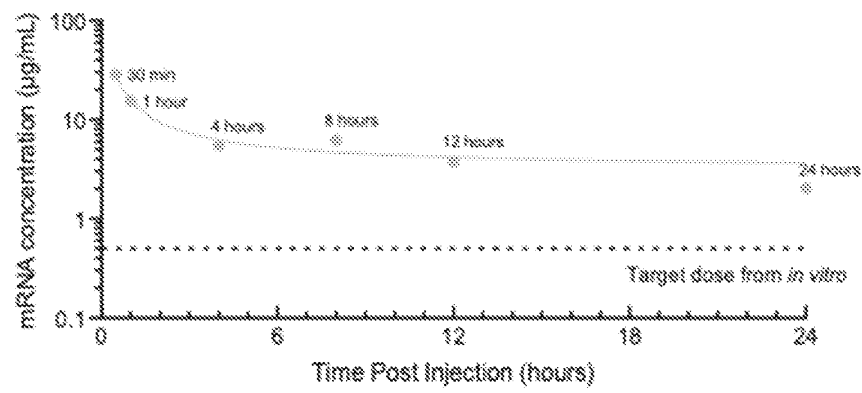


FIG. 34A

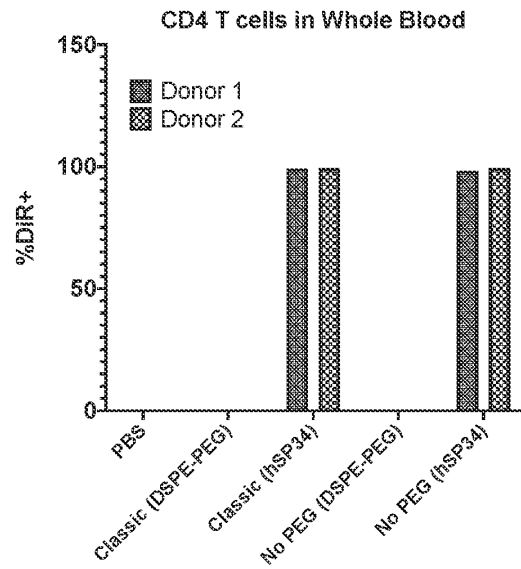


FIG. 34B

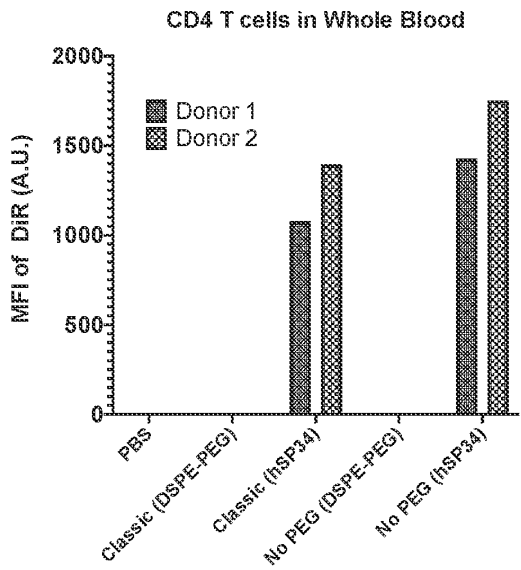


FIG. 35A

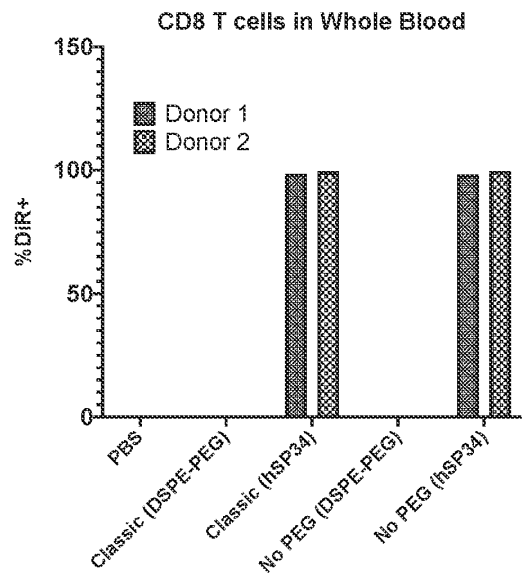


FIG. 35B

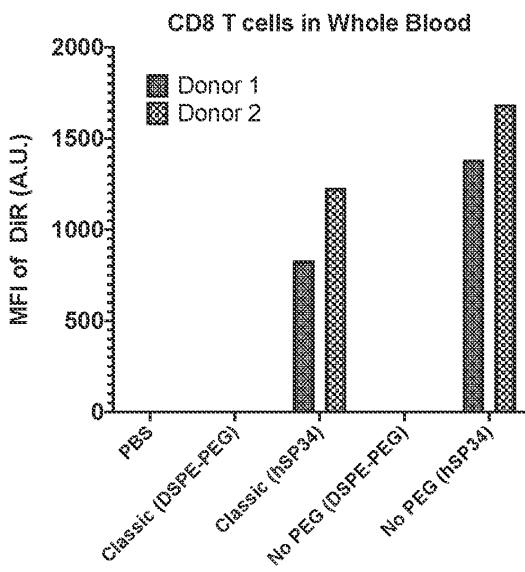


FIG. 36A

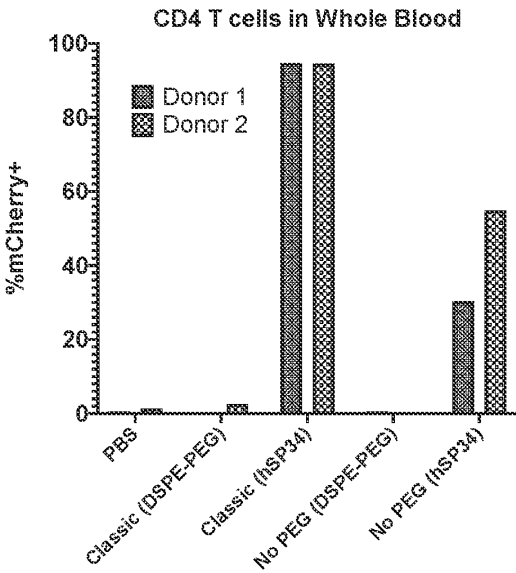


FIG. 36B

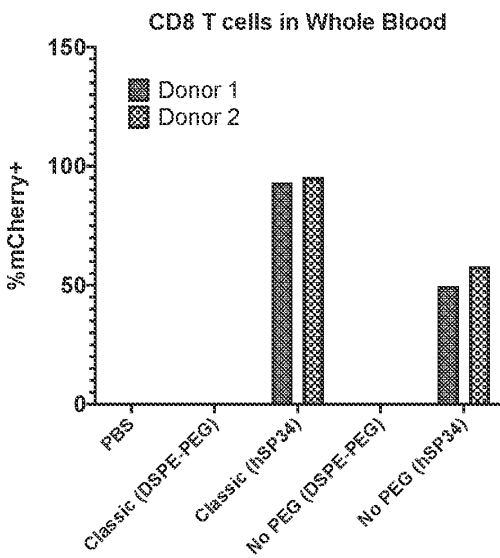


FIG. 37A

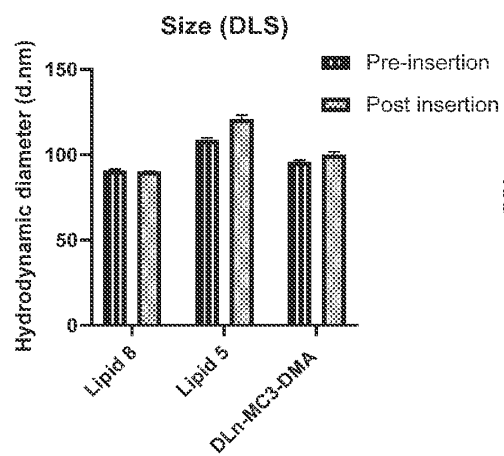


FIG. 37B

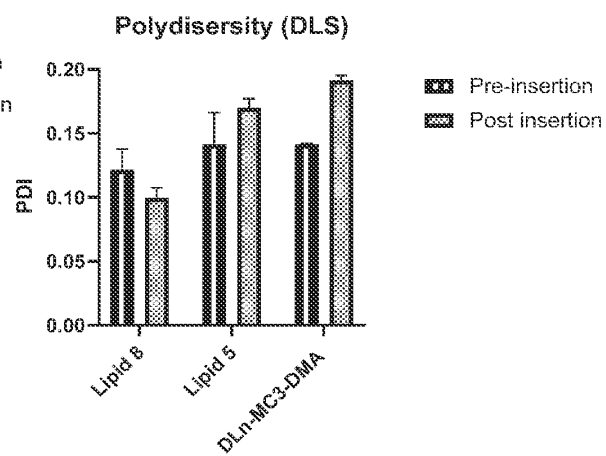


FIG. 38A

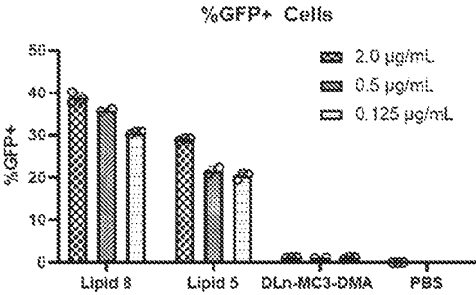


FIG. 38B

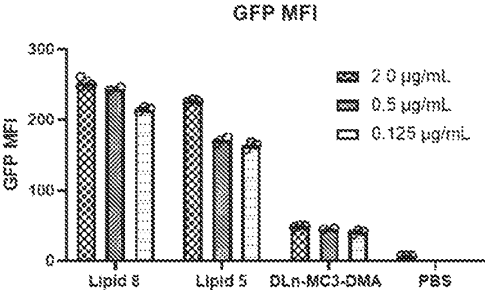


FIG. 38C

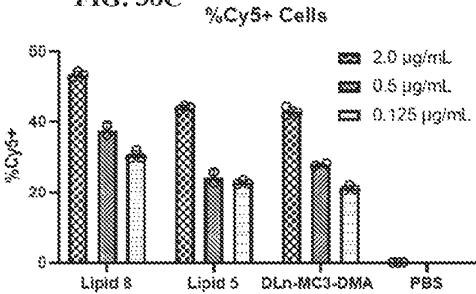


FIG. 38D

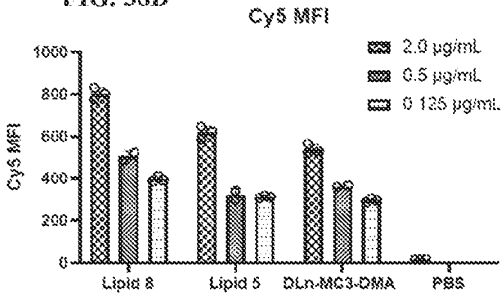


FIG. 38E

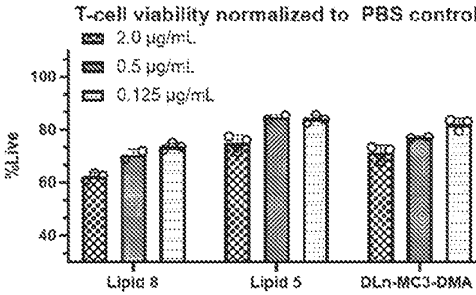
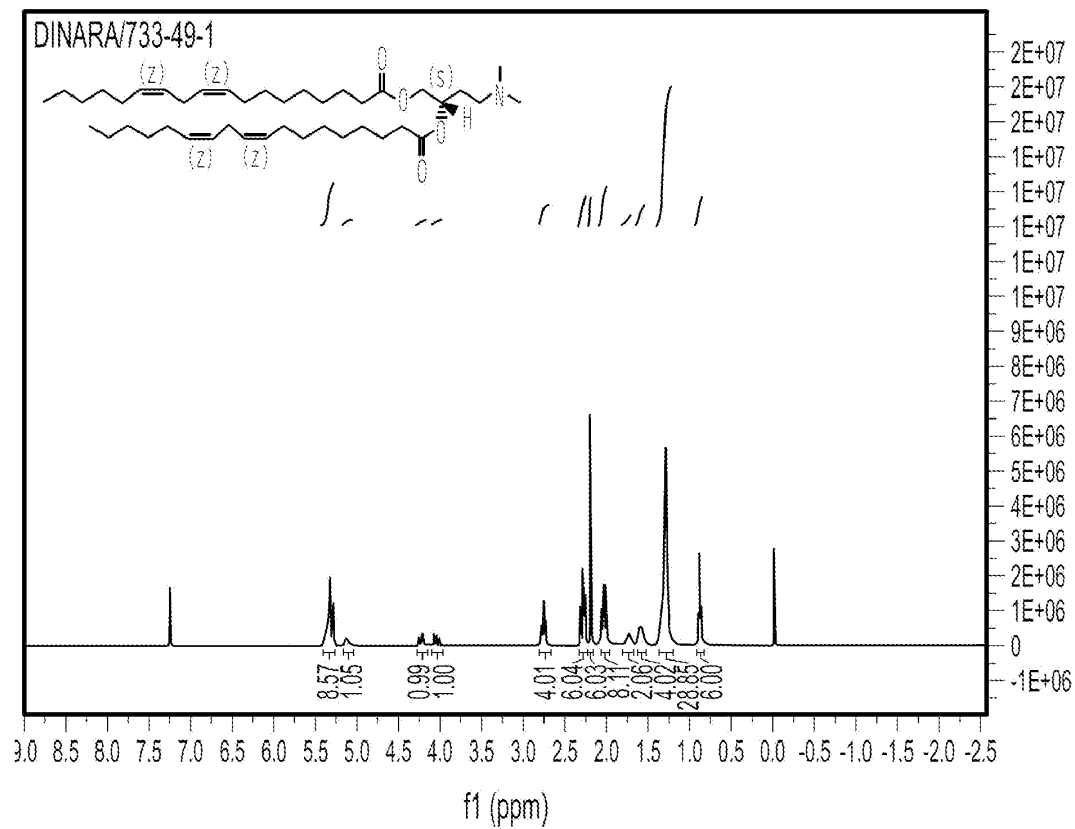


FIG. 39



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FIG. 40A

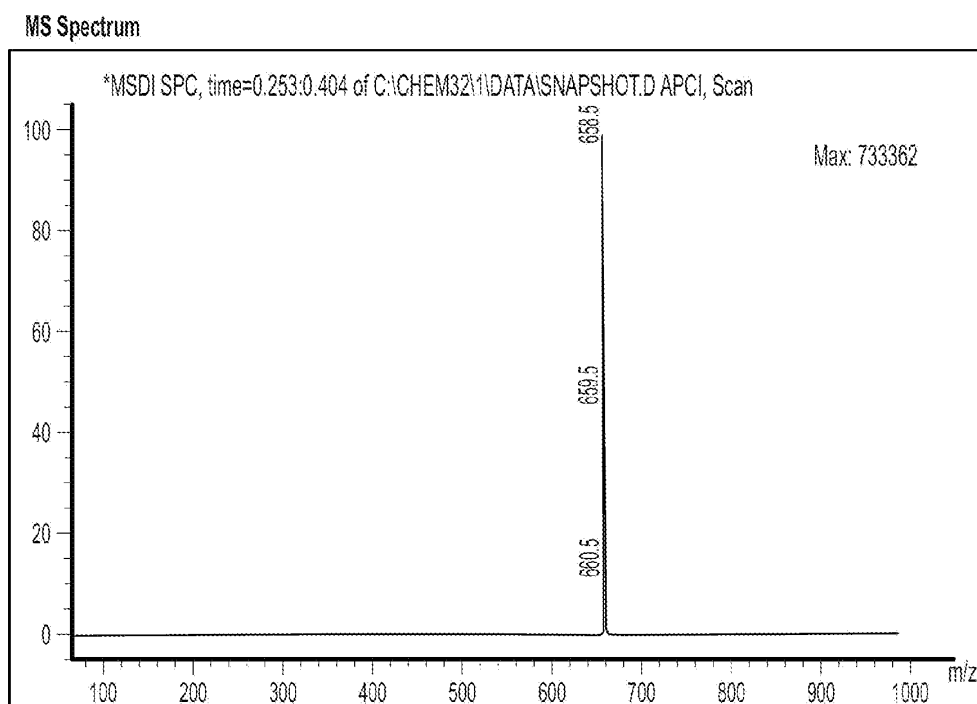


FIG. 40B

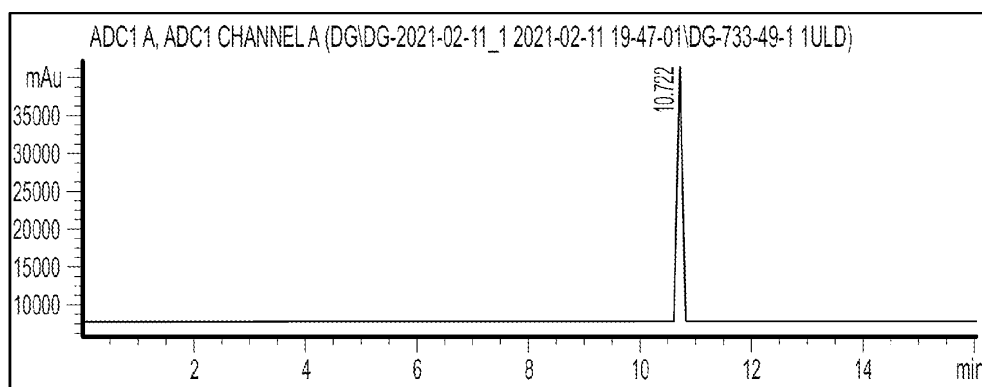


FIG. 41

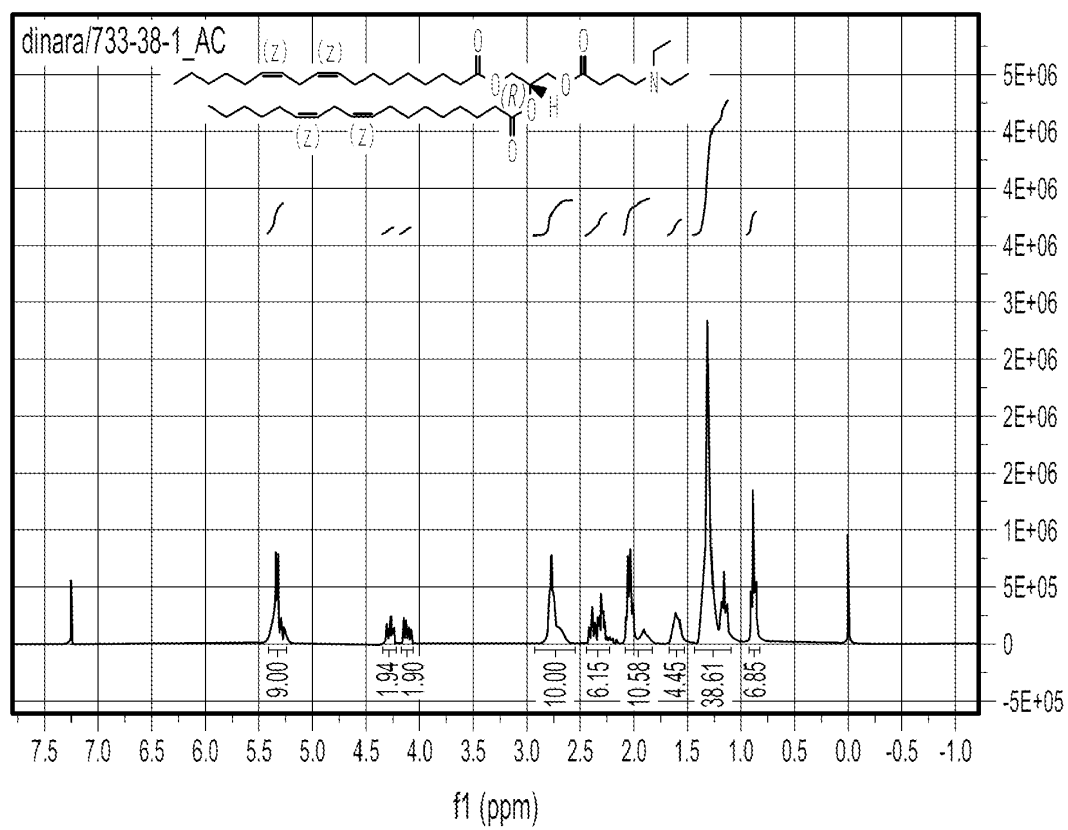


FIG. 42A

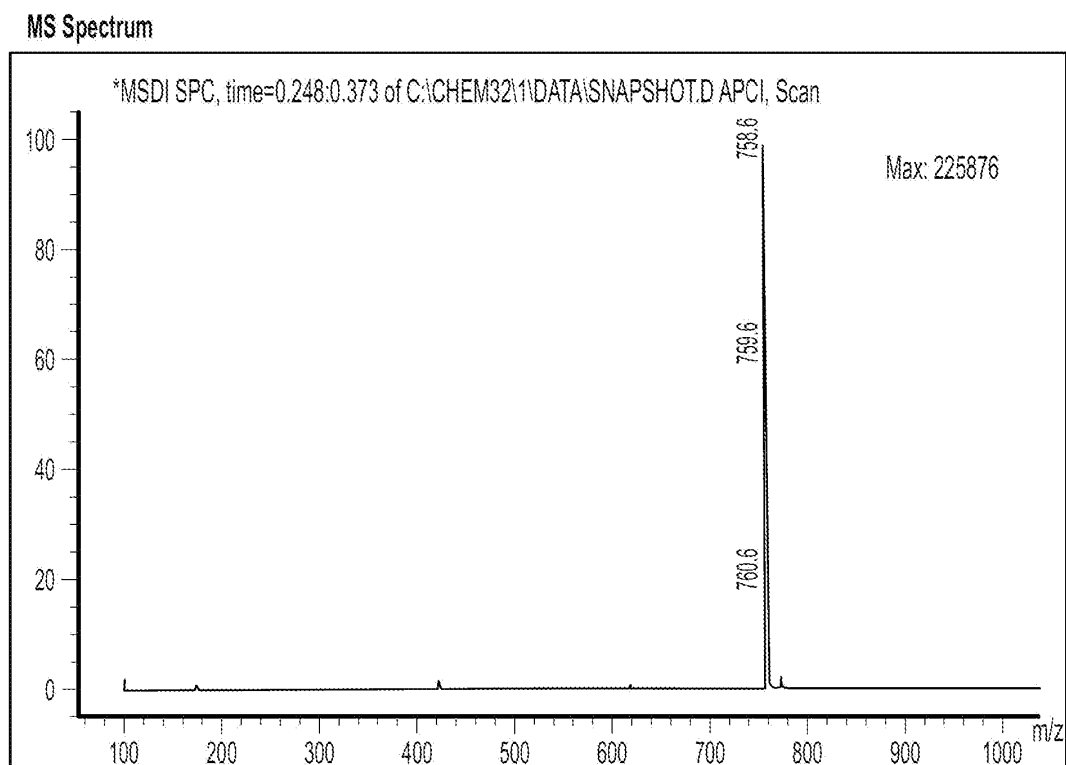


FIG. 42B

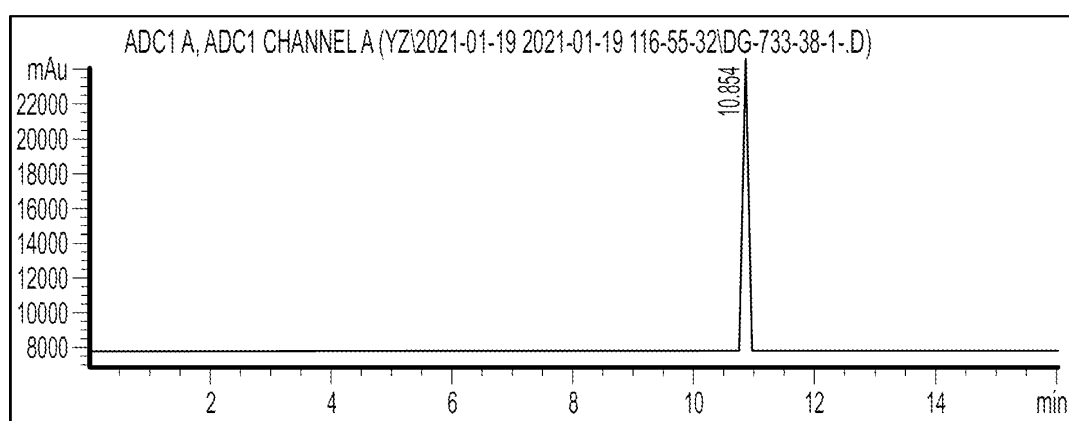


FIG. 43

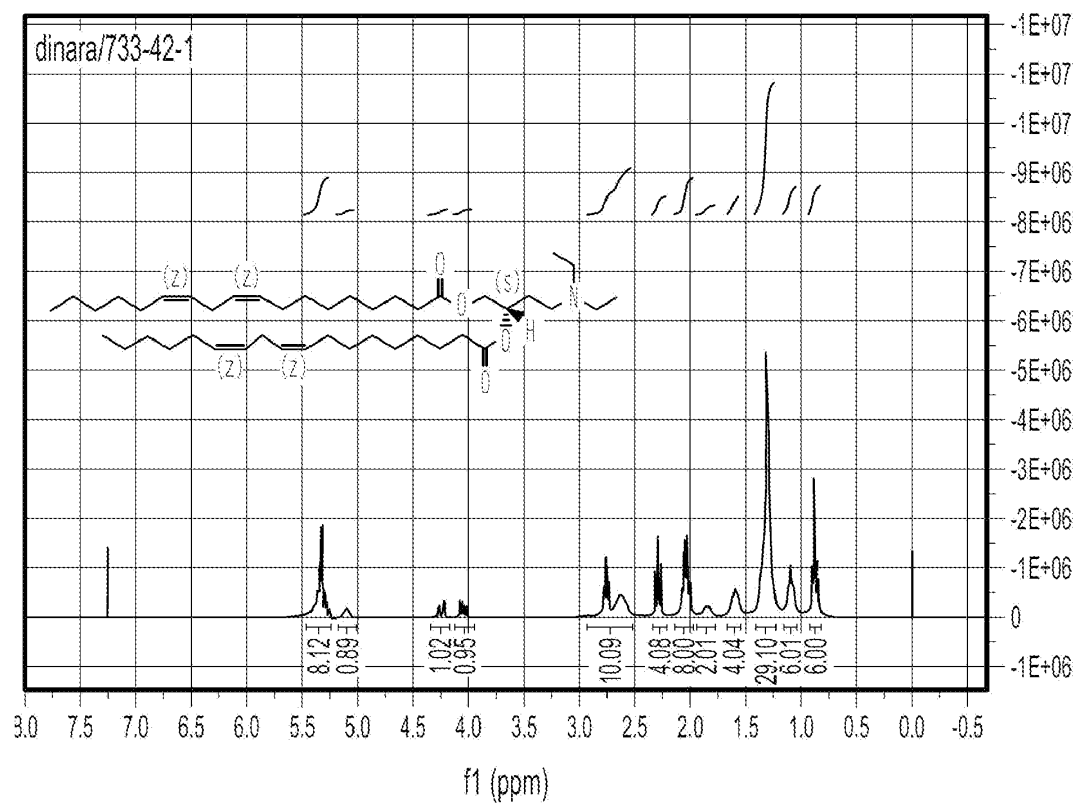


FIG. 44A

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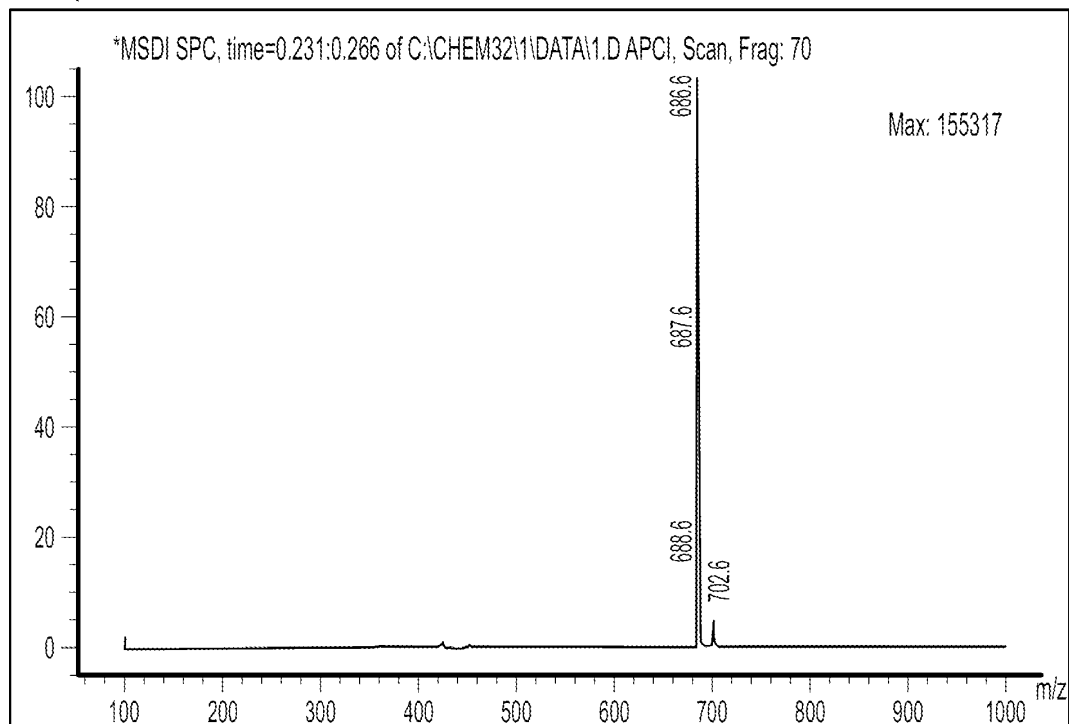


FIG. 44B

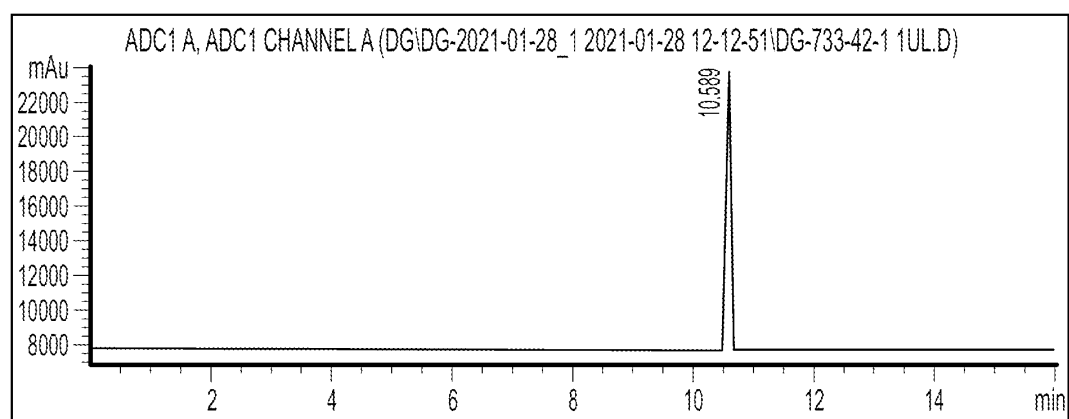


FIG. 45A

Lipid 8 and Lipid 5 LNP Size (DLS)

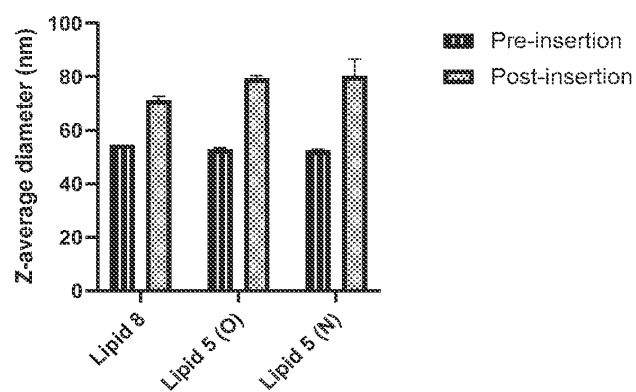


FIG. 45B

Lipid 8 and Lipid 5 LNP PDI (DLS)

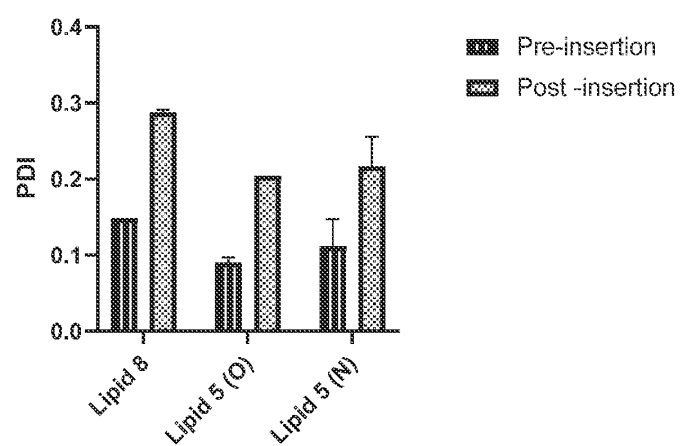


FIG. 46A

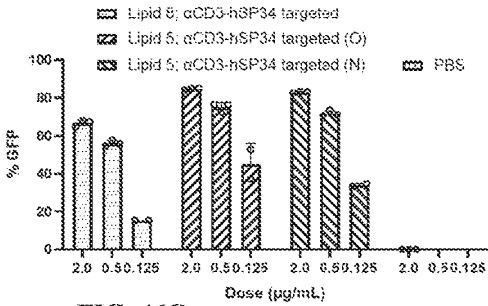


FIG. 46B

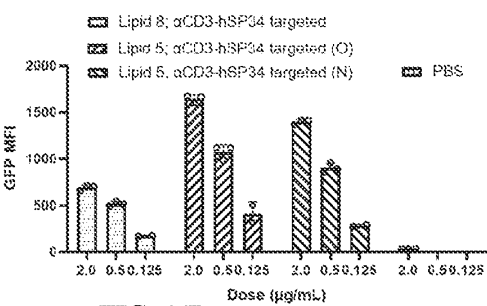


FIG. 46C

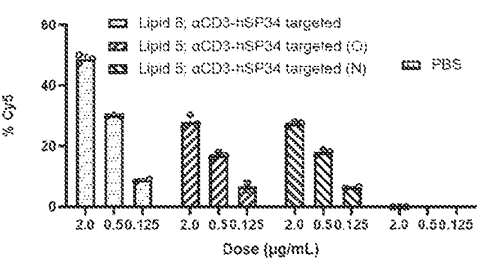


FIG. 46D

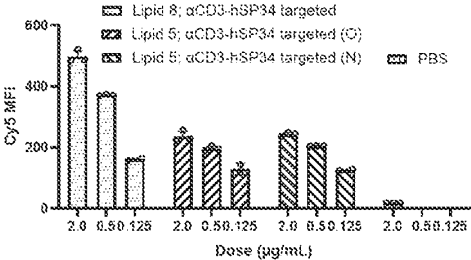


FIG. 46E

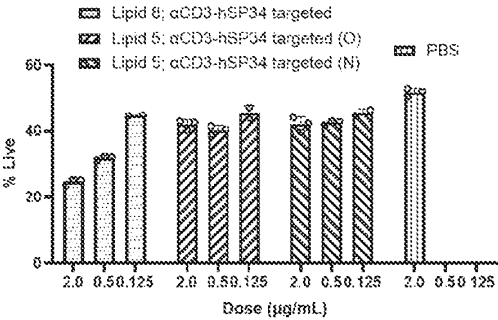


FIG. 47

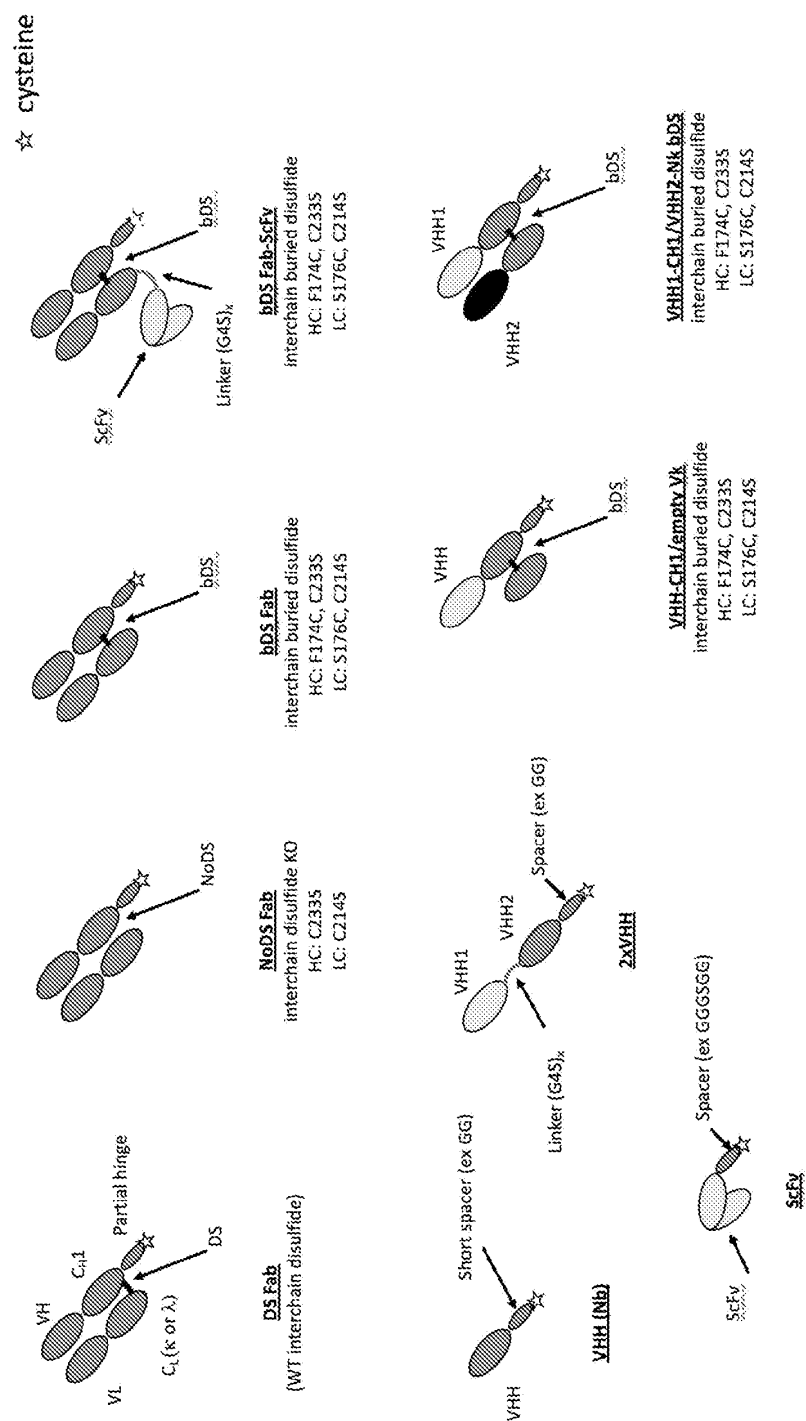


FIG. 48A

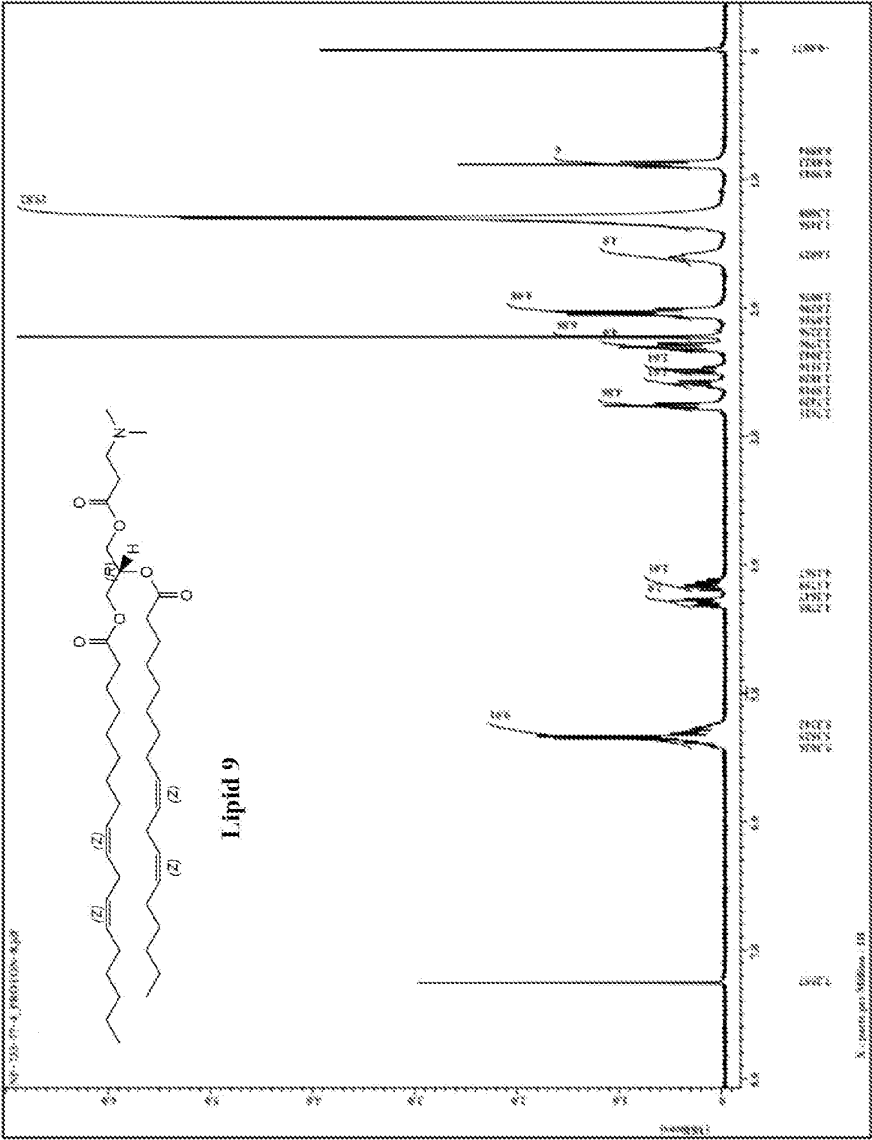


FIG. 48B

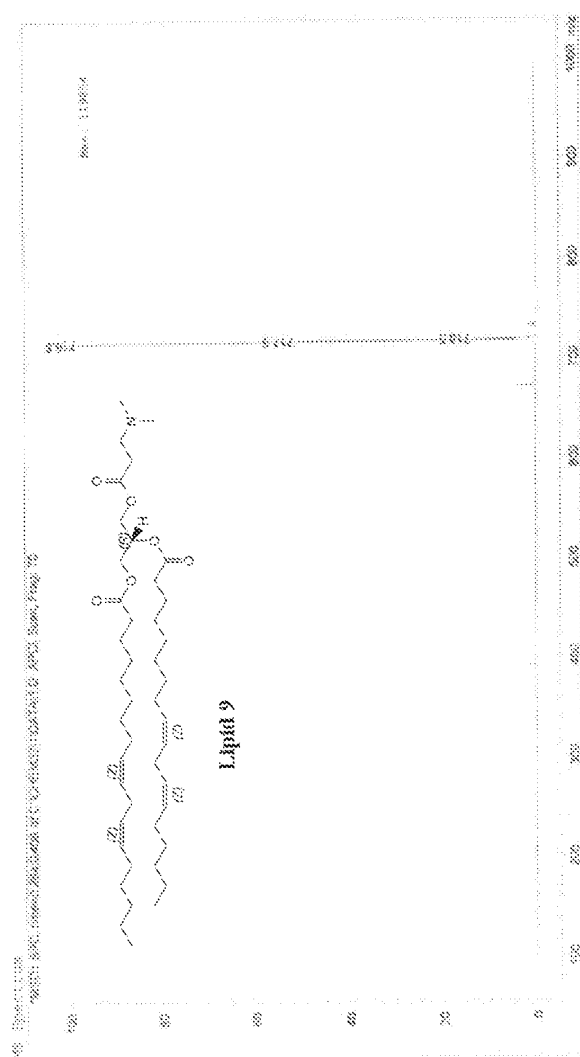
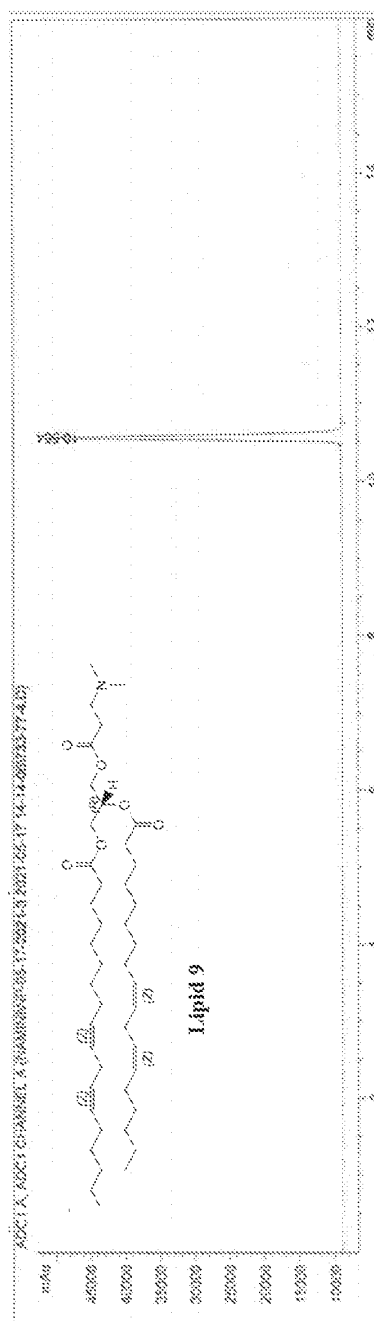


FIG. 48C



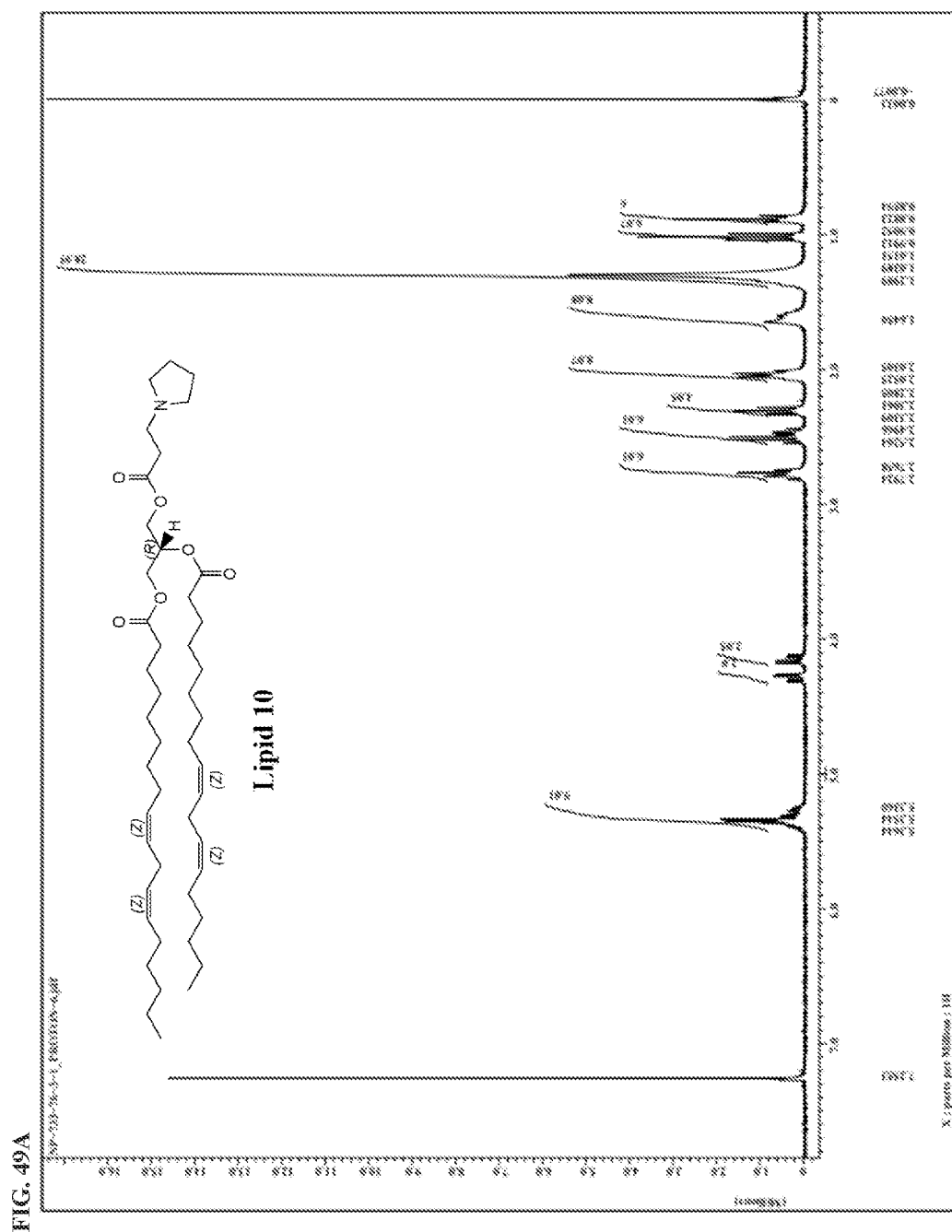


FIG. 49B

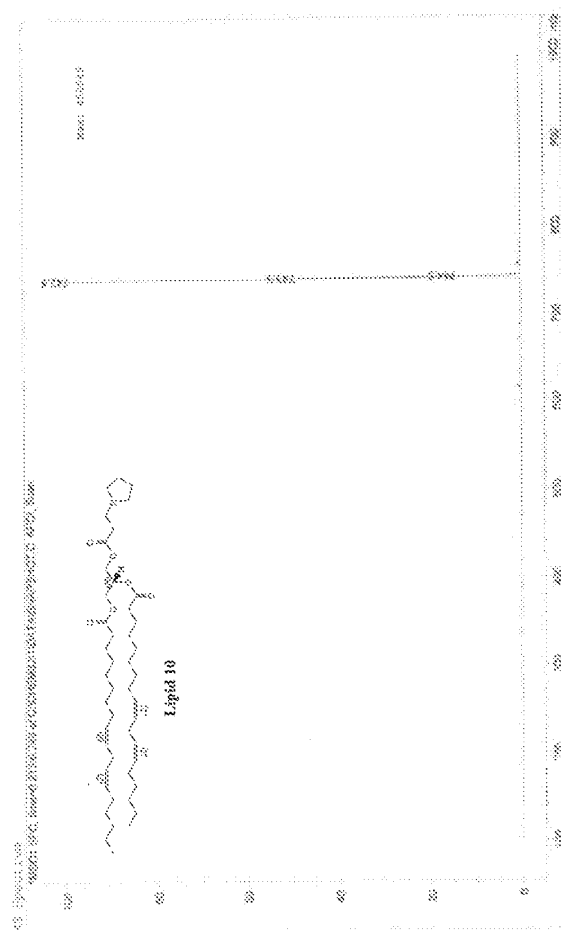


FIG. 49C

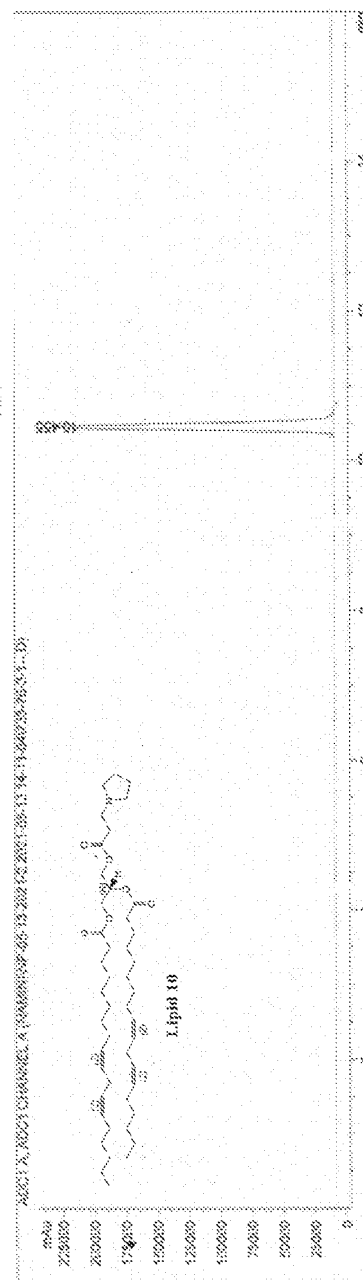


FIG. 50A

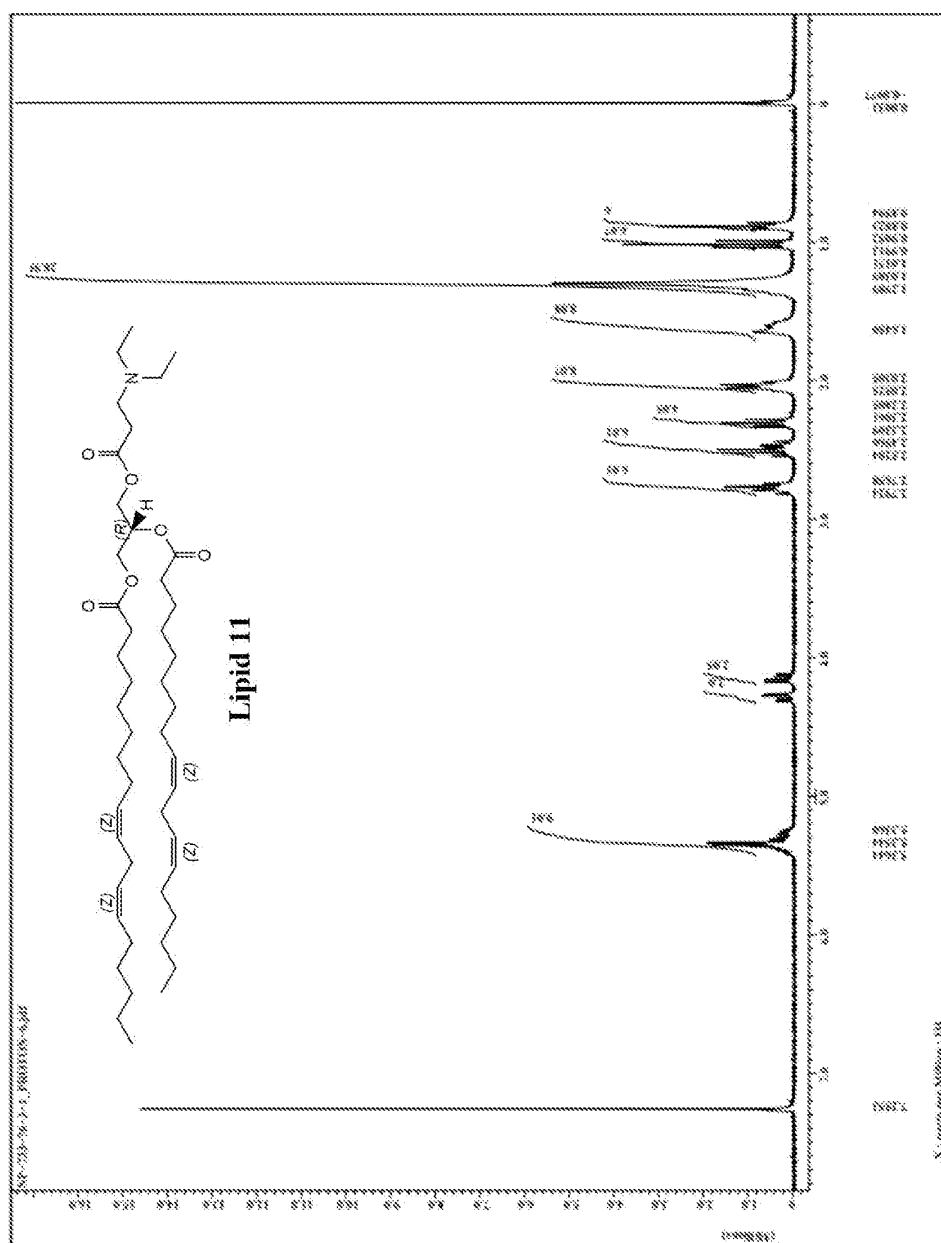


FIG. 50B

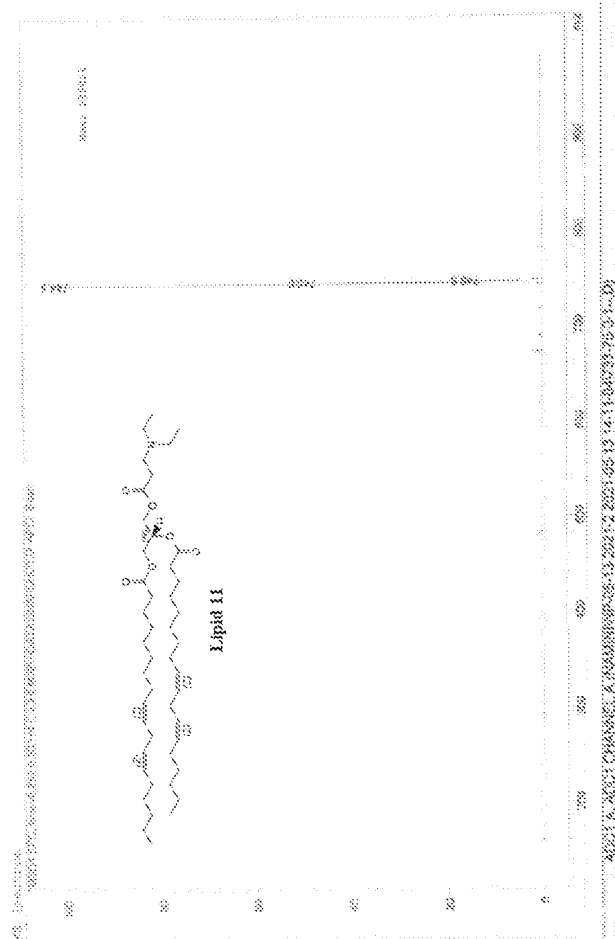
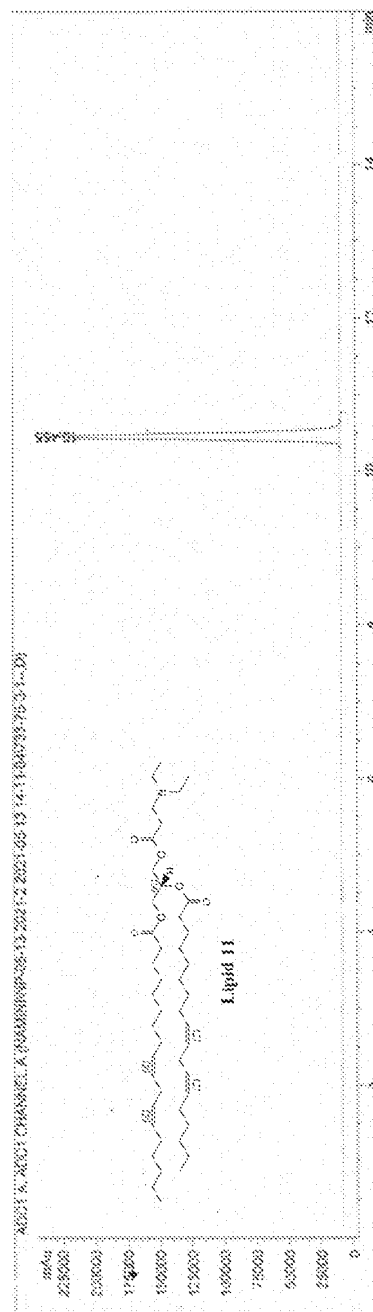


FIG. 50C



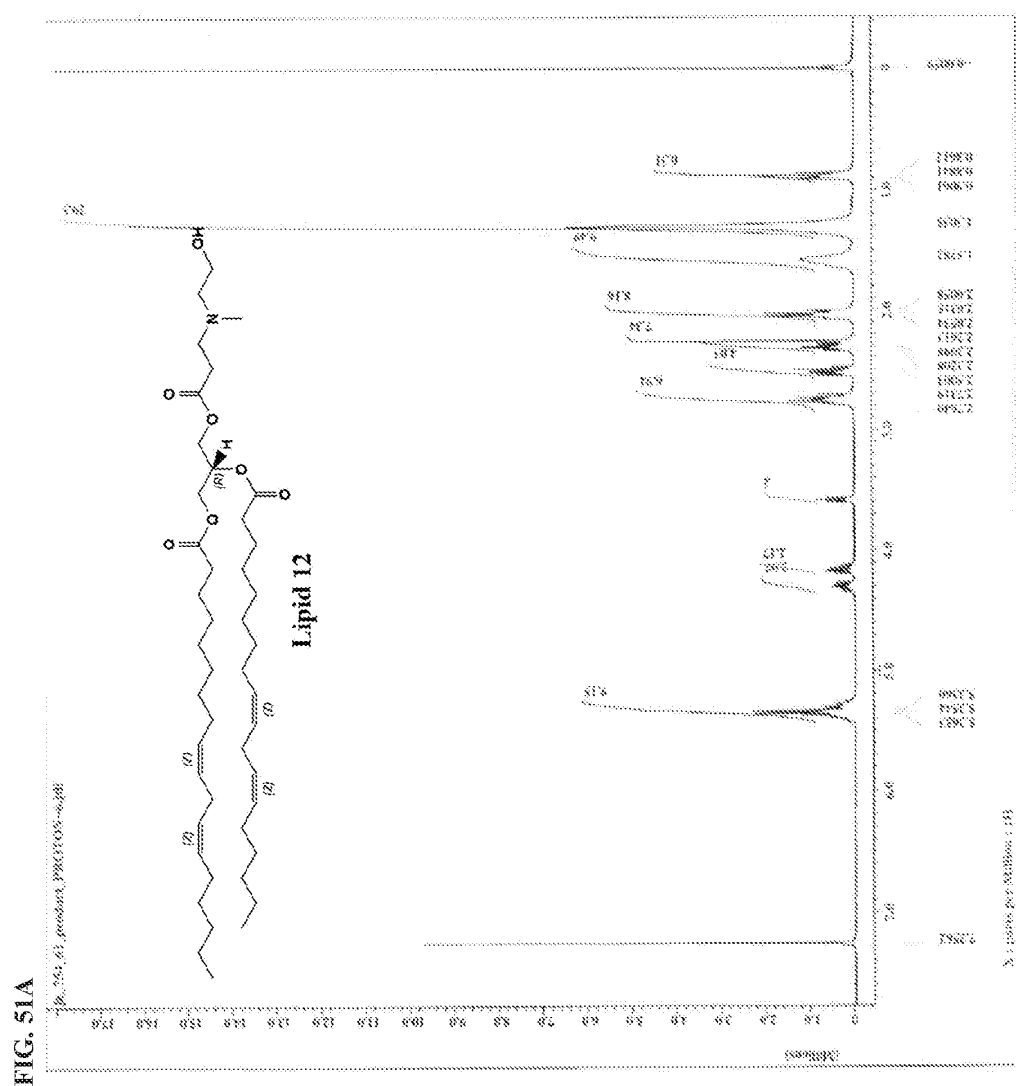


FIG. 5B

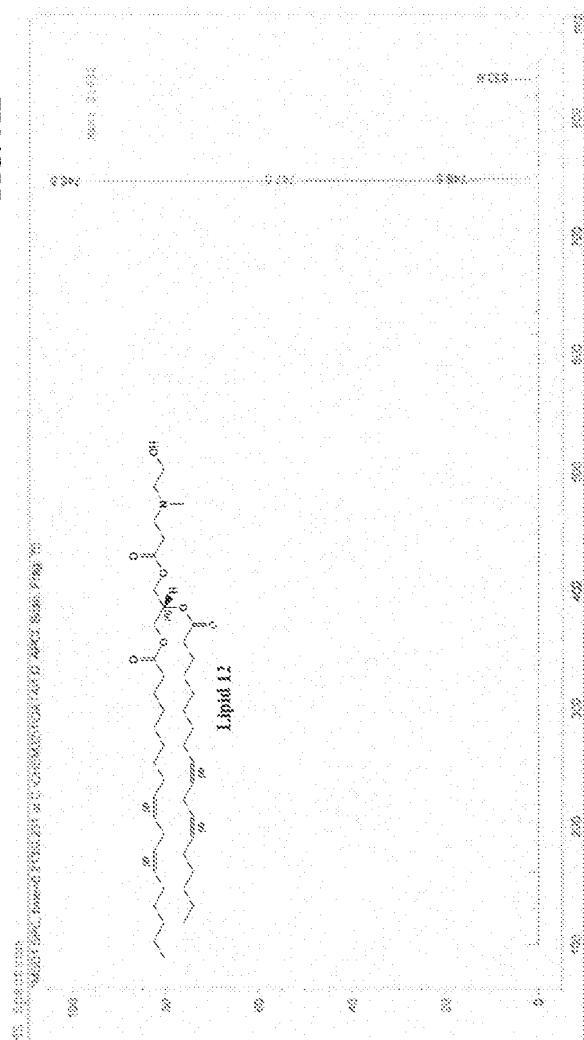


FIG. 51C

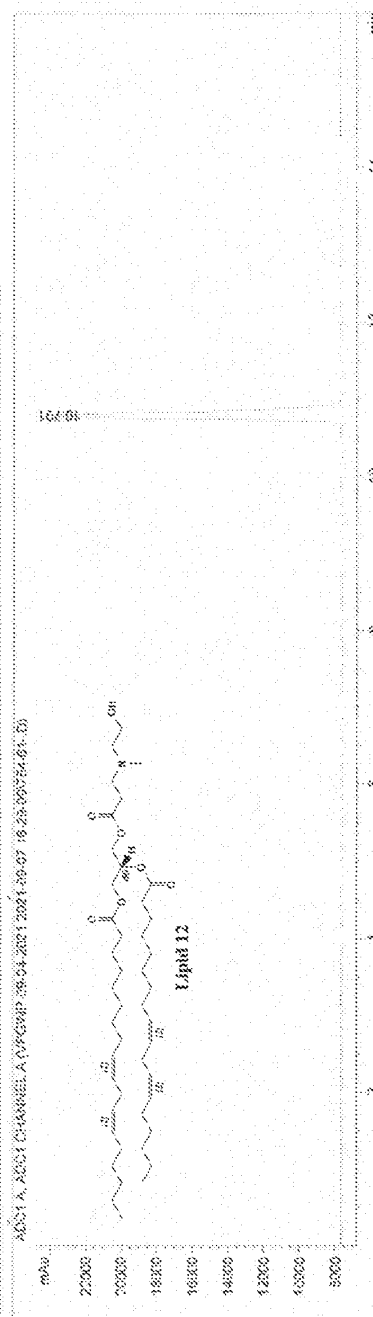


FIG. 52A

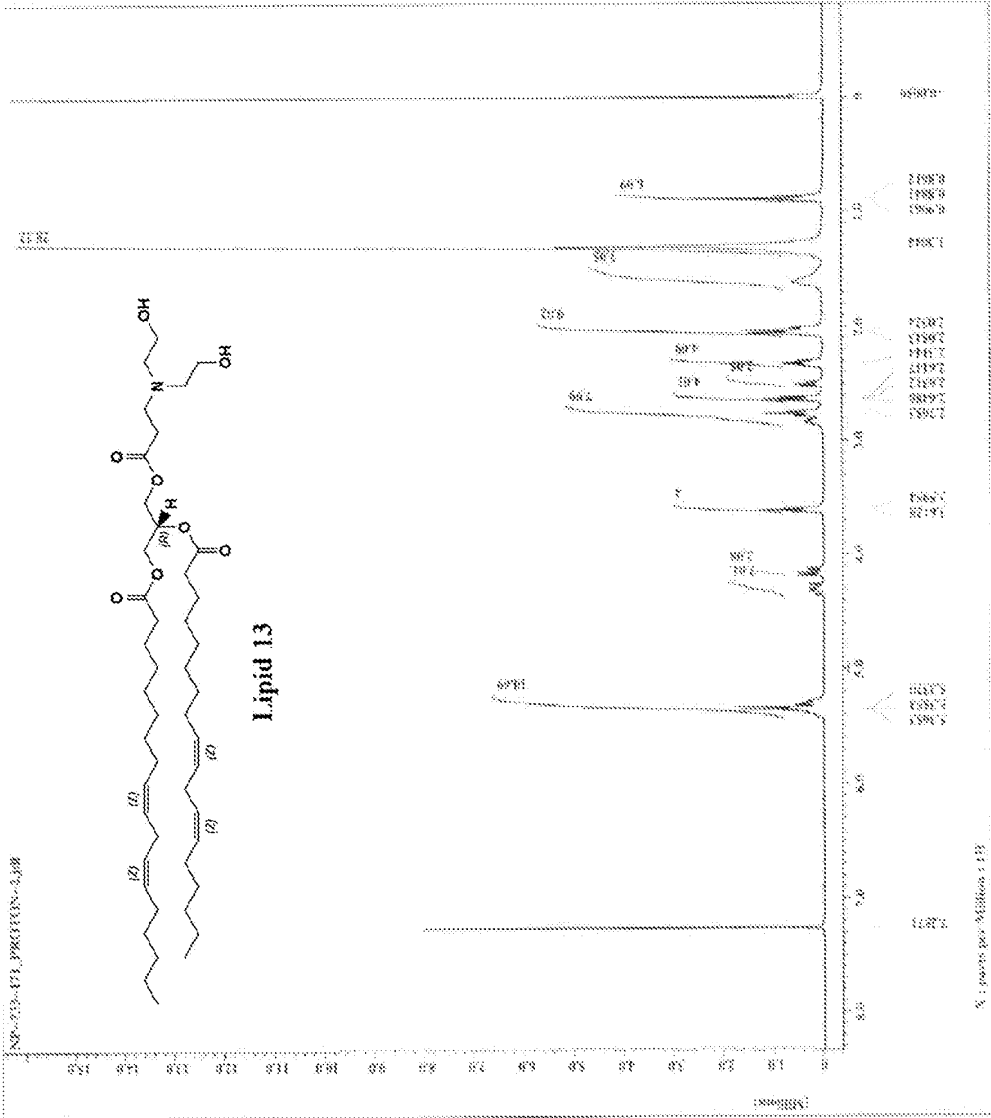


FIG. 52B

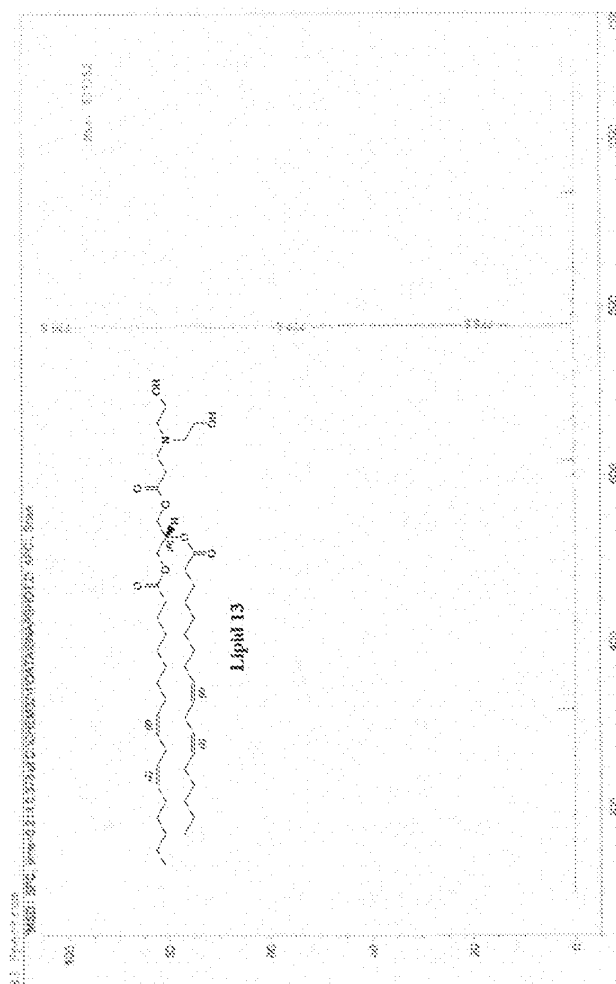


FIG. 52C

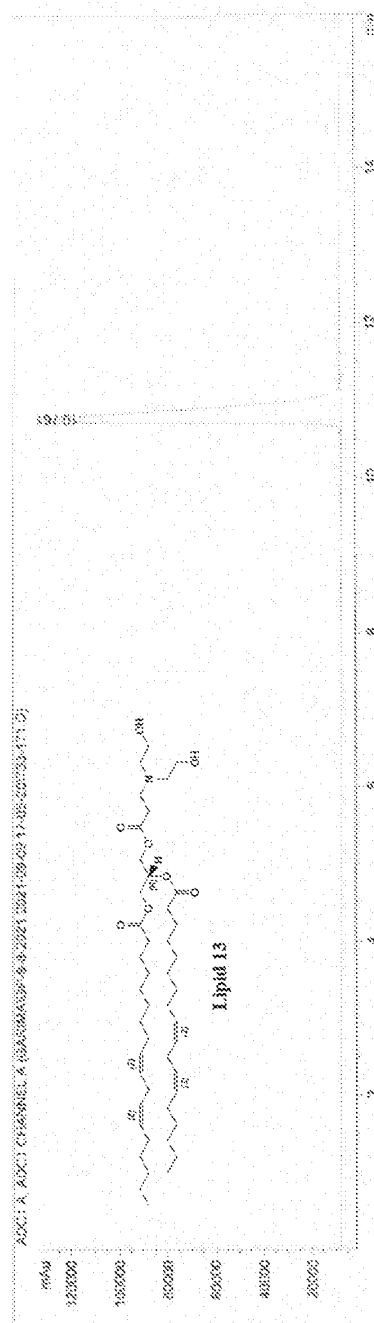


FIG. 53A

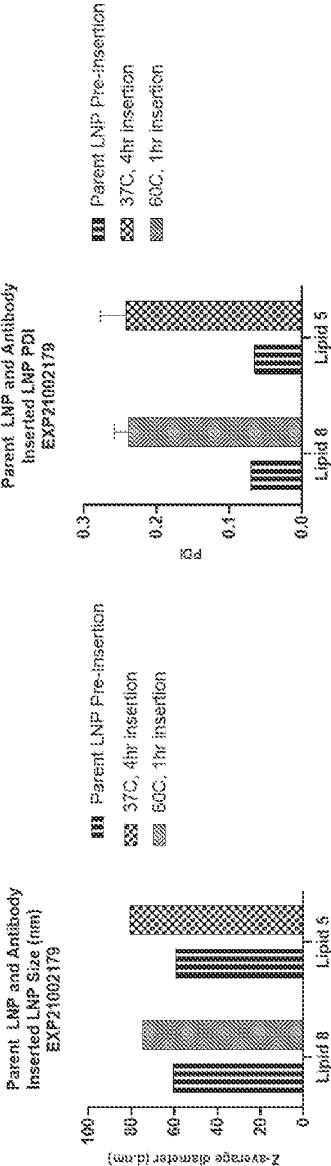


FIG. 53B

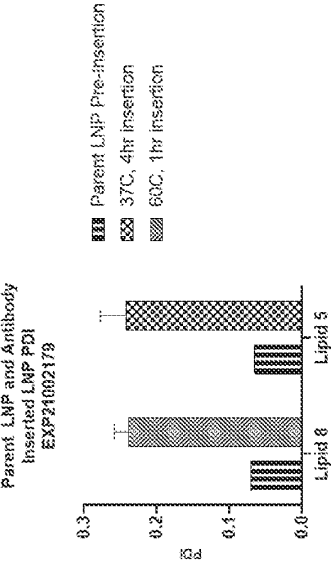


FIG. 53C

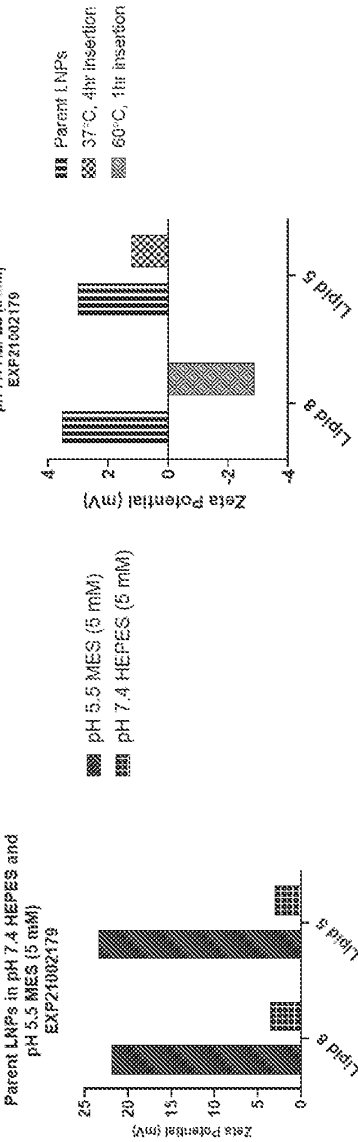


FIG. 53D

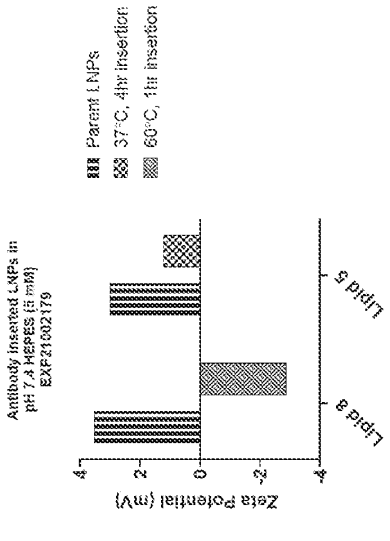


FIG. 54A

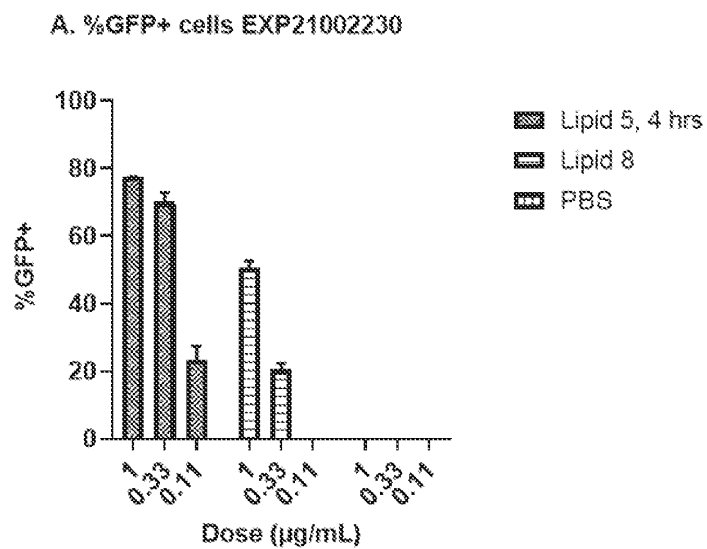


FIG. 54B

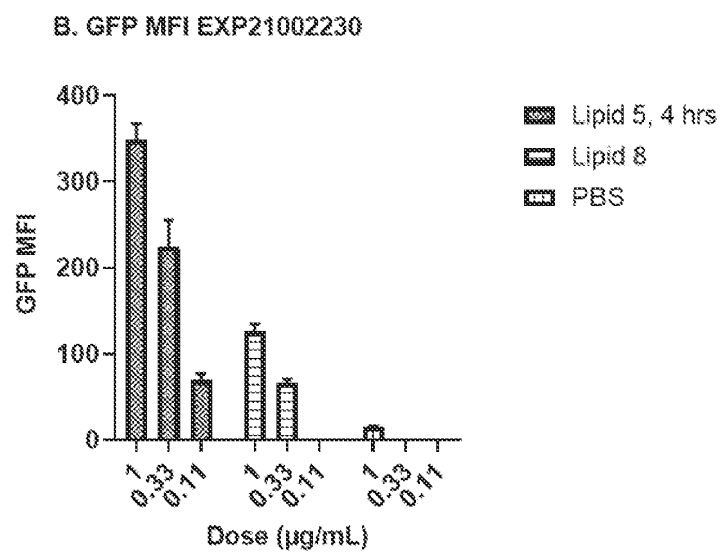


FIG. 54C

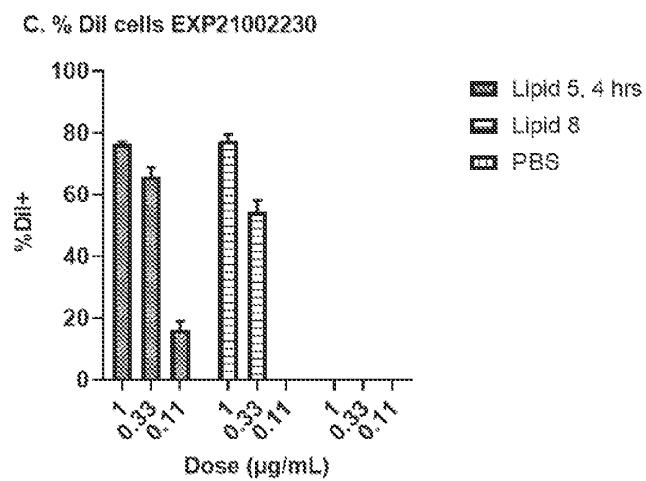


FIG. 54D

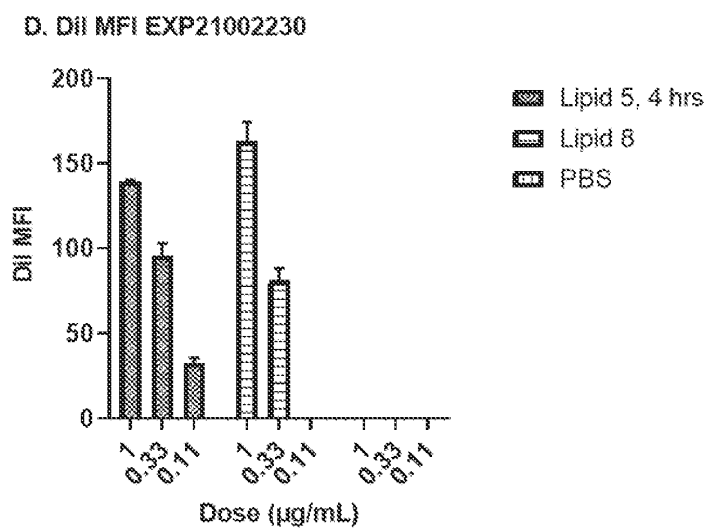


FIG. 54E

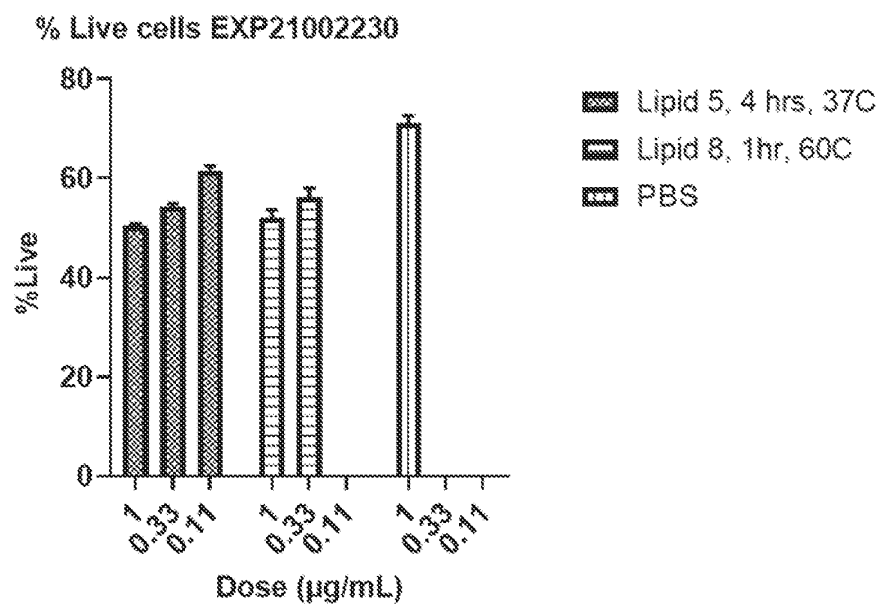


FIG. 55A

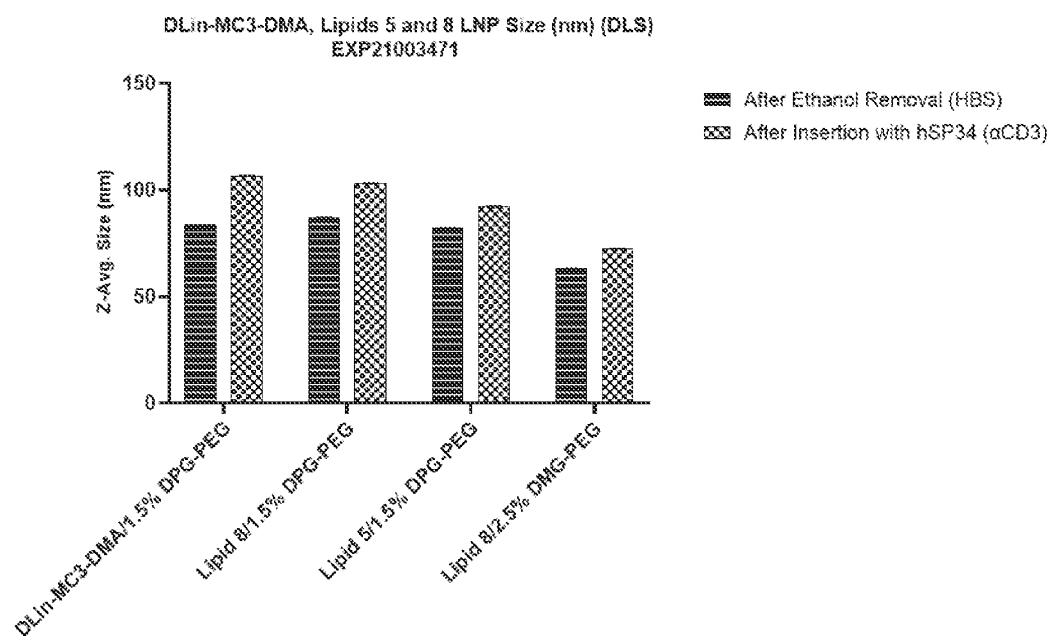


FIG. 55B

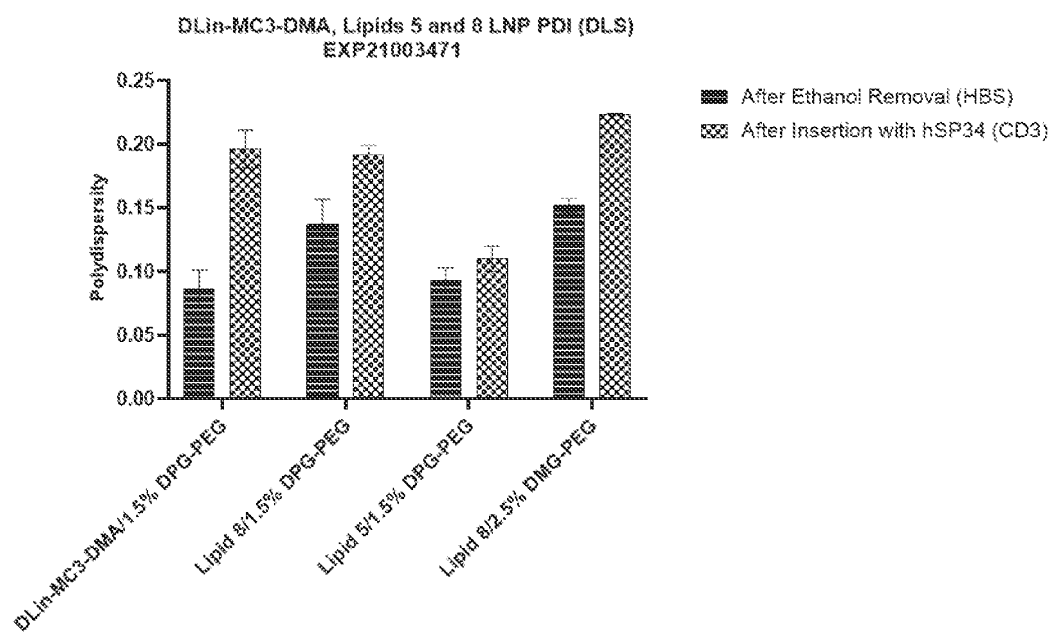


FIG. 55C

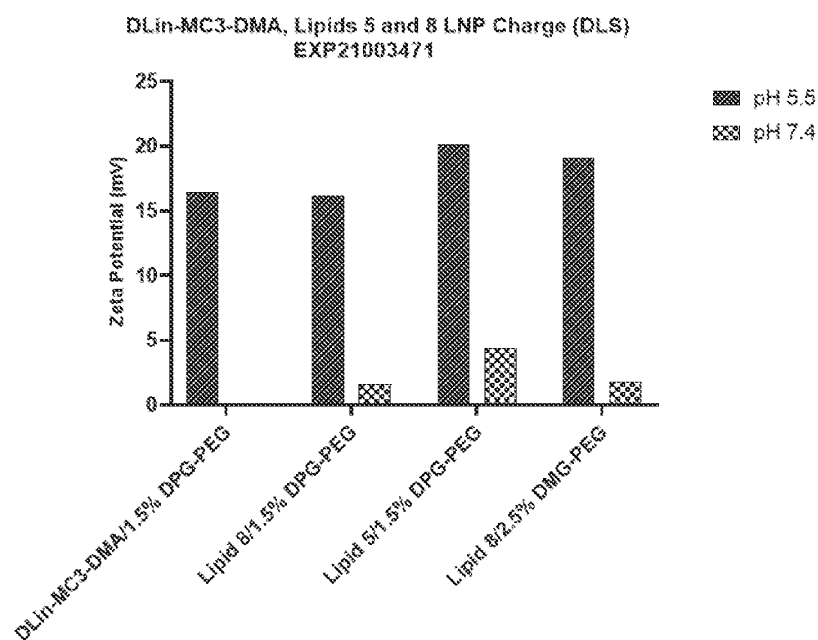


FIG. 55D

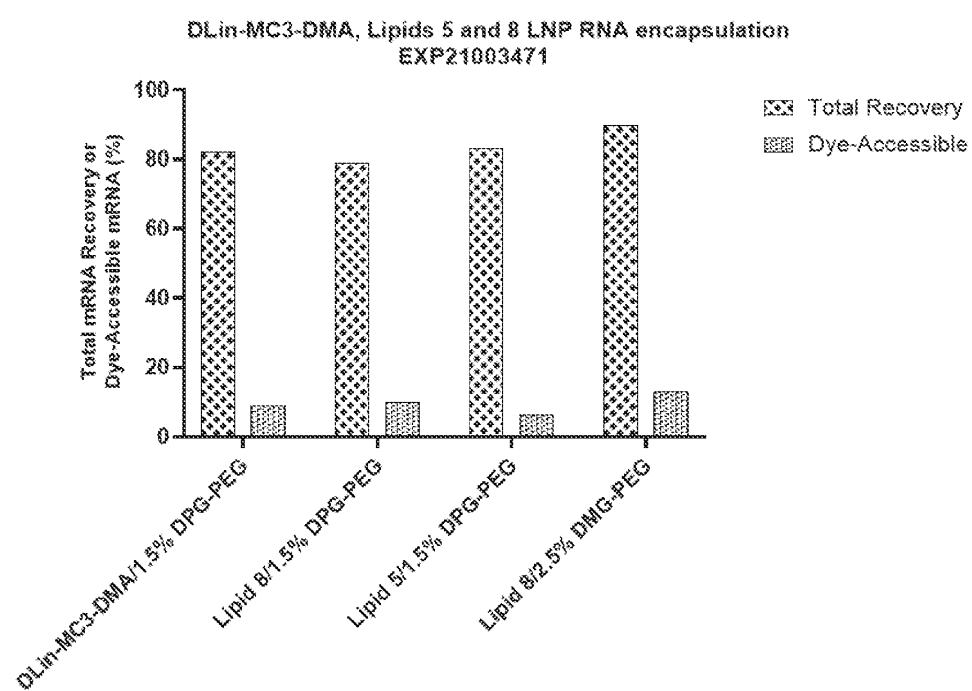


FIG. 56A

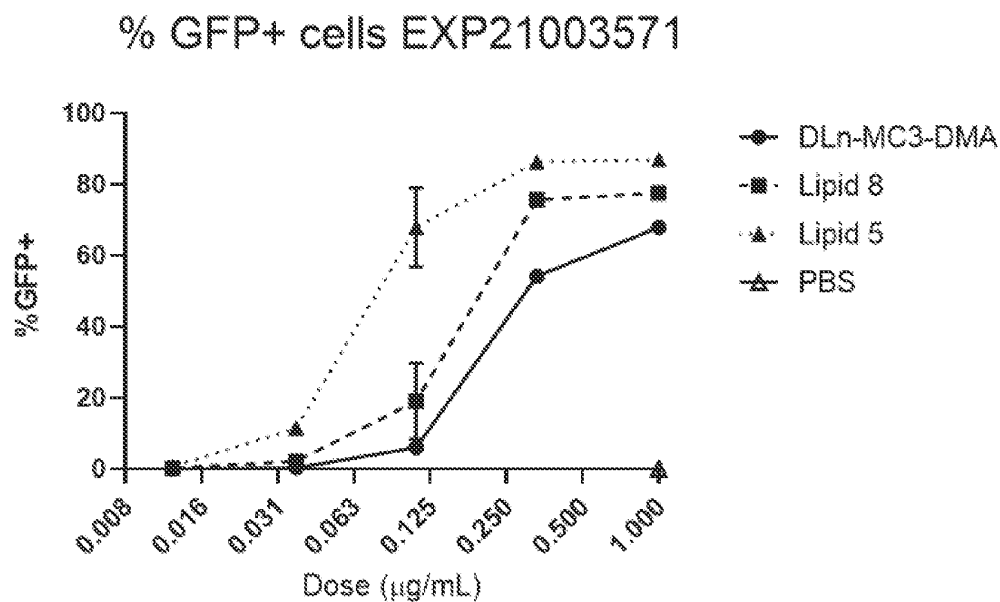


FIG. 56B

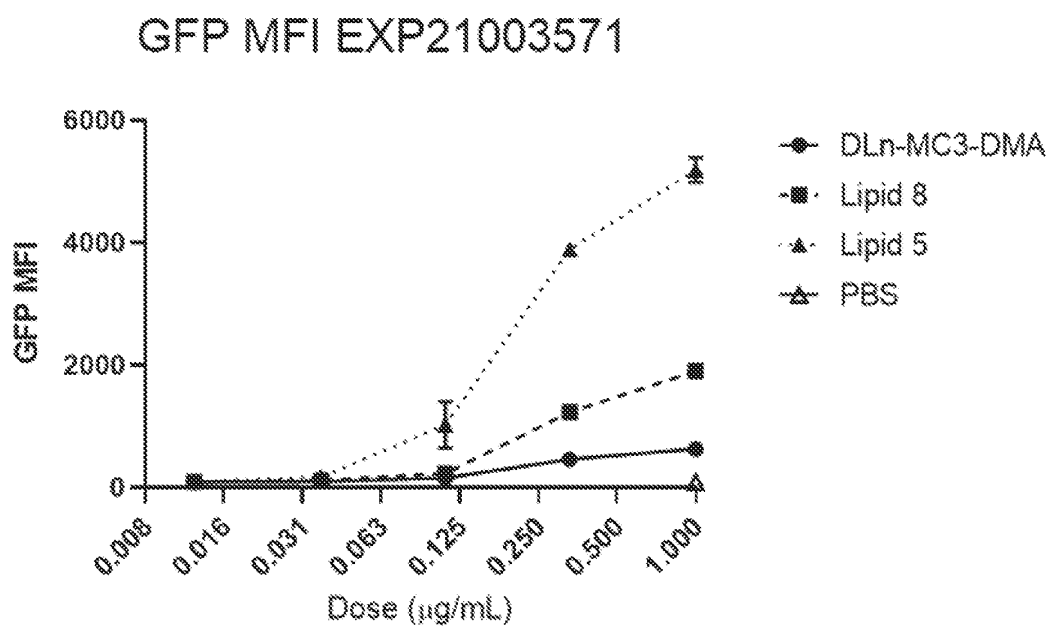


FIG. 56C

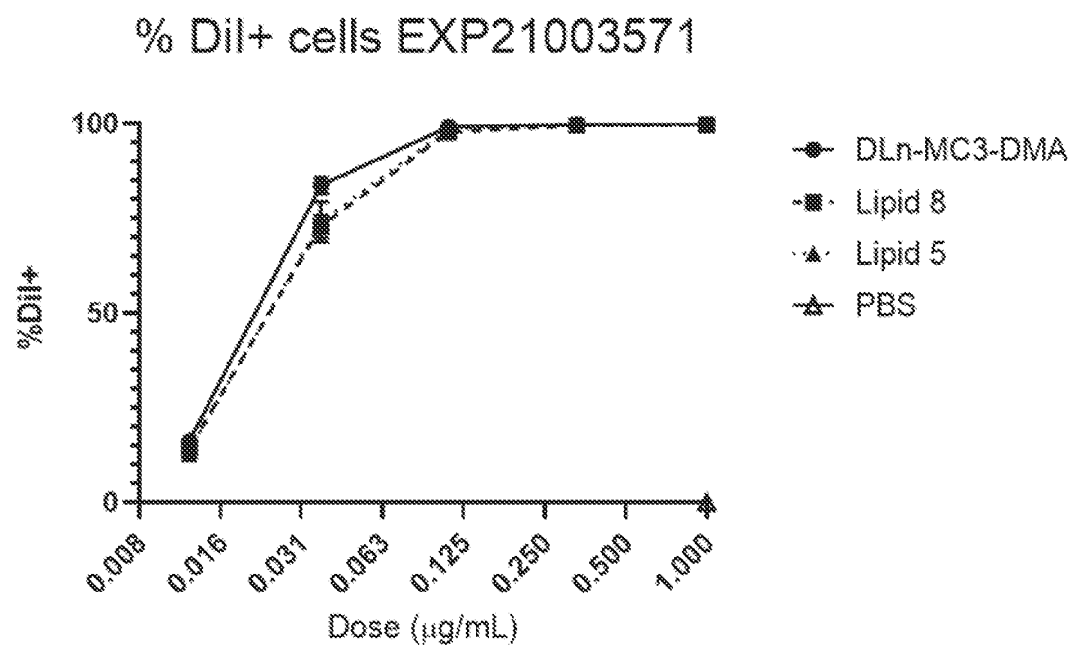


FIG. 56D

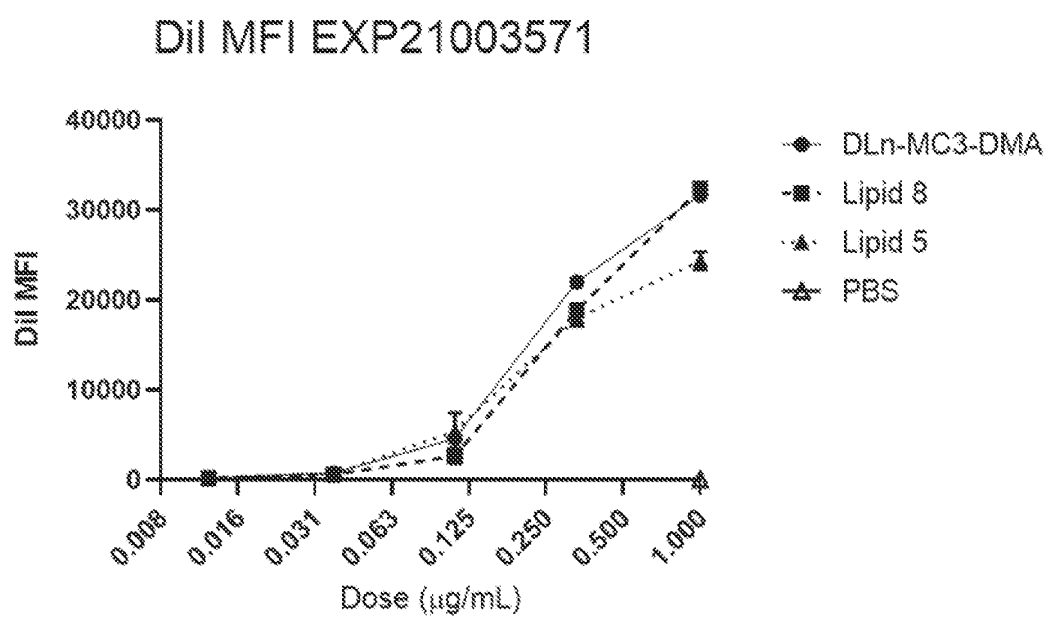


FIG. 56E

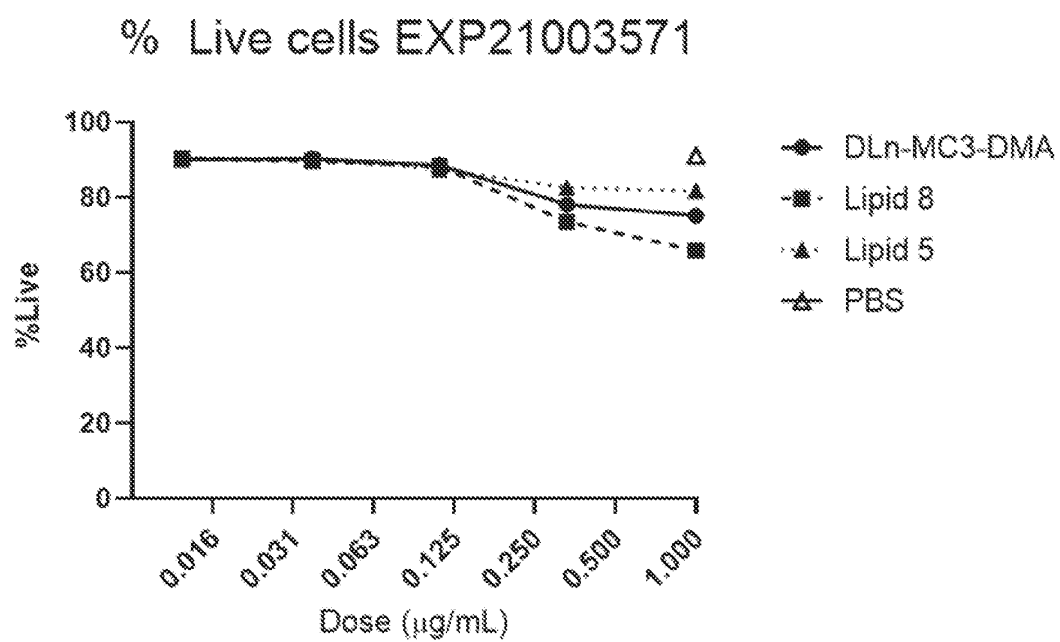


FIG. 57A

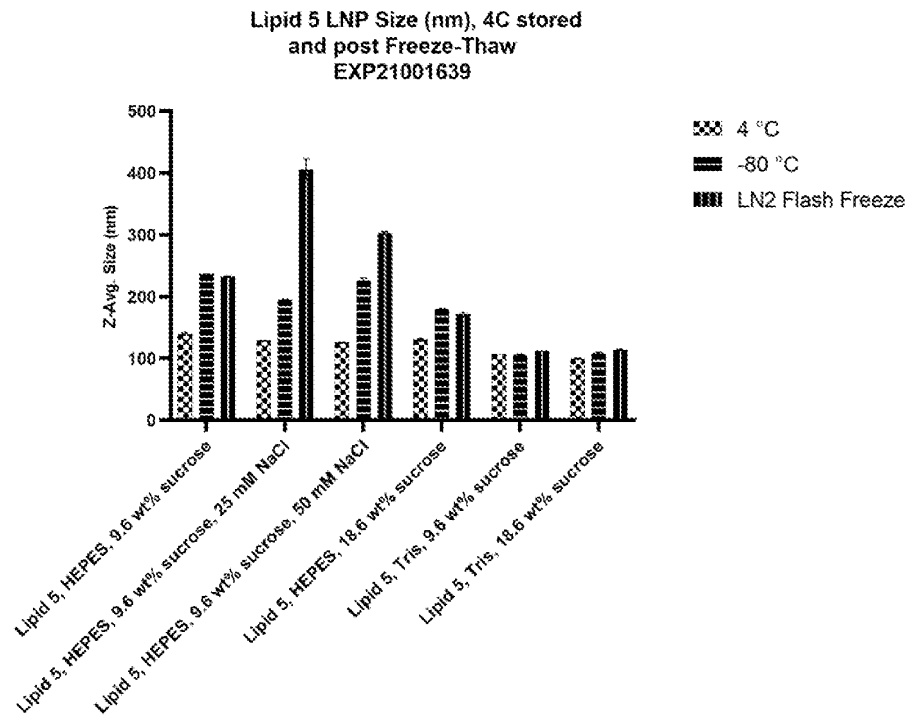


FIG. 57B

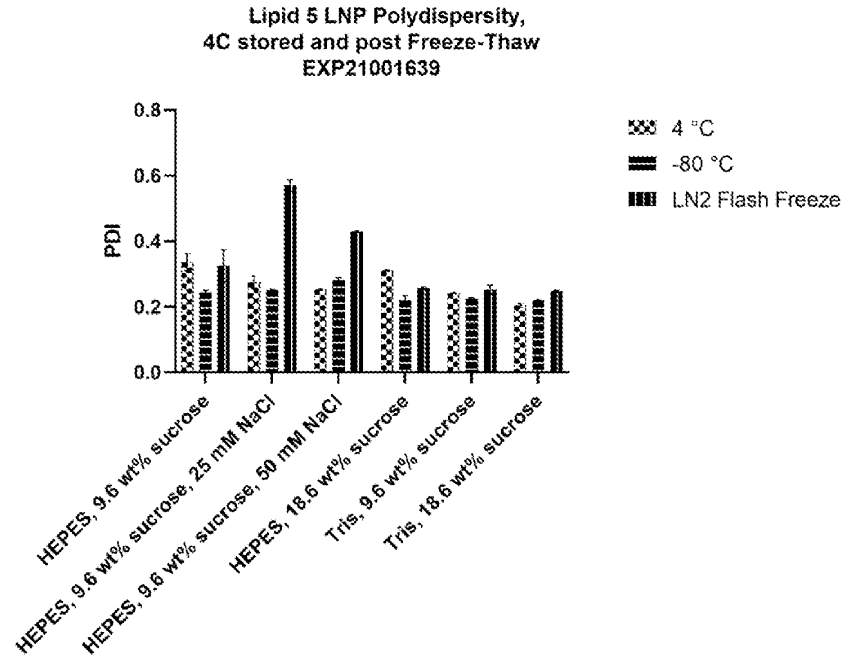


FIG. 58A

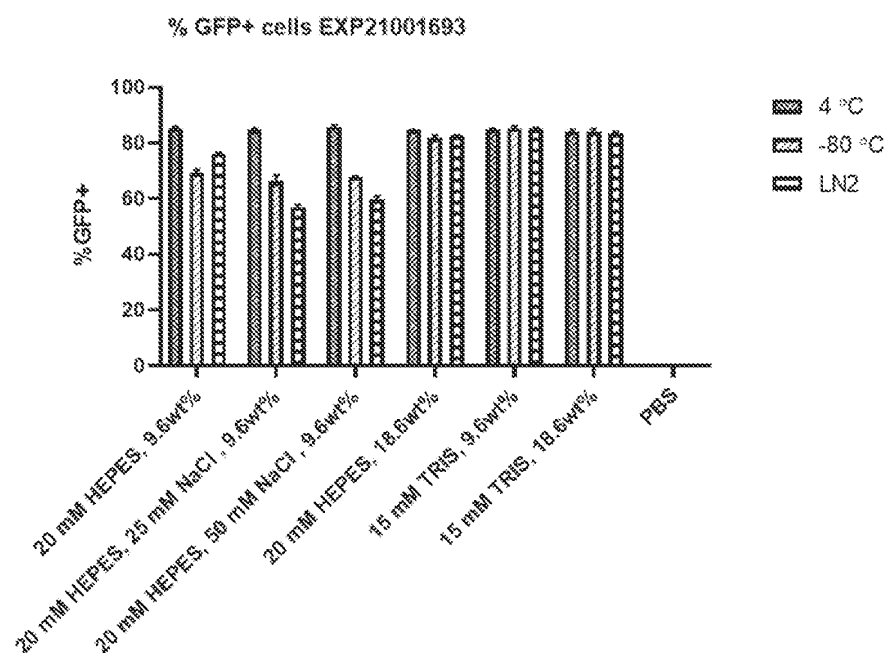


FIG. 58B

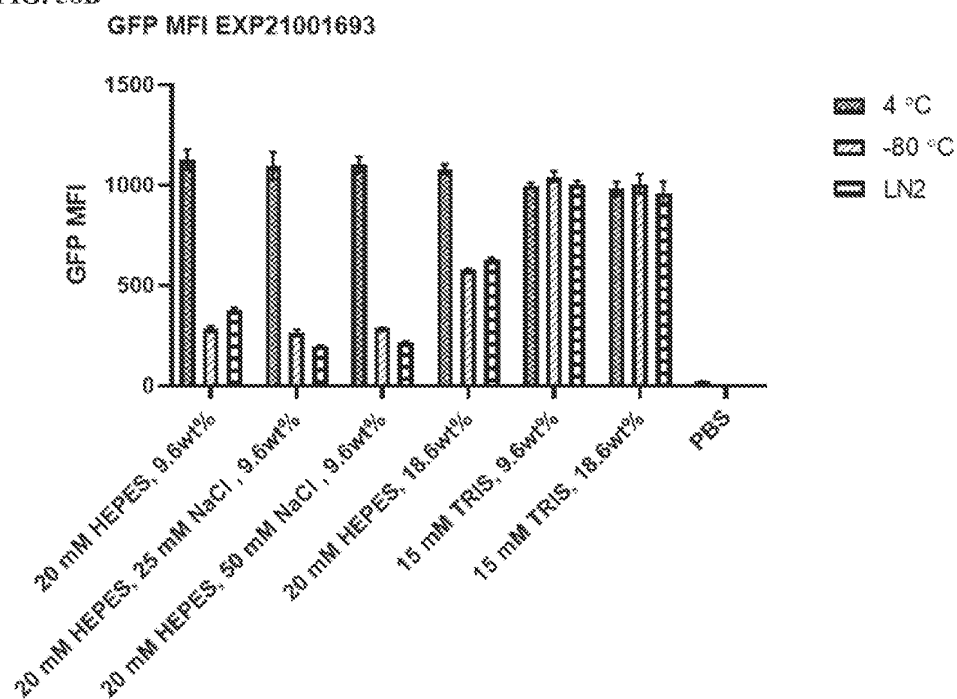


FIG. 58C

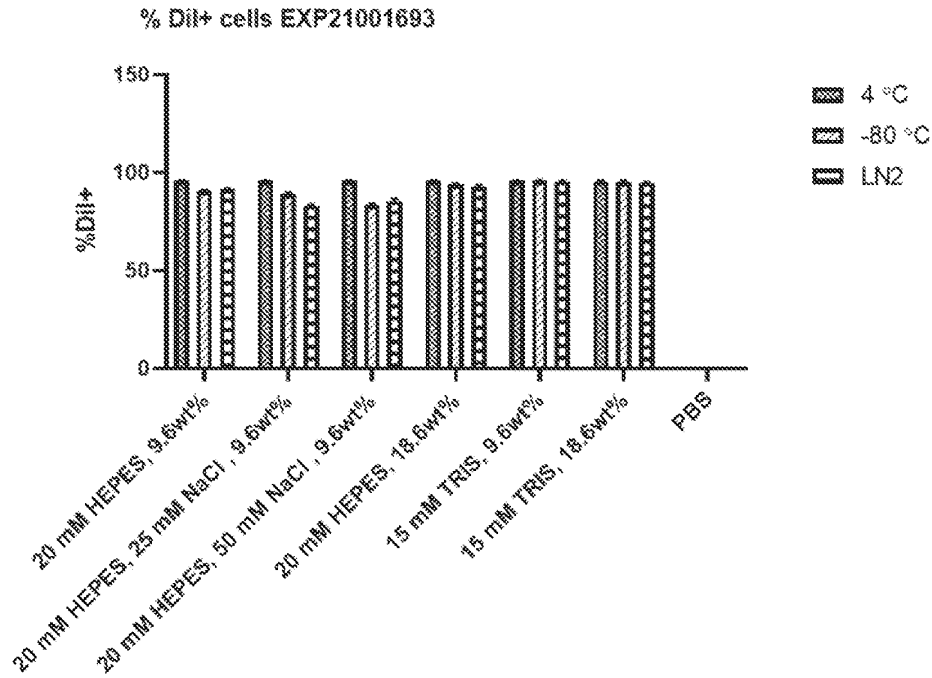


FIG. 58D

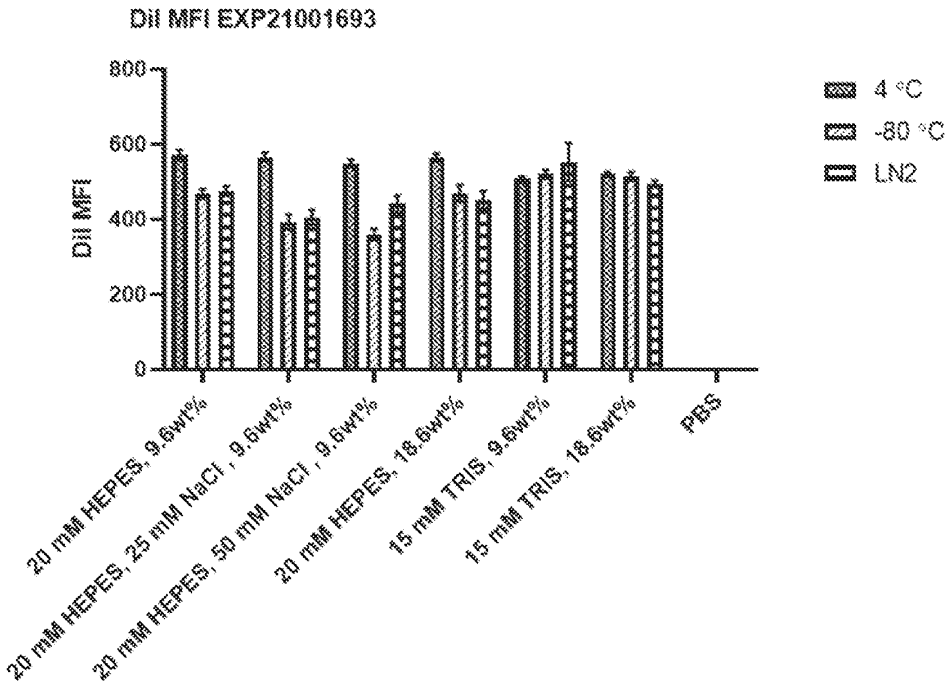


FIG. 58E

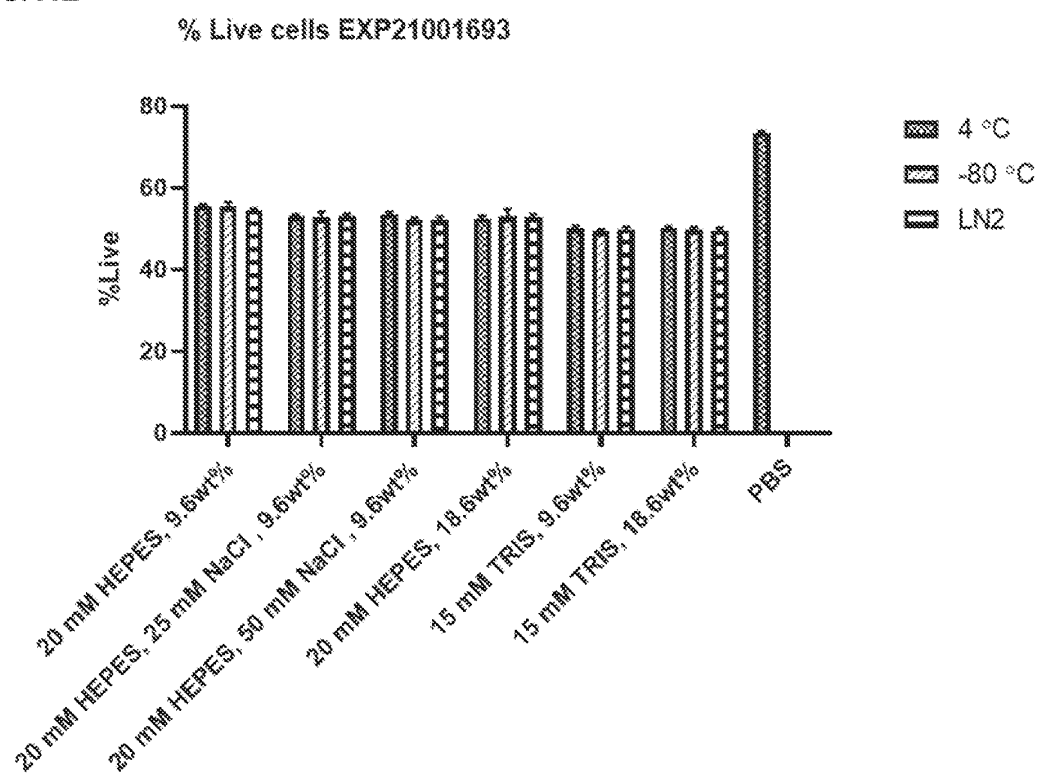


FIG. 59A

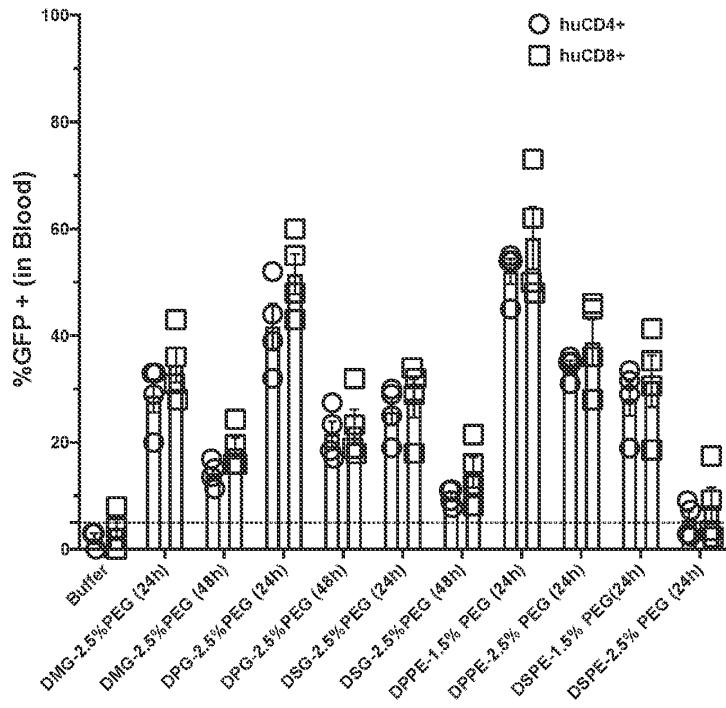


FIG. 59B

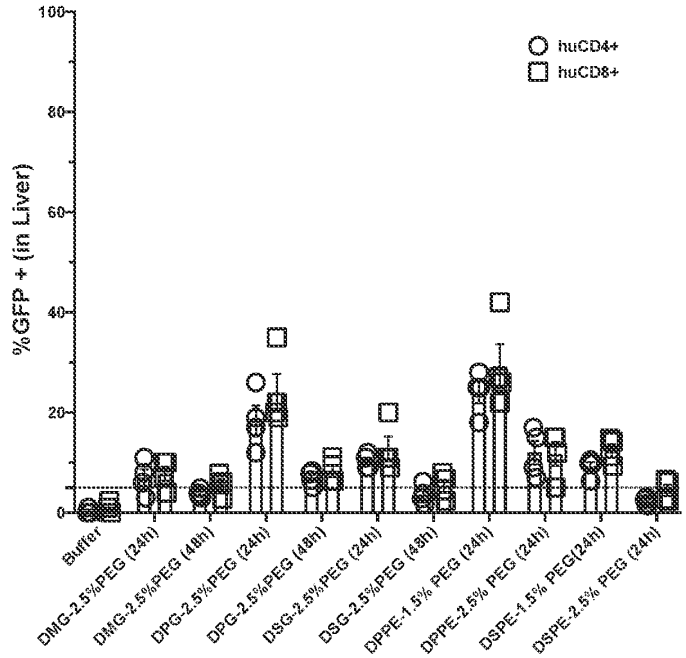


FIG. 59C

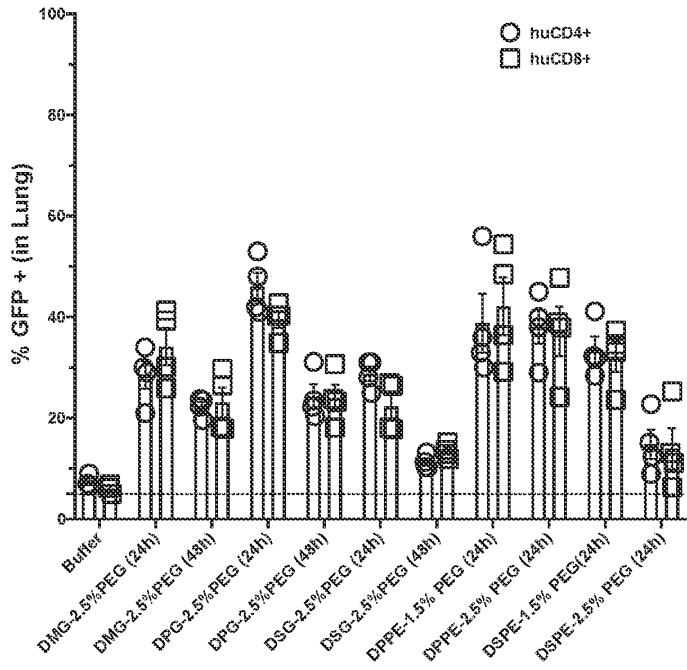


FIG. 59D

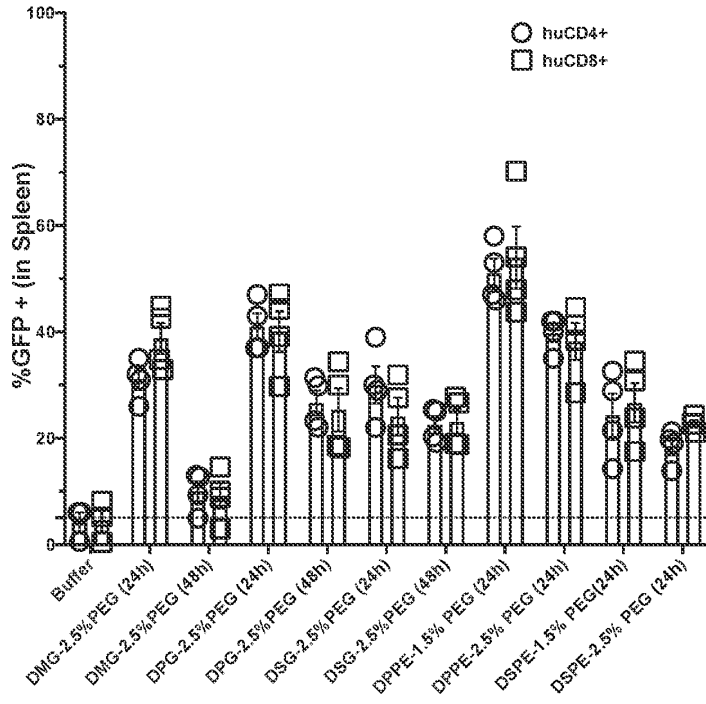


FIG. 59E

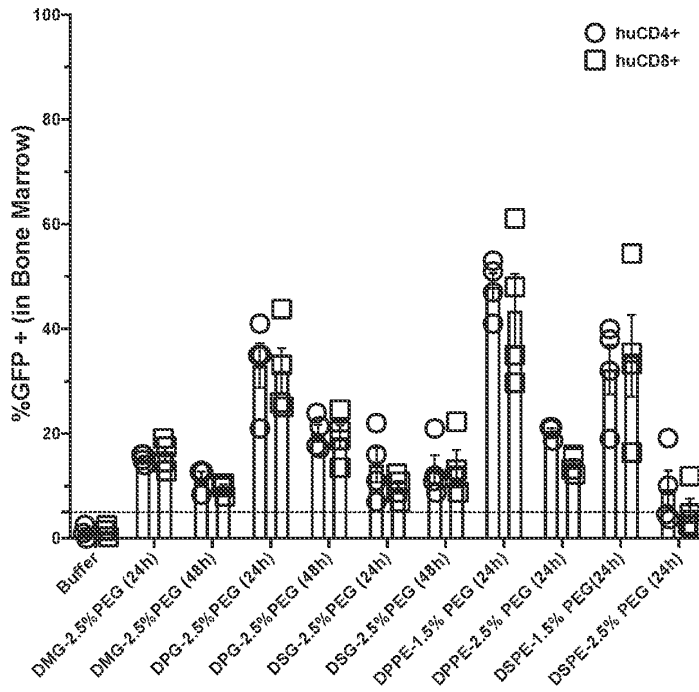


FIG. 59F

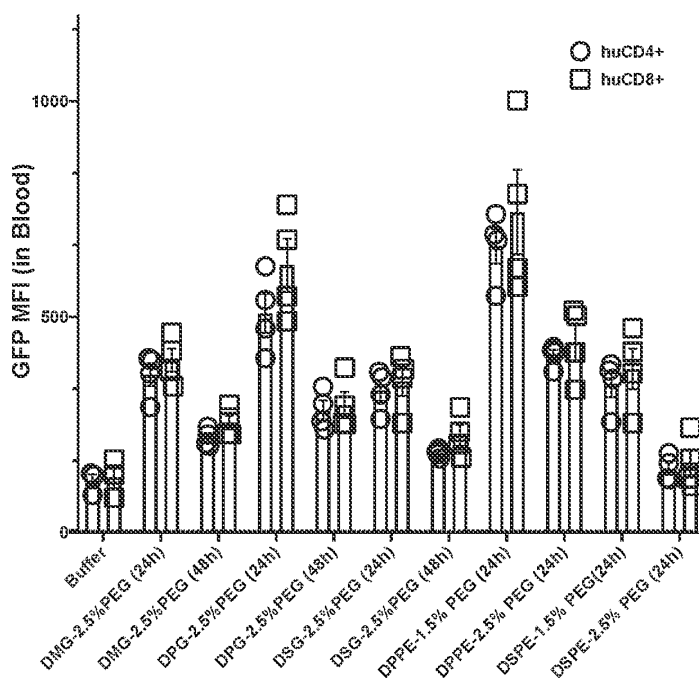


FIG. 59G

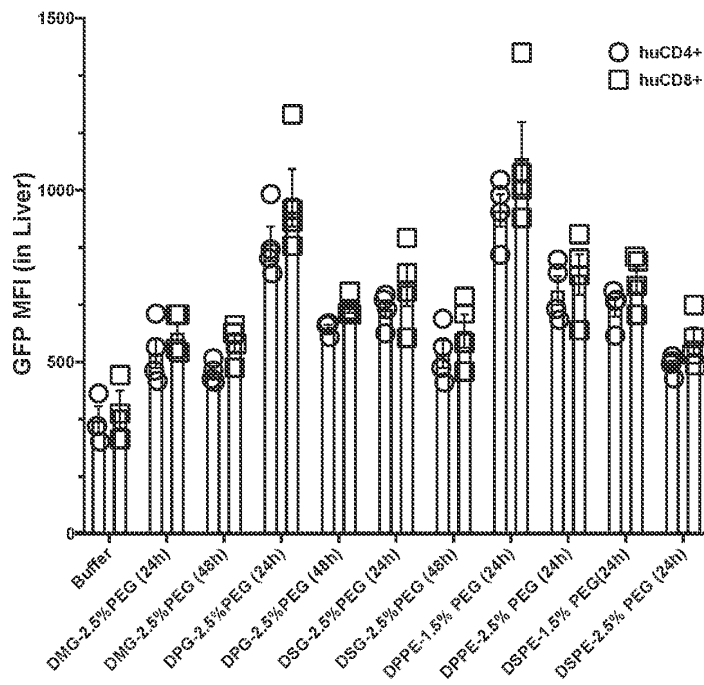


FIG. 59H

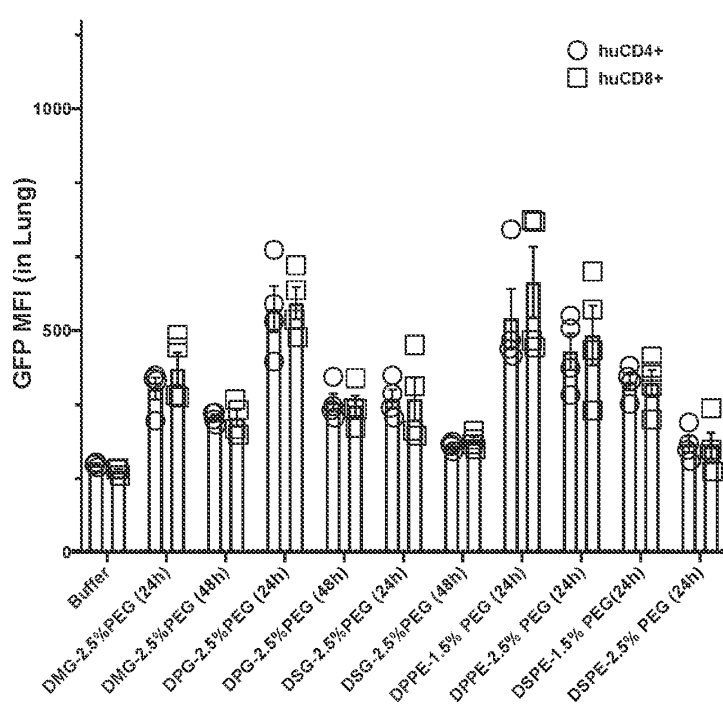


FIG. 59I

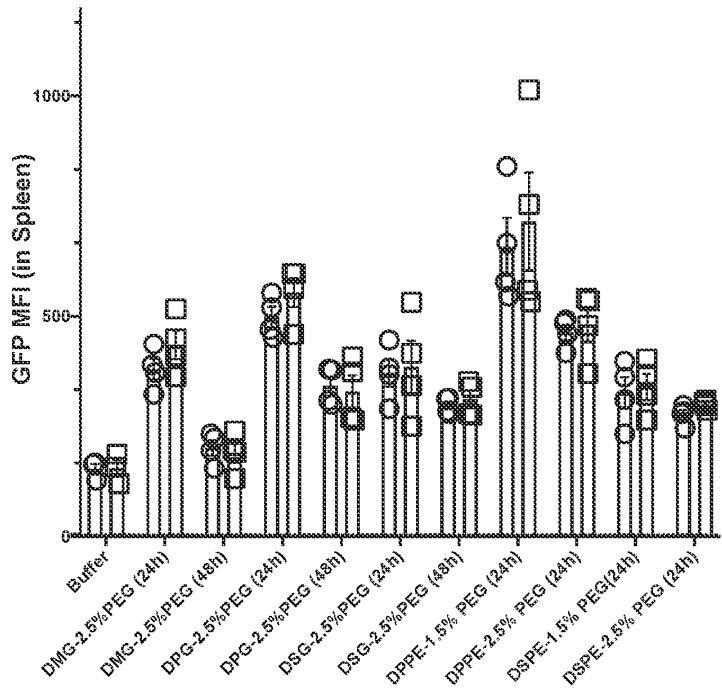


FIG. 59J

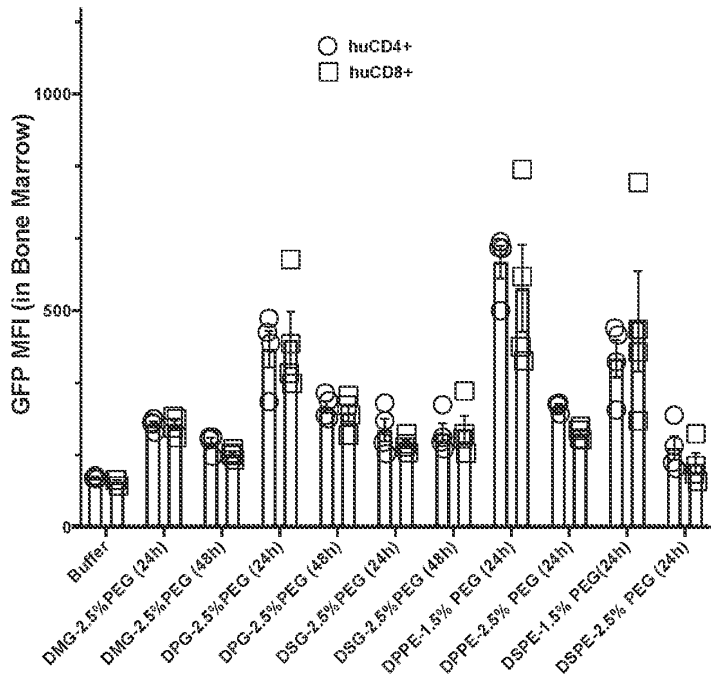


FIG. 59K

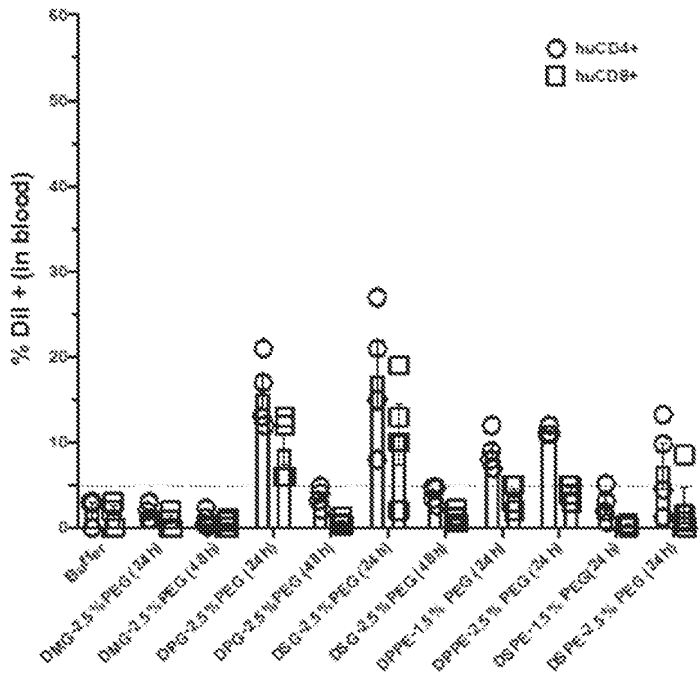


FIG. 59L

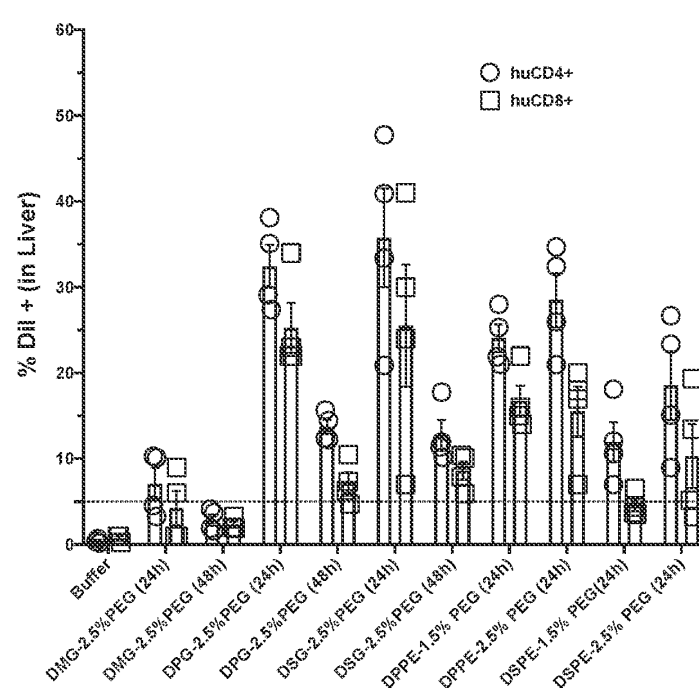


FIG. 59M

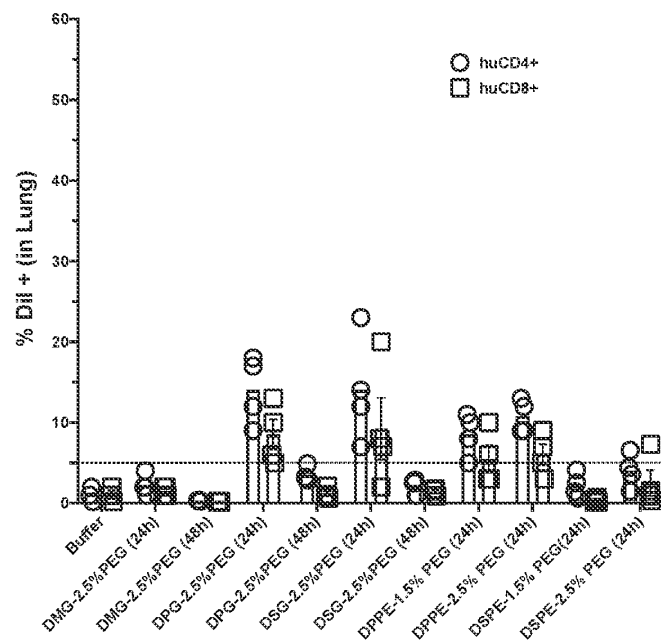


FIG. 59N

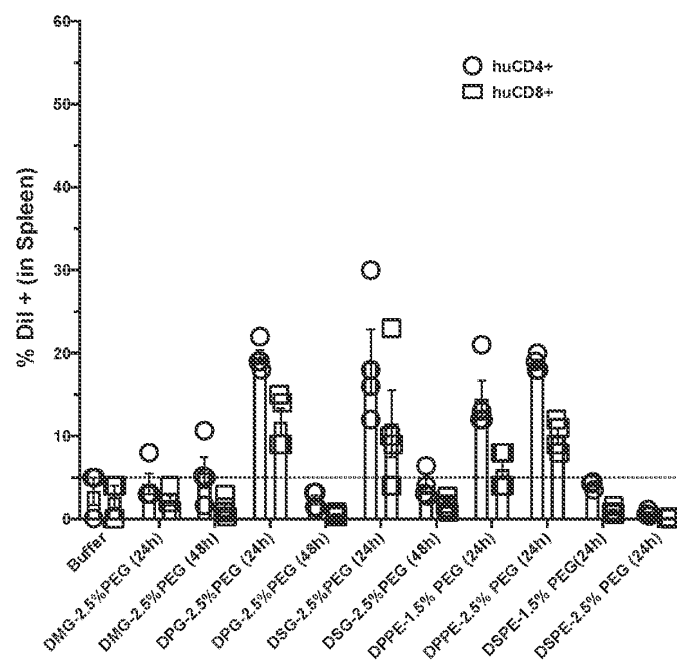


FIG. 59O

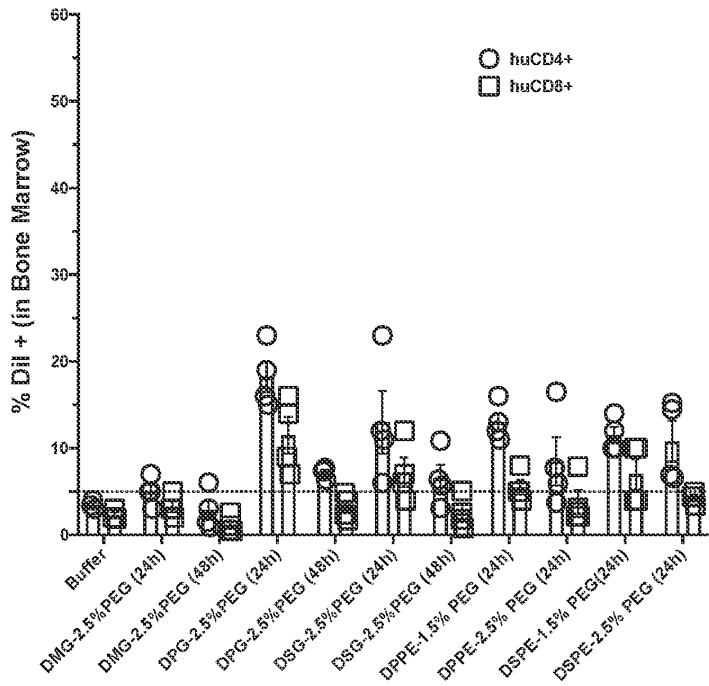


FIG. 59P

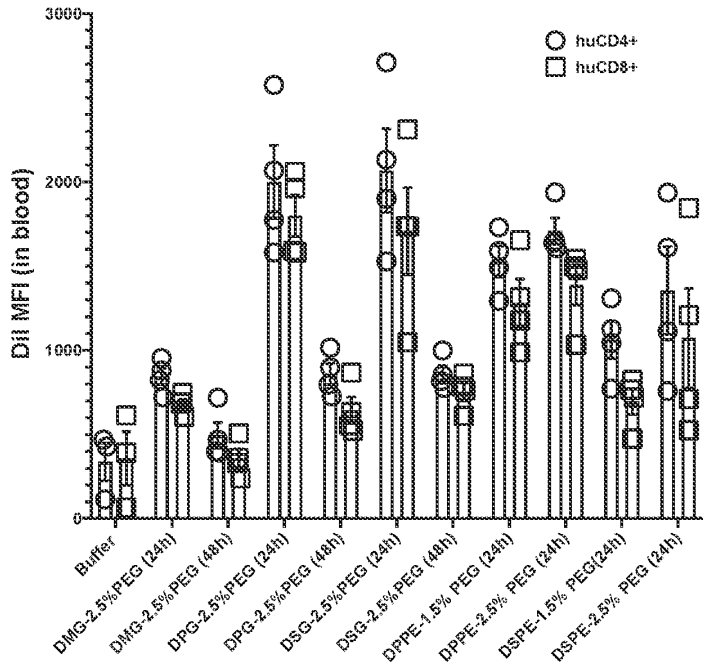


FIG. 59Q

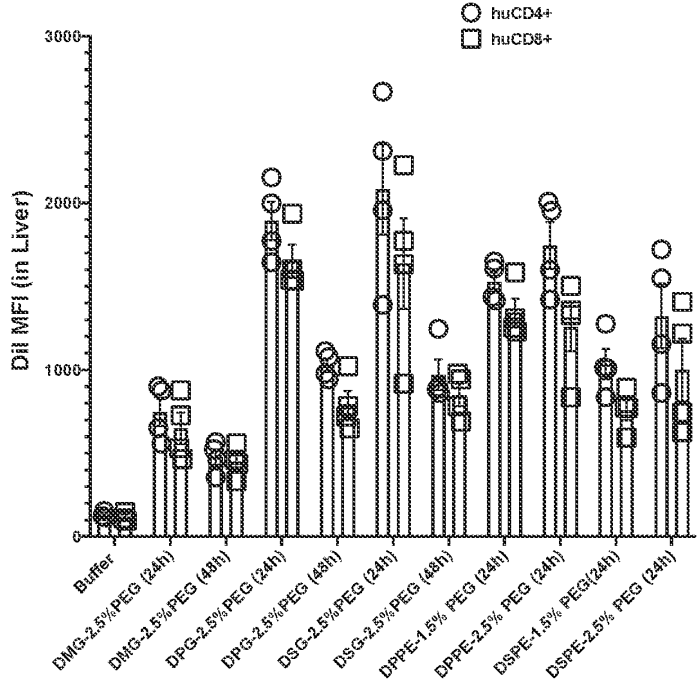


FIG. 59R

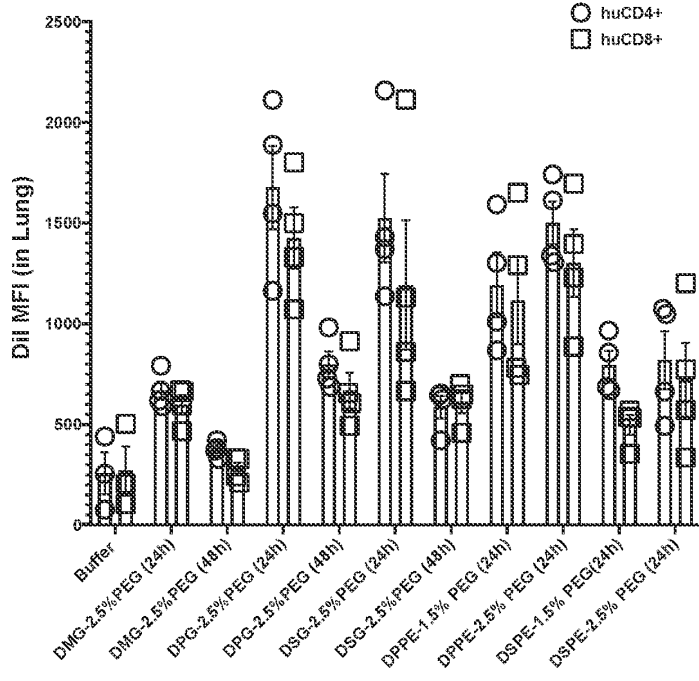


FIG. 59S

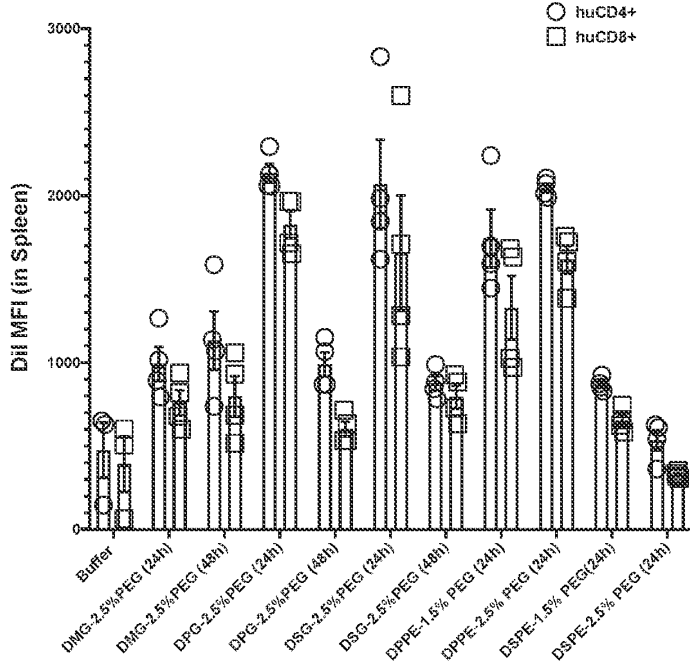


FIG. 59T

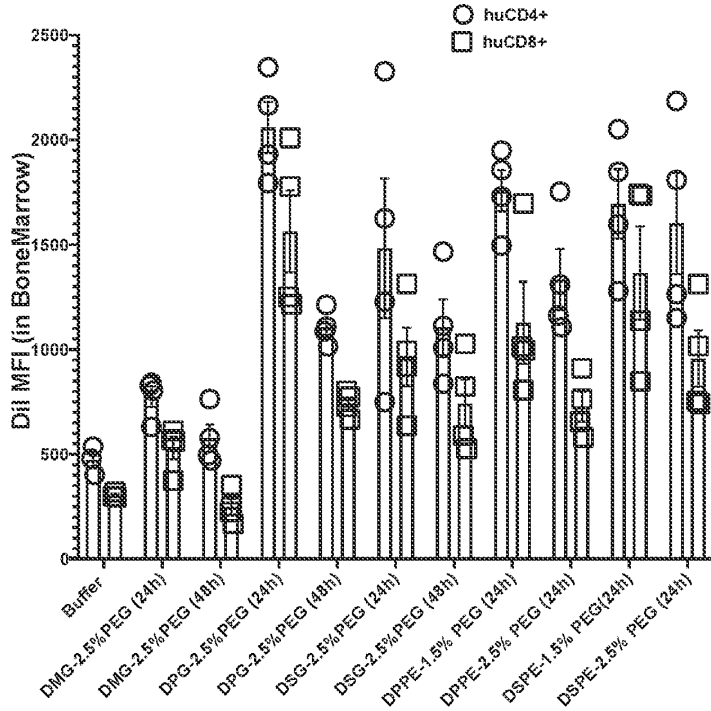


FIG. 60A

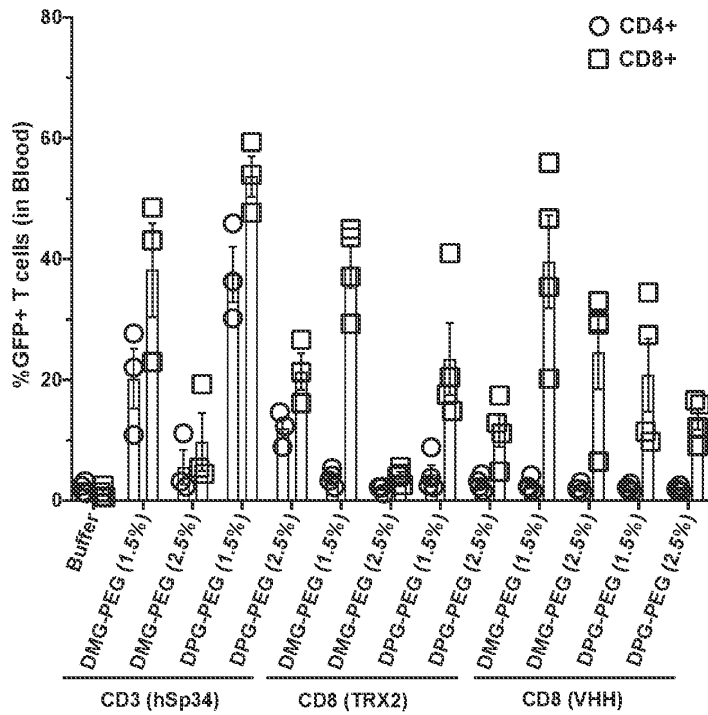


FIG. 60B

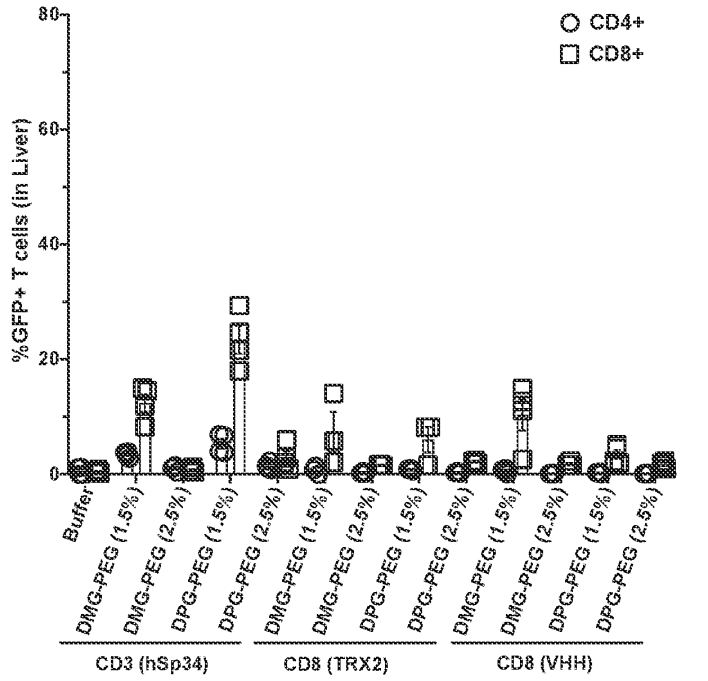


FIG. 60C

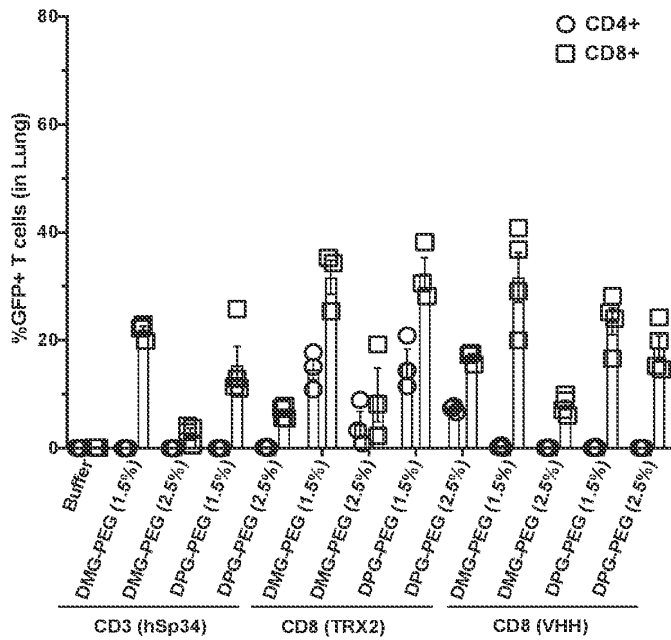


FIG. 60D

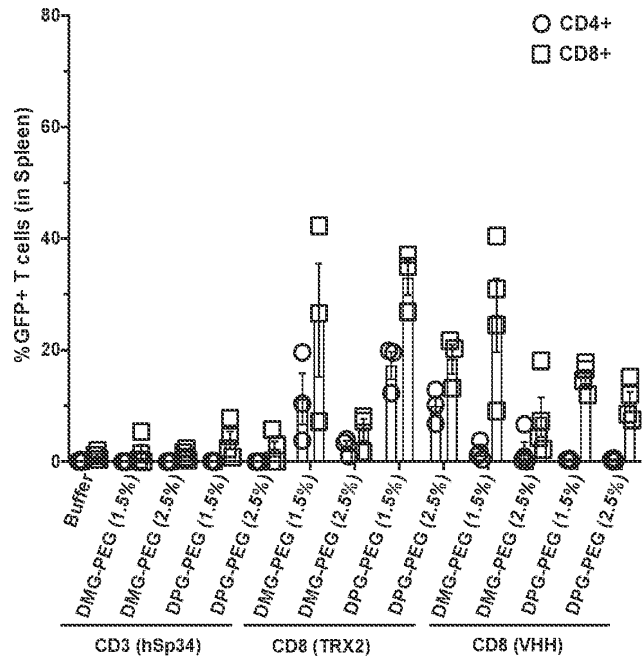


FIG. 60E

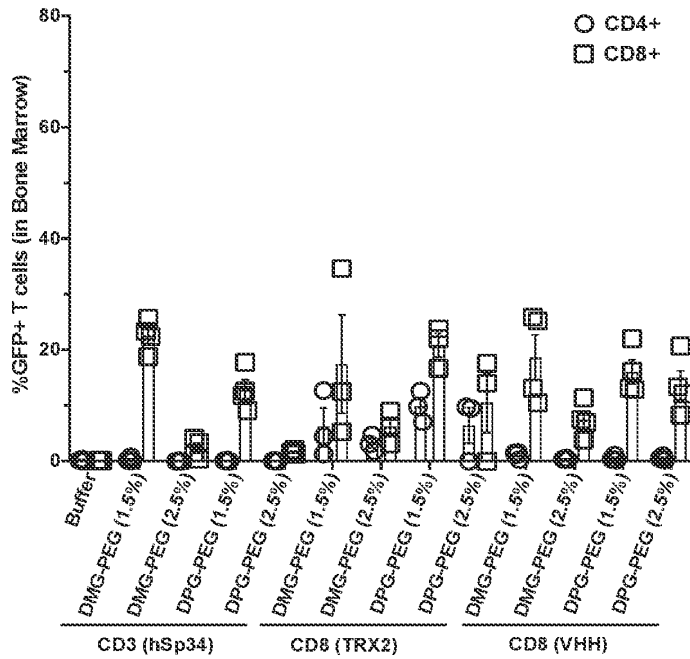


FIG. 60F

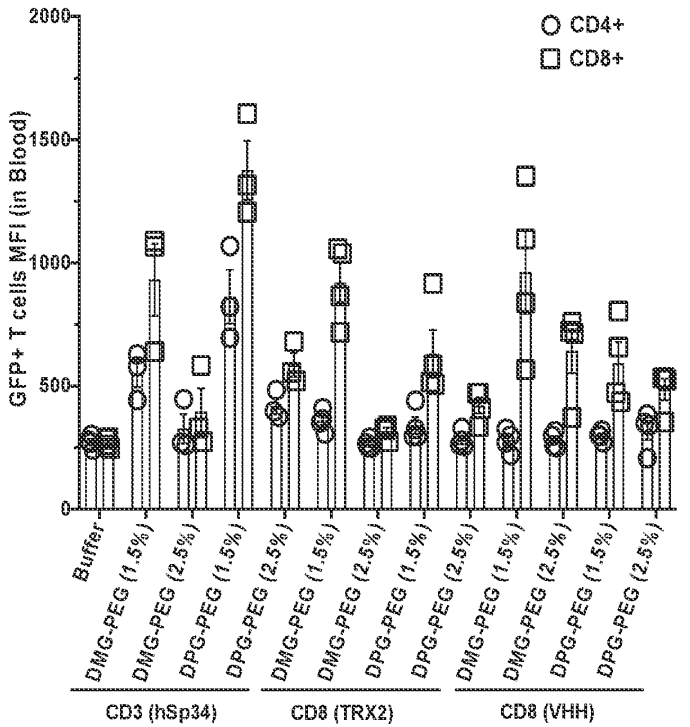


FIG. 60G

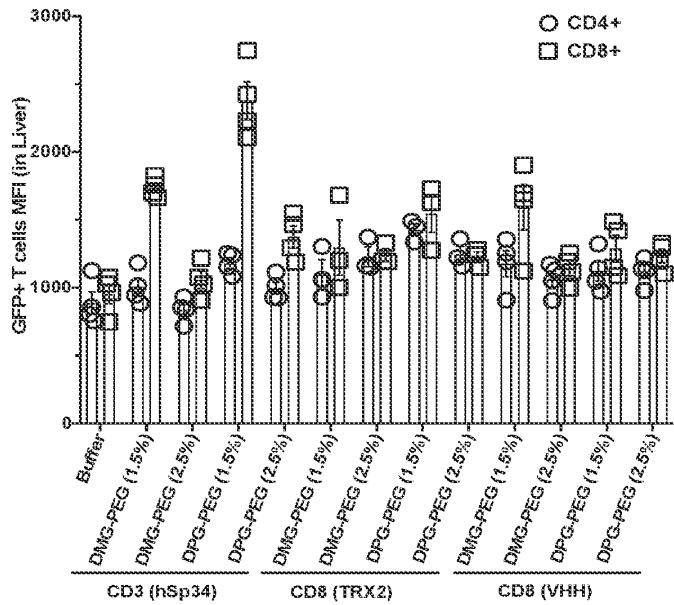


FIG. 60H

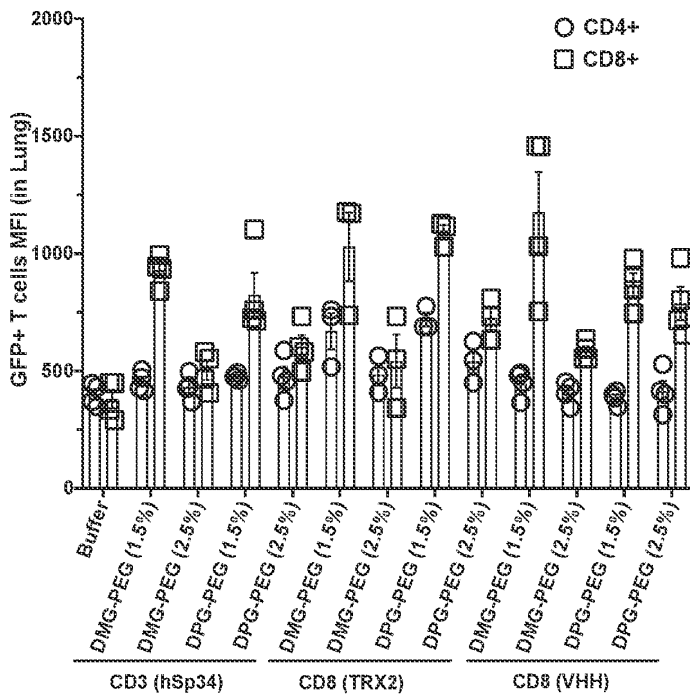


FIG. 60I

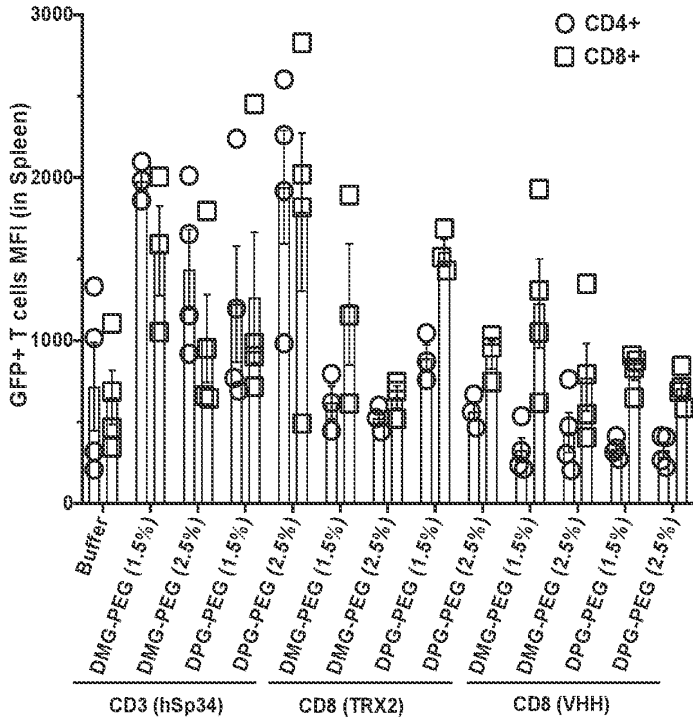


FIG. 60J

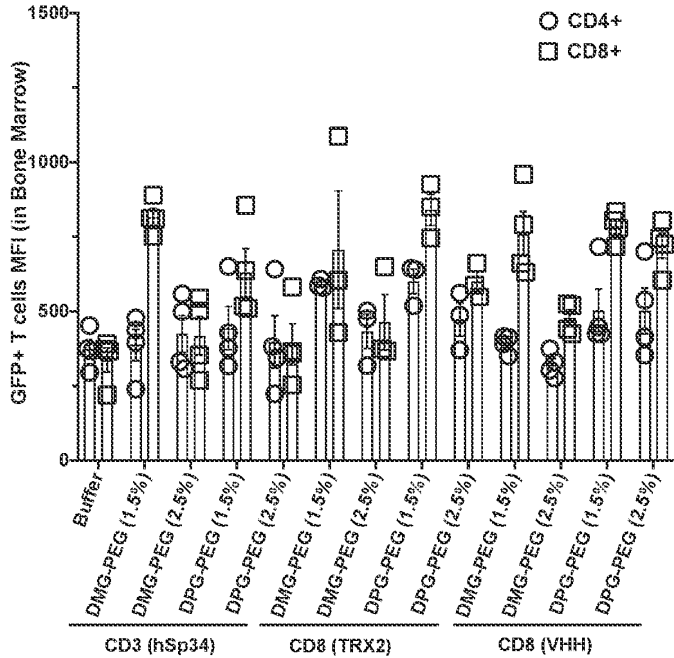


FIG. 60K

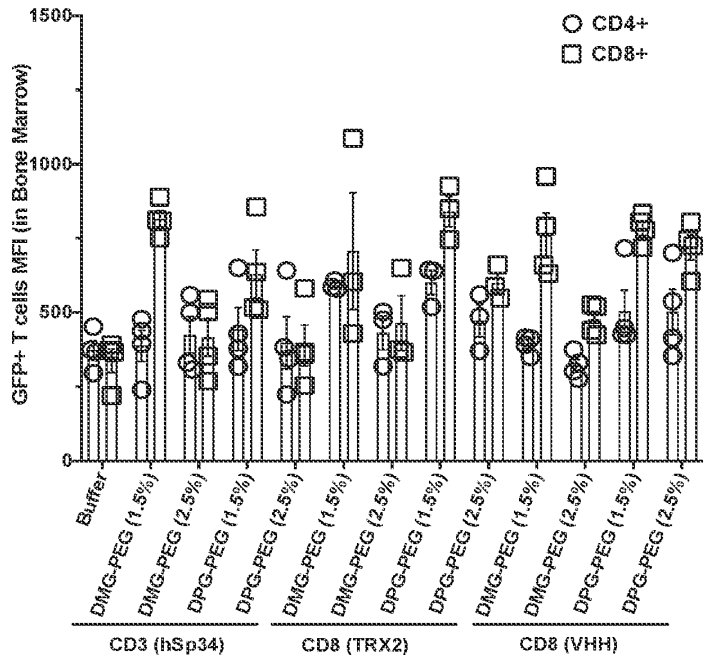


FIG. 60L

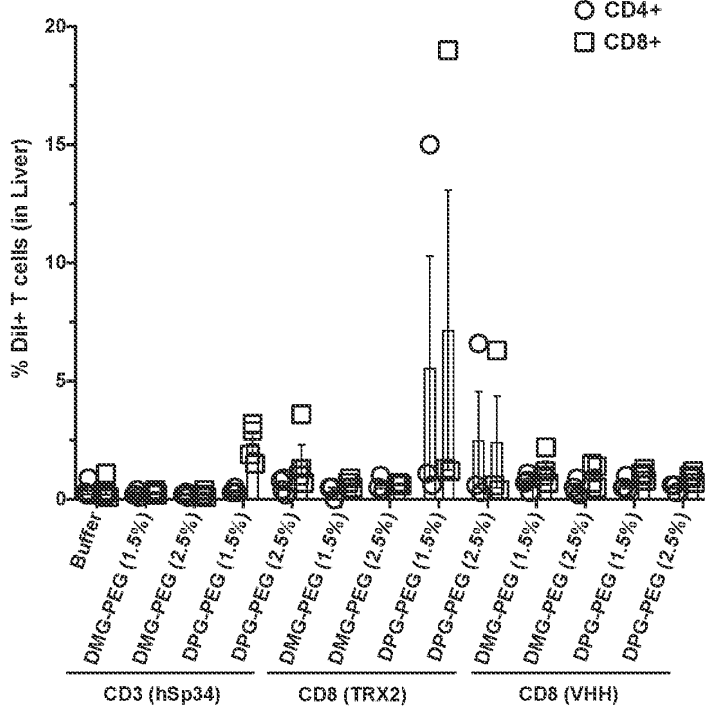


FIG. 60M

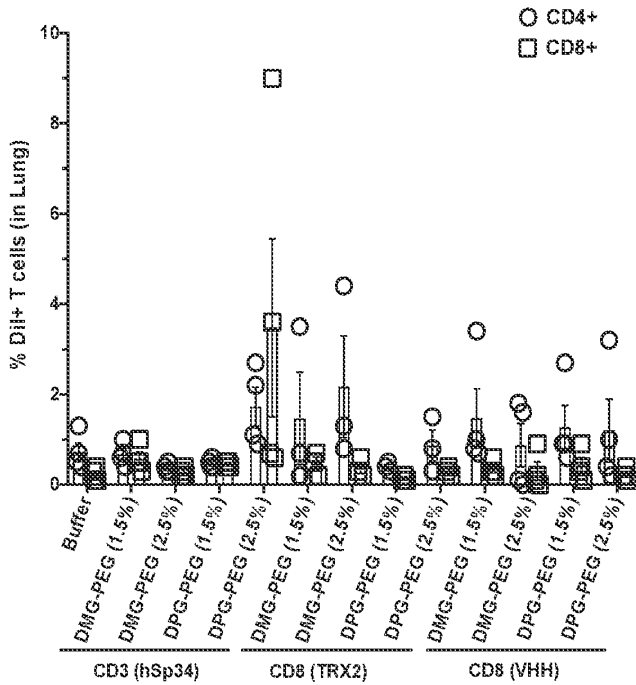


FIG. 60N

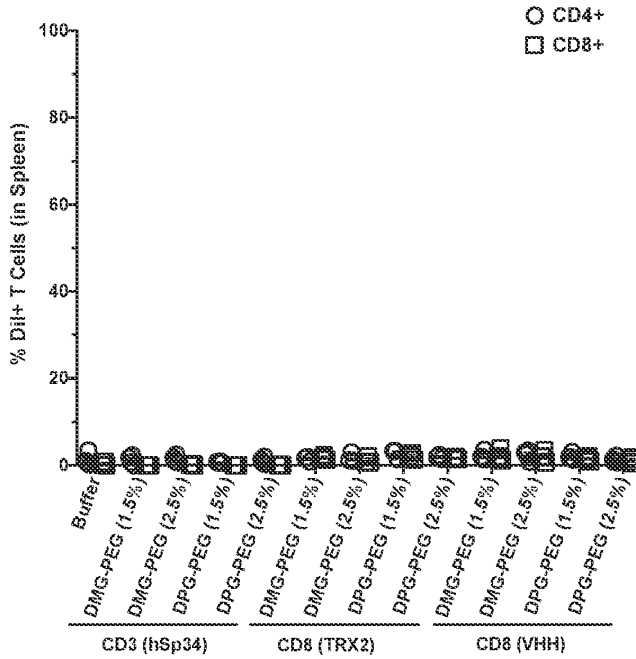


FIG. 600

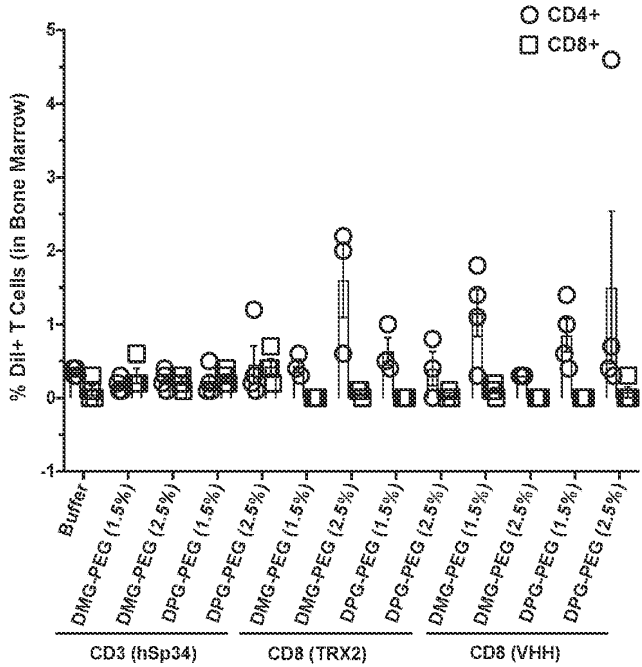


FIG. 60P

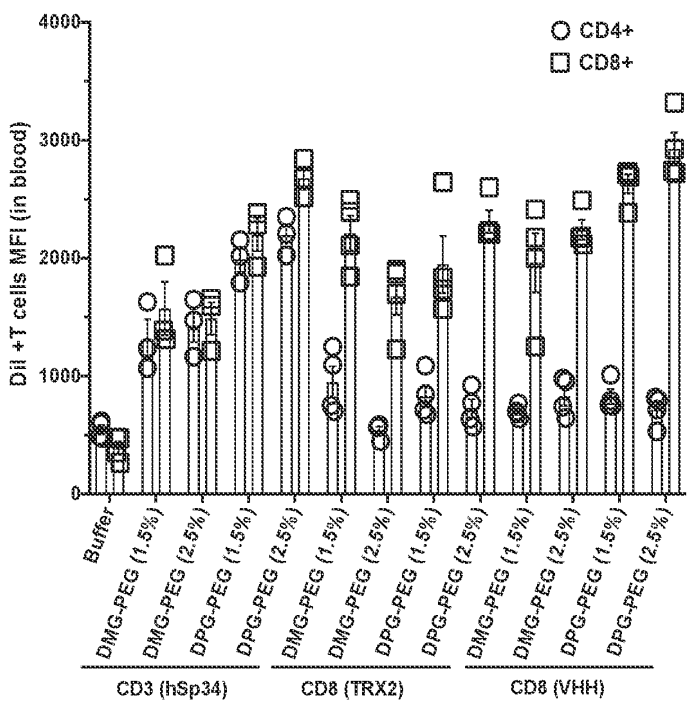


FIG. 60Q

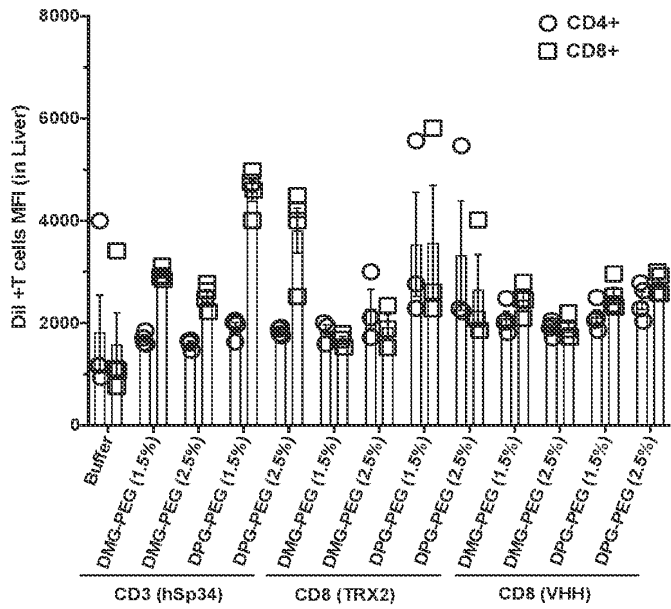


FIG. 60R

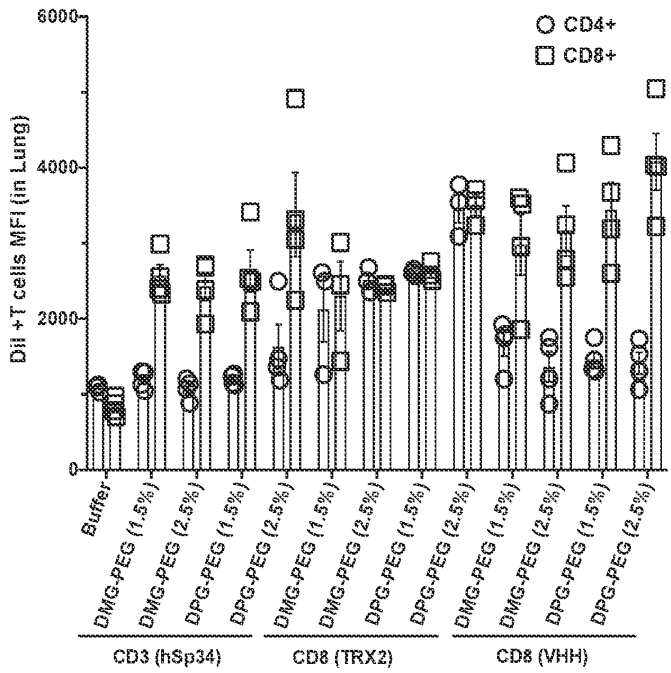


FIG. 60S

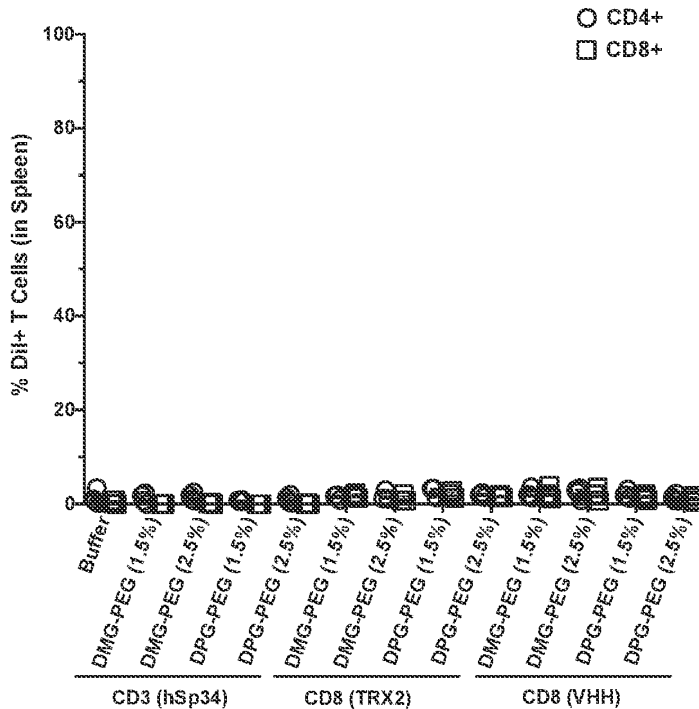


FIG. 60T

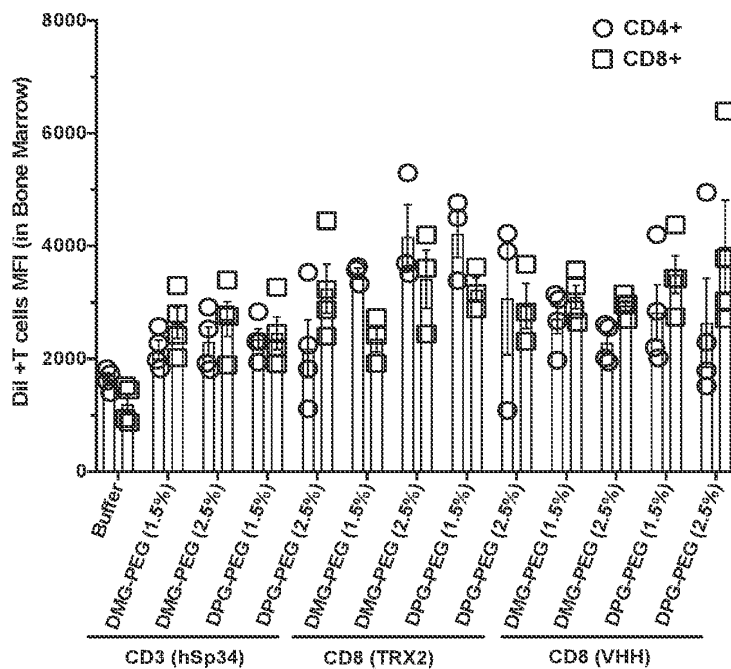


FIG. 61A

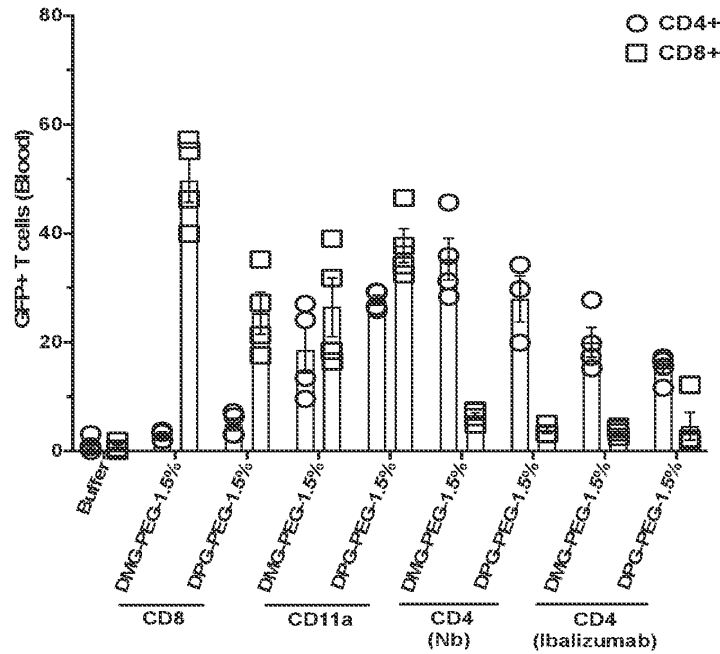


FIG. 61B

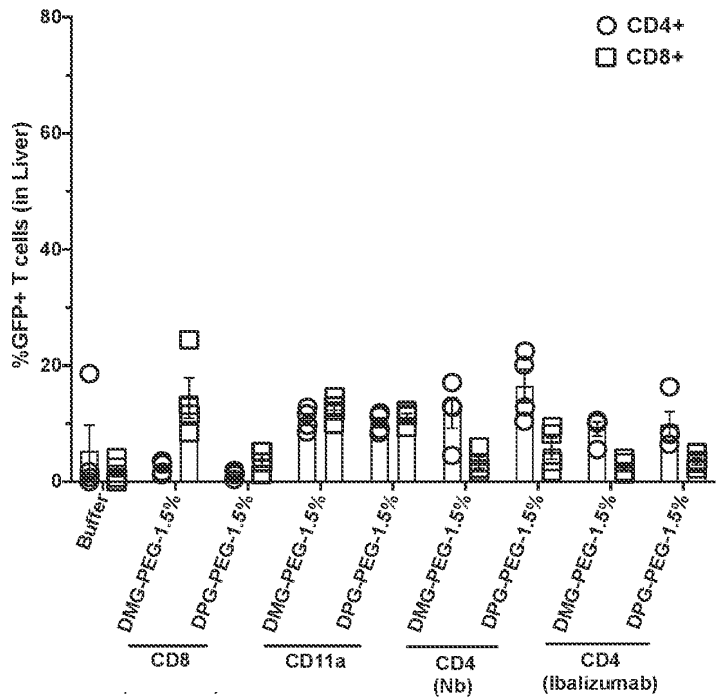


FIG. 61C

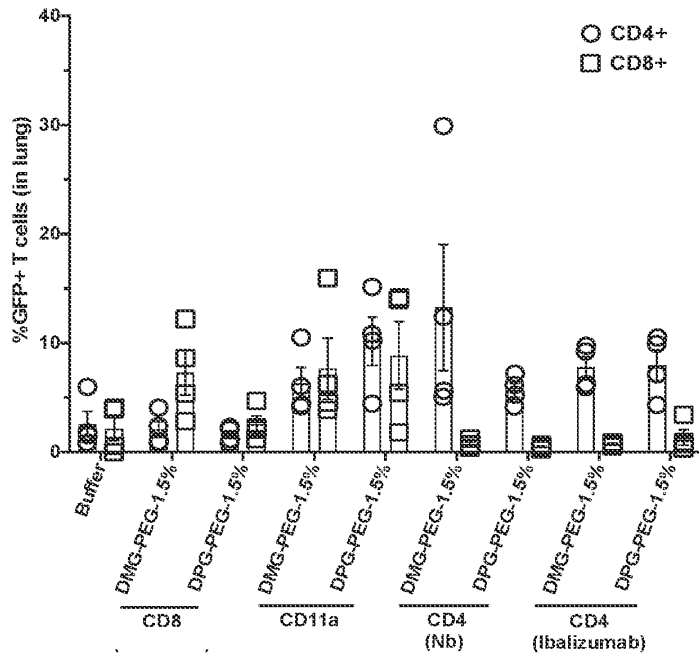


FIG. 61D

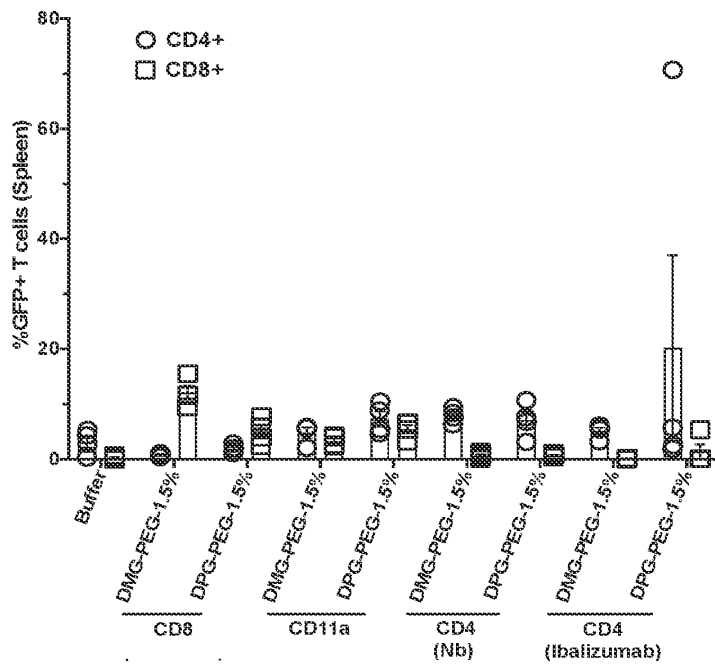


FIG. 61E

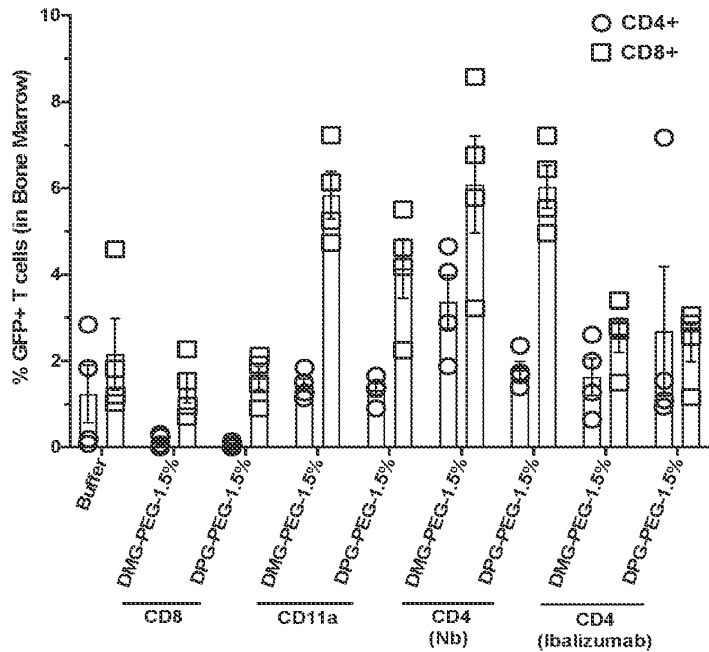


FIG. 61F

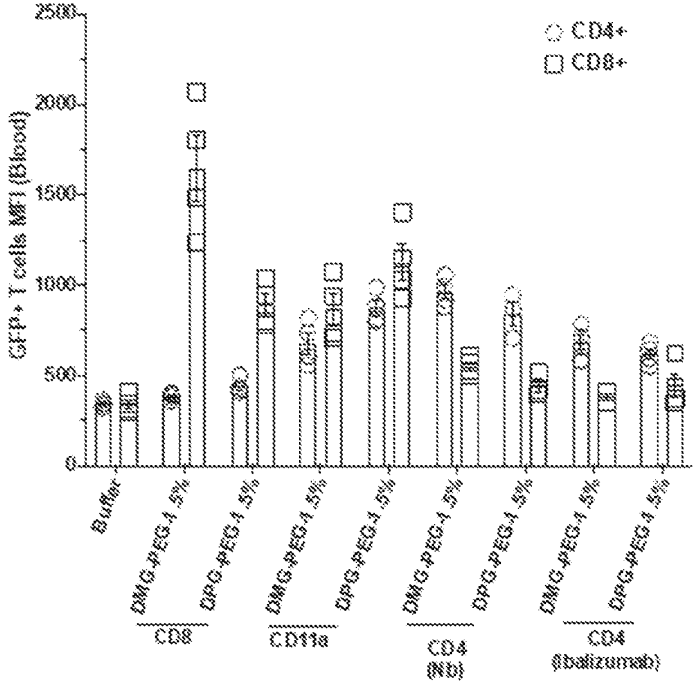


FIG. 6IG

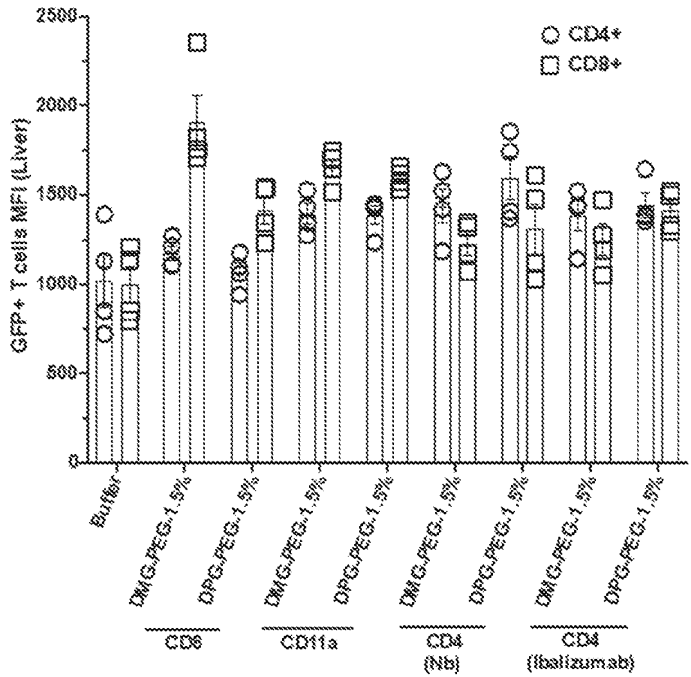


FIG. 6IH

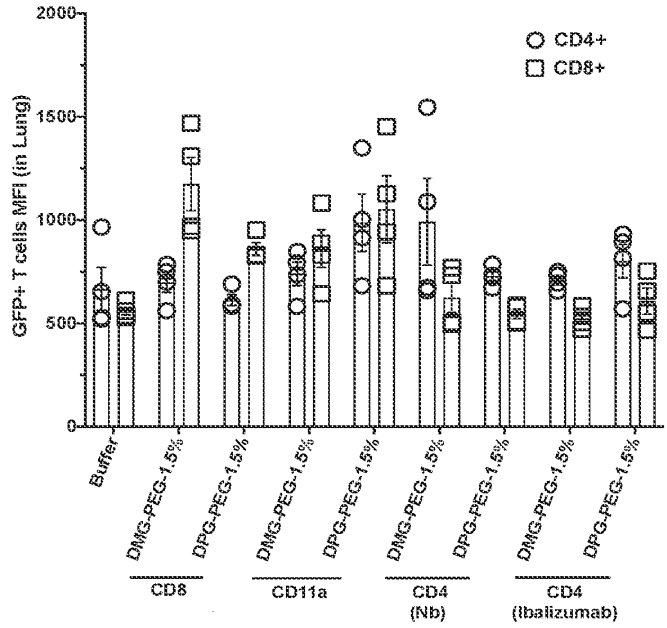


FIG. 61I

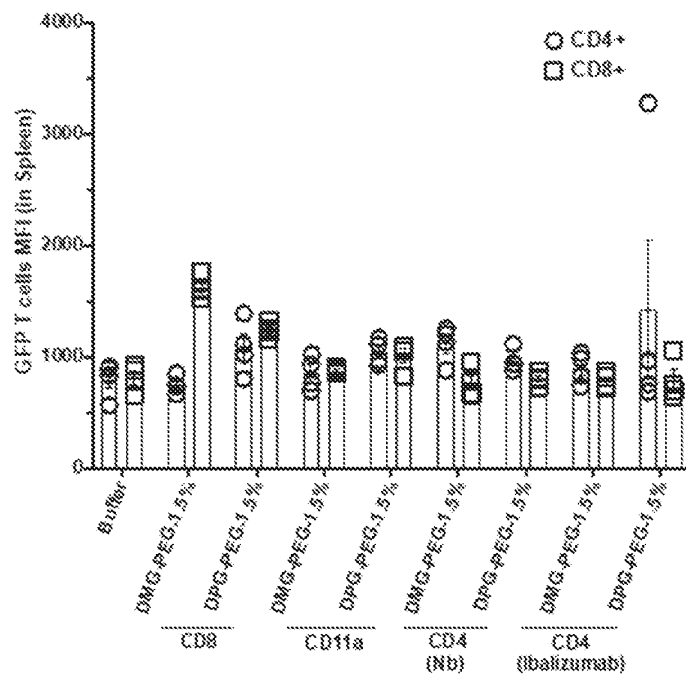


FIG. 61J

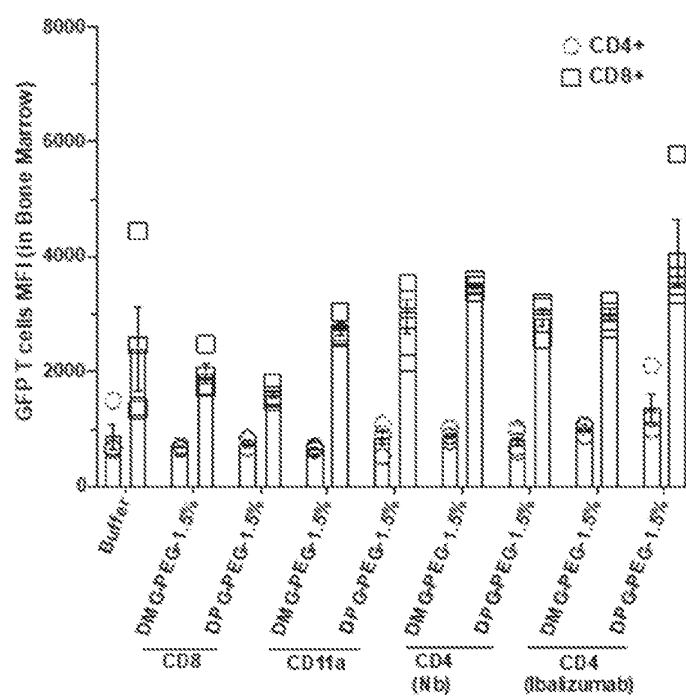


FIG. 61K

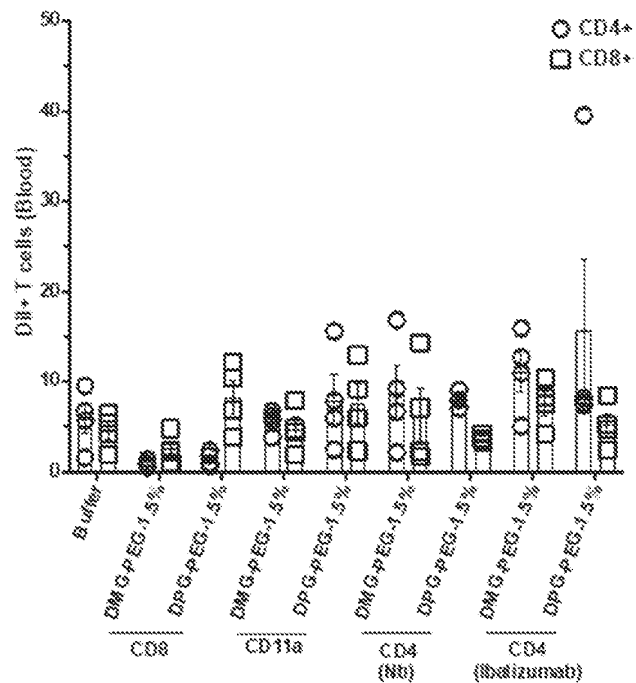


FIG. 61L

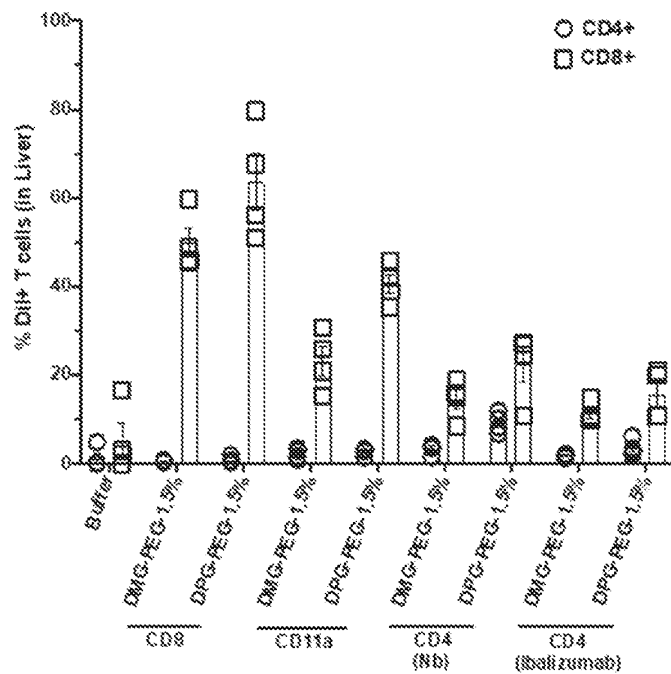


FIG. 61M

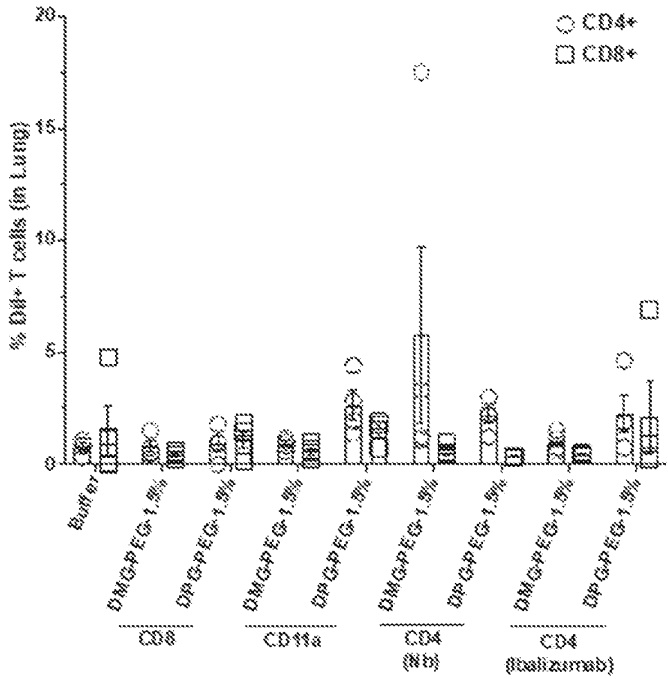


FIG. 61N

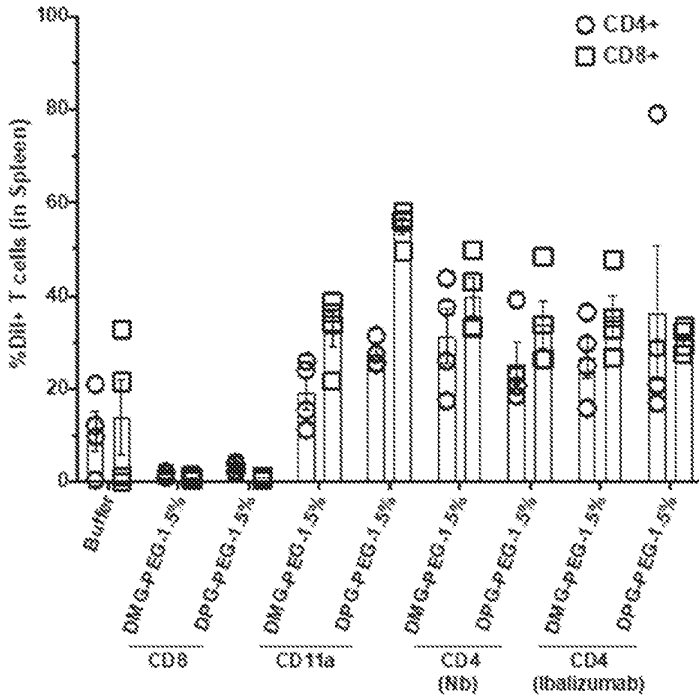


FIG. 61O

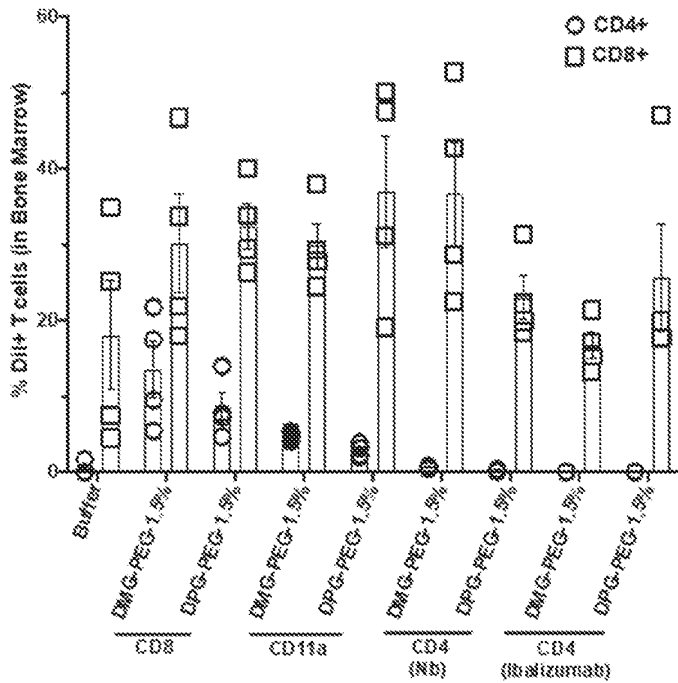


FIG. 61P

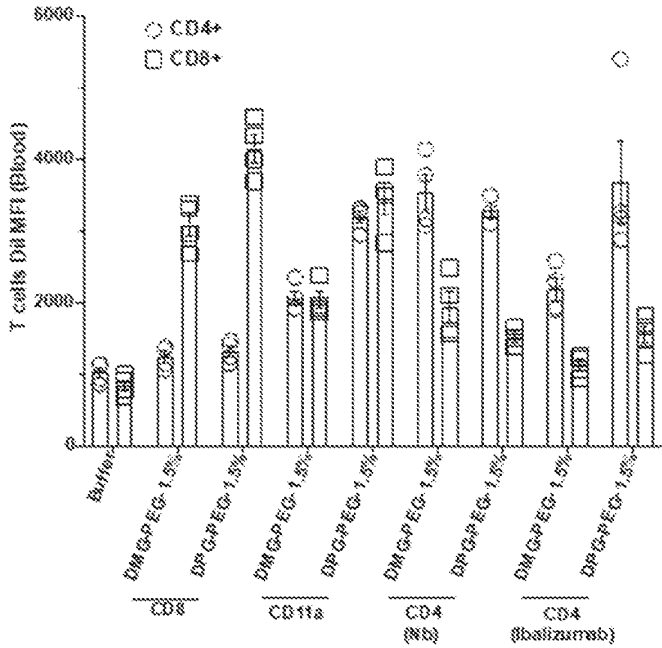


FIG. 61Q

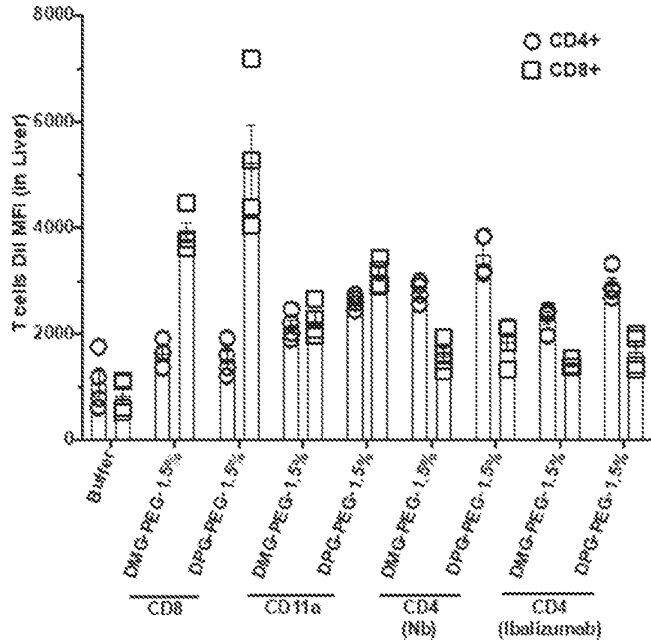


FIG. 61R

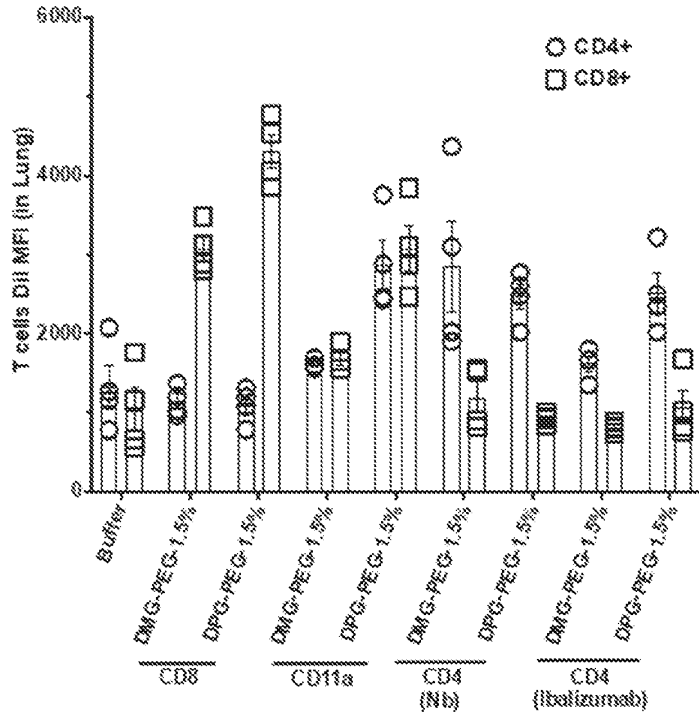


FIG. 61S

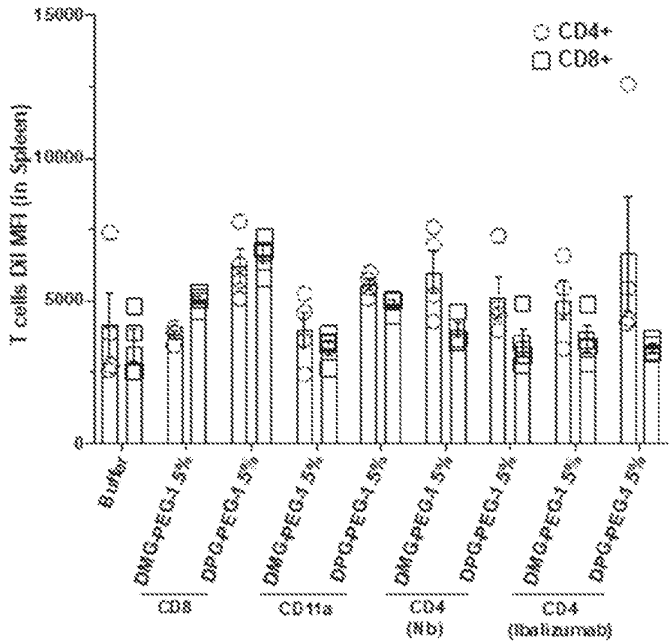
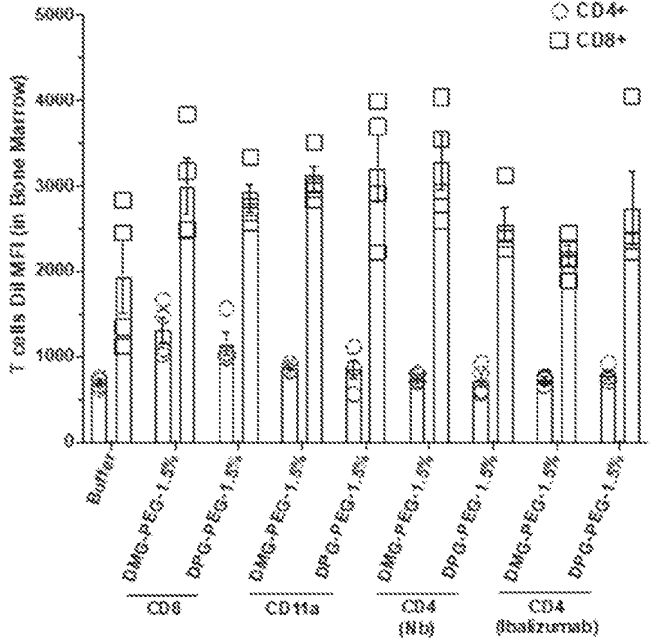


FIG. 61T



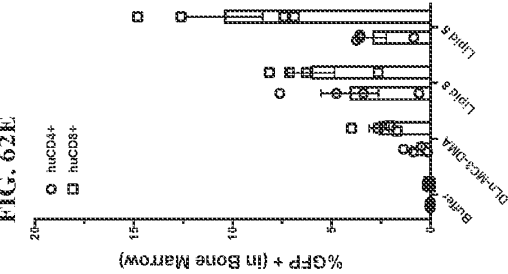
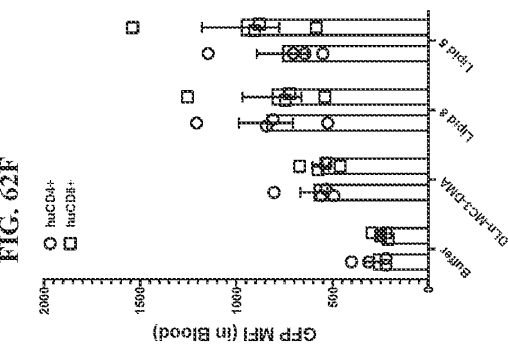
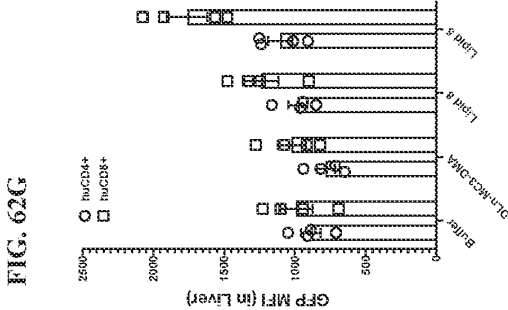
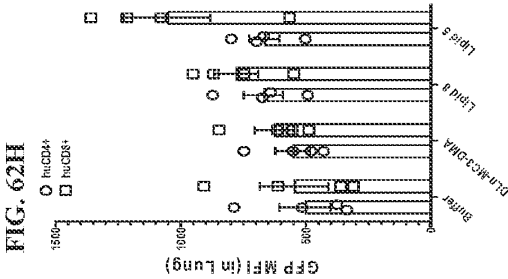
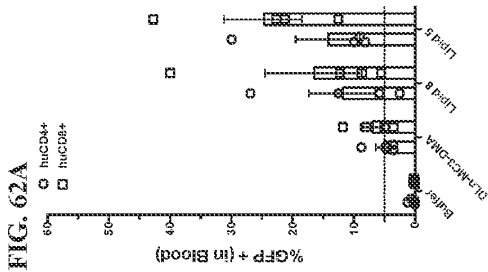
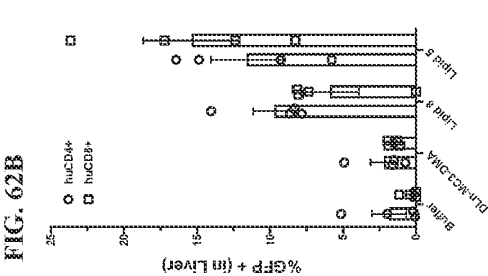
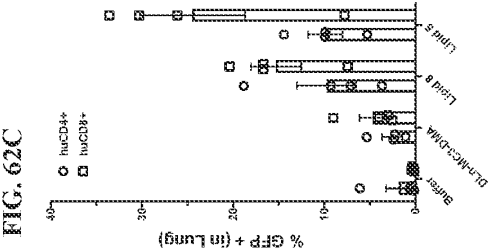
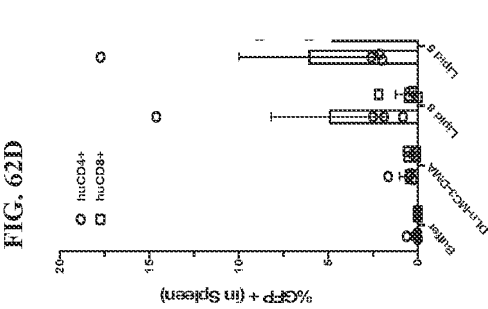


FIG. 62L

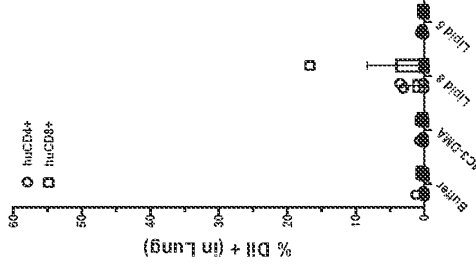


FIG. 62K

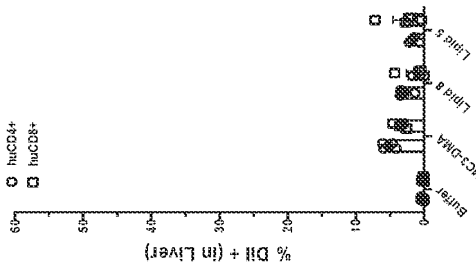


FIG. 62J

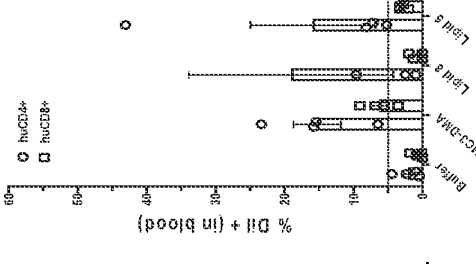


FIG. 62I

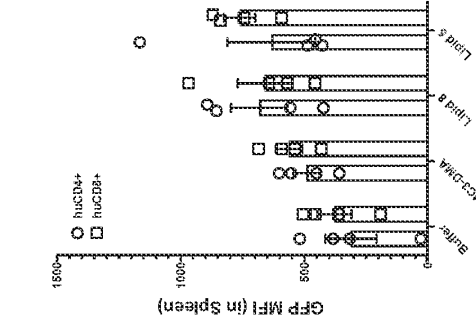


FIG. 62P

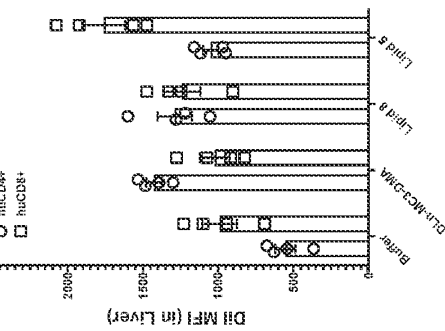


FIG. 62O

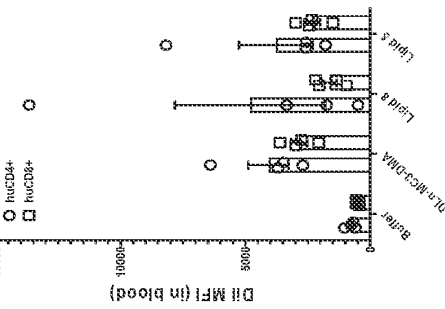


FIG. 62N

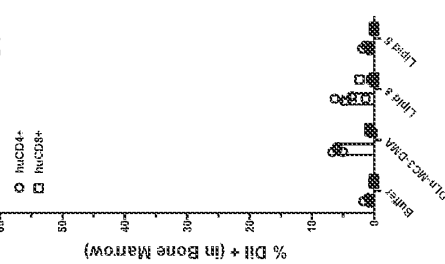


FIG. 62M

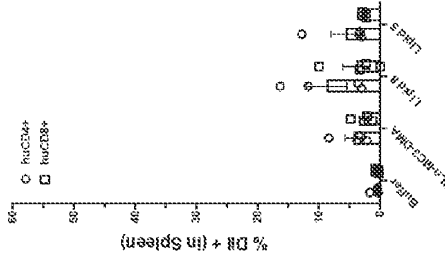


FIG. 62S

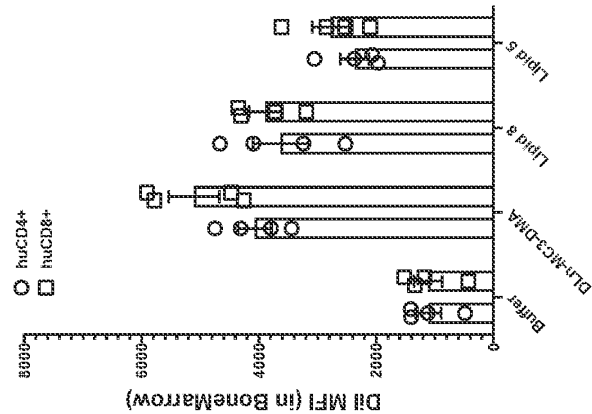


FIG. 62R

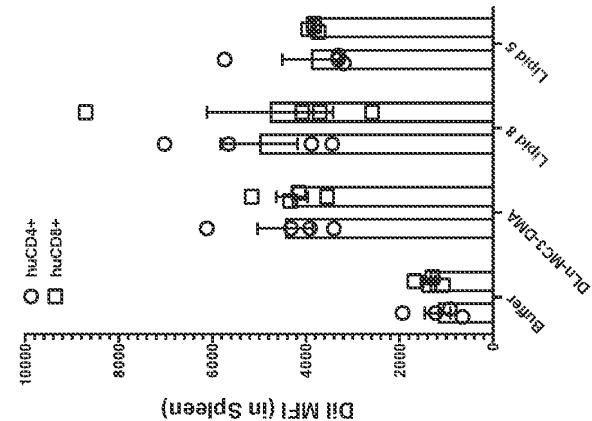
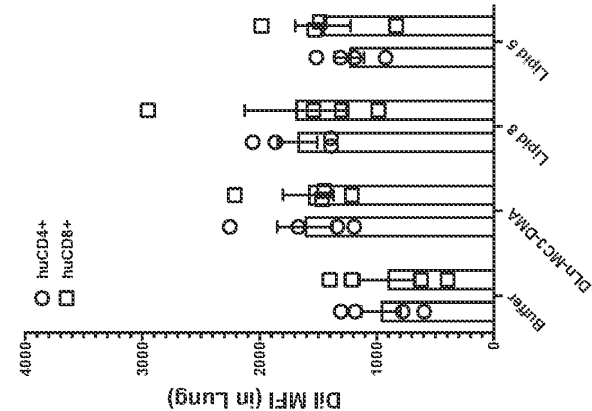


FIG. 62Q



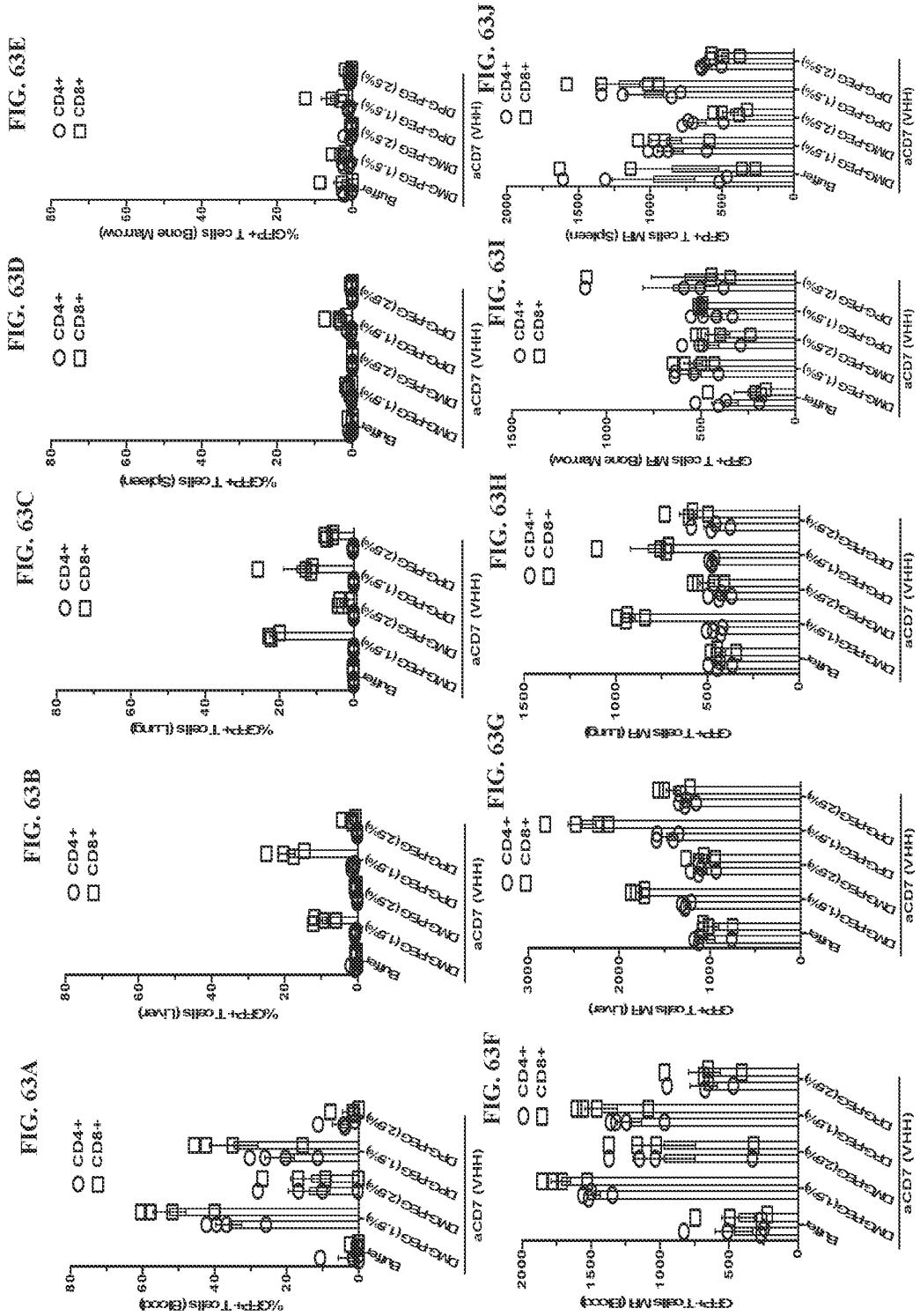


FIG. 63O

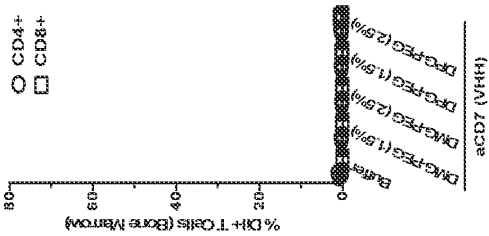


FIG. 63N

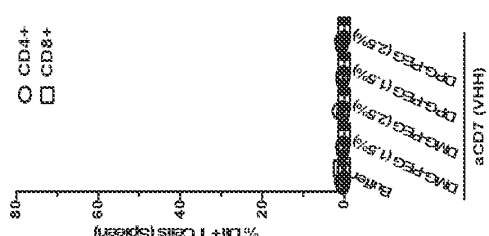


FIG. 63M

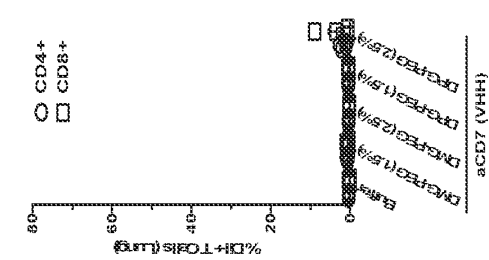


FIG. 63L

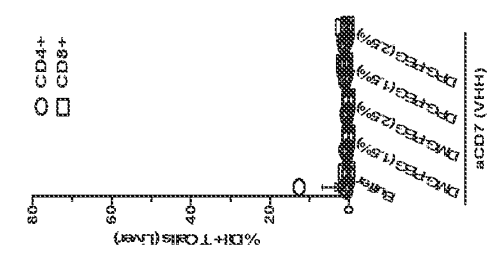


FIG. 63K

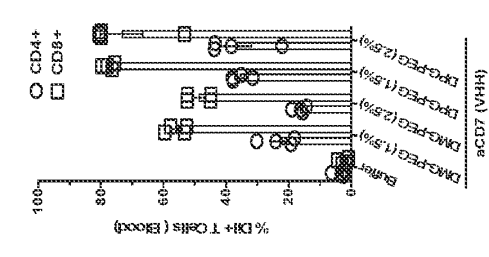


FIG. 63T

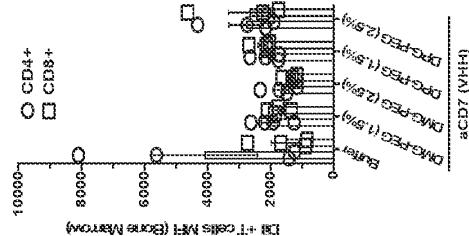


FIG. 63S

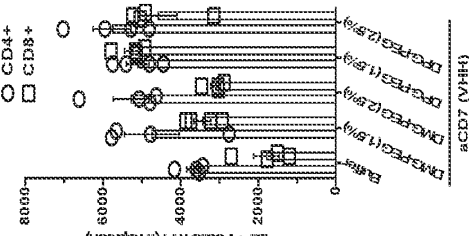


FIG. 63R

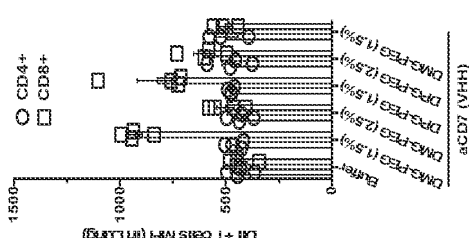


FIG. 63Q

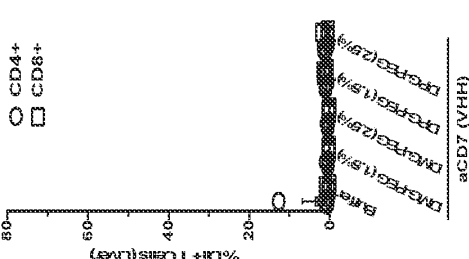
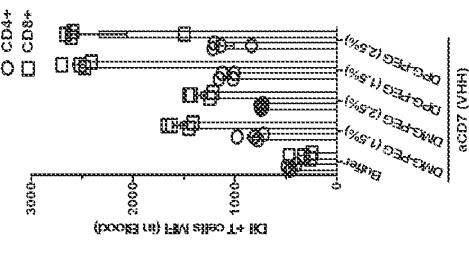


FIG. 63P



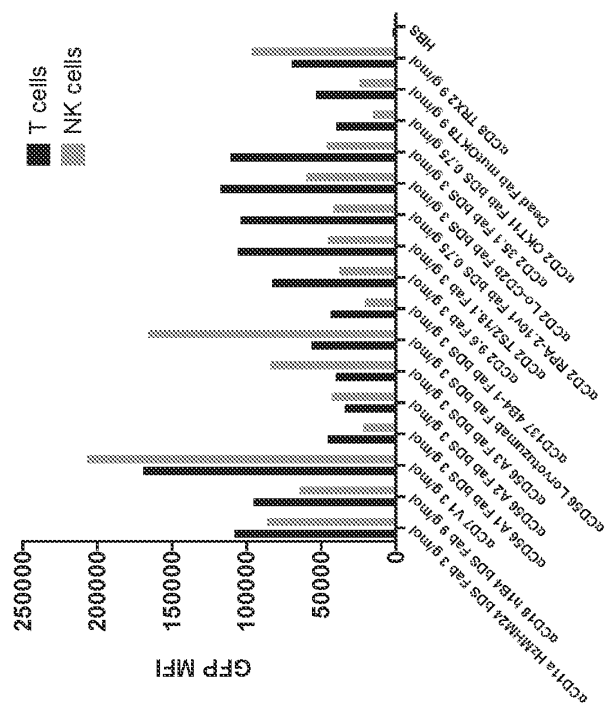
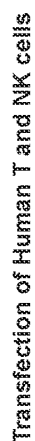


FIG. 64A

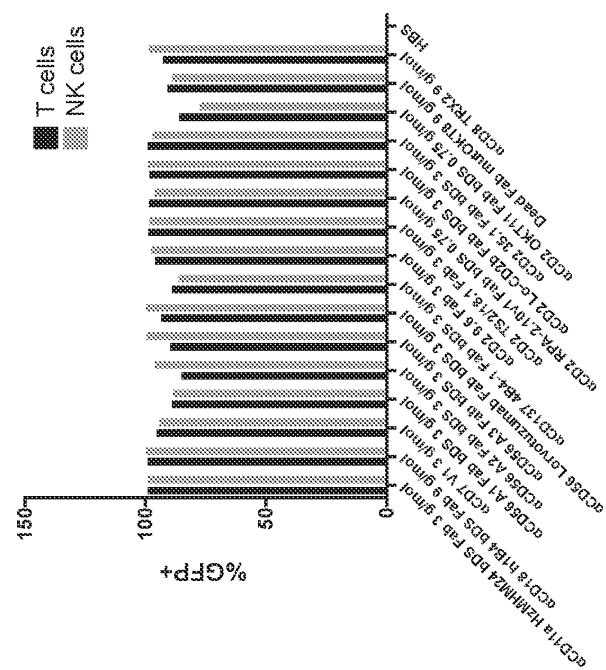
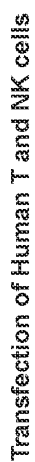


FIG. 64C

Uptake by Human T and NK cells

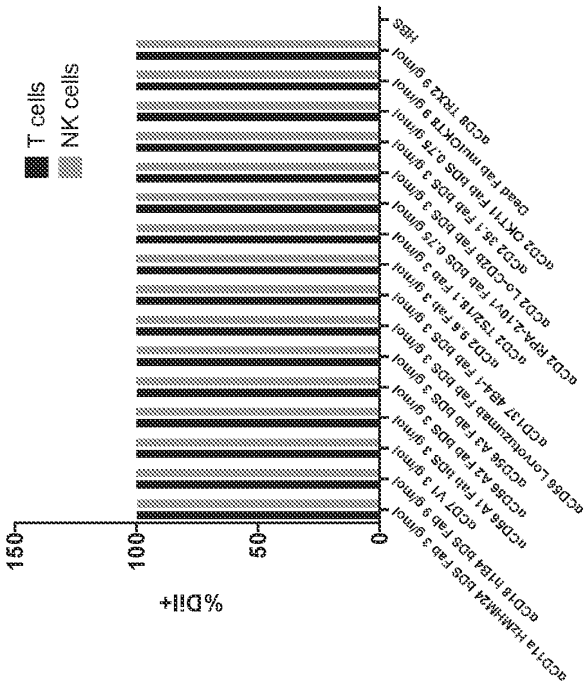


FIG. 64D

Uptake of Human T and NK cells

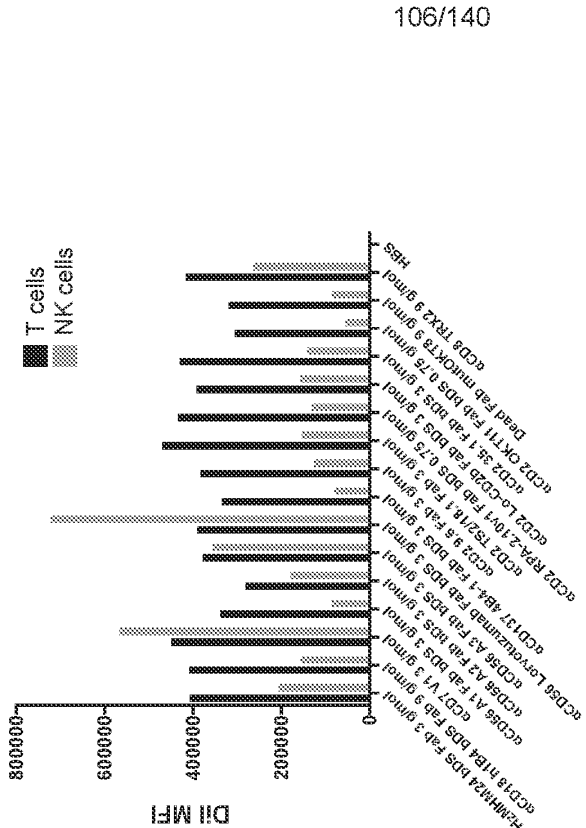


FIG. 65A

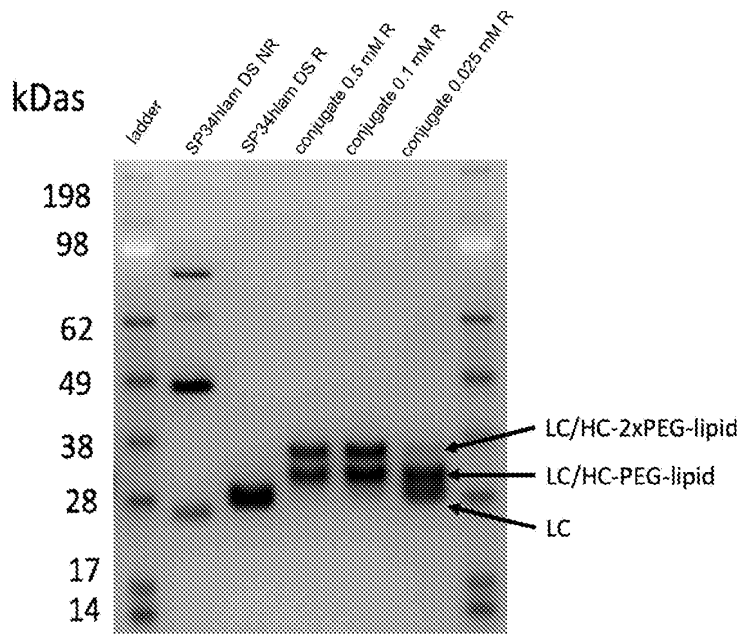


FIG. 65B

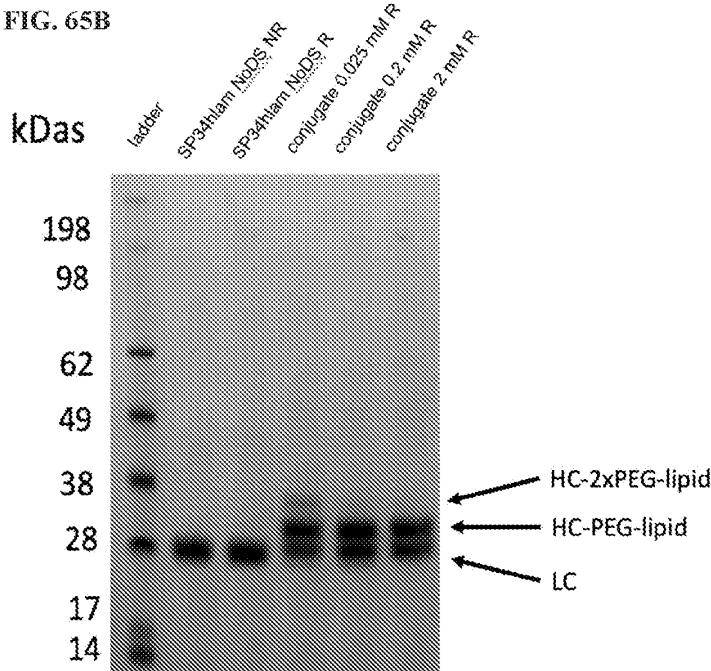


FIG. 65C

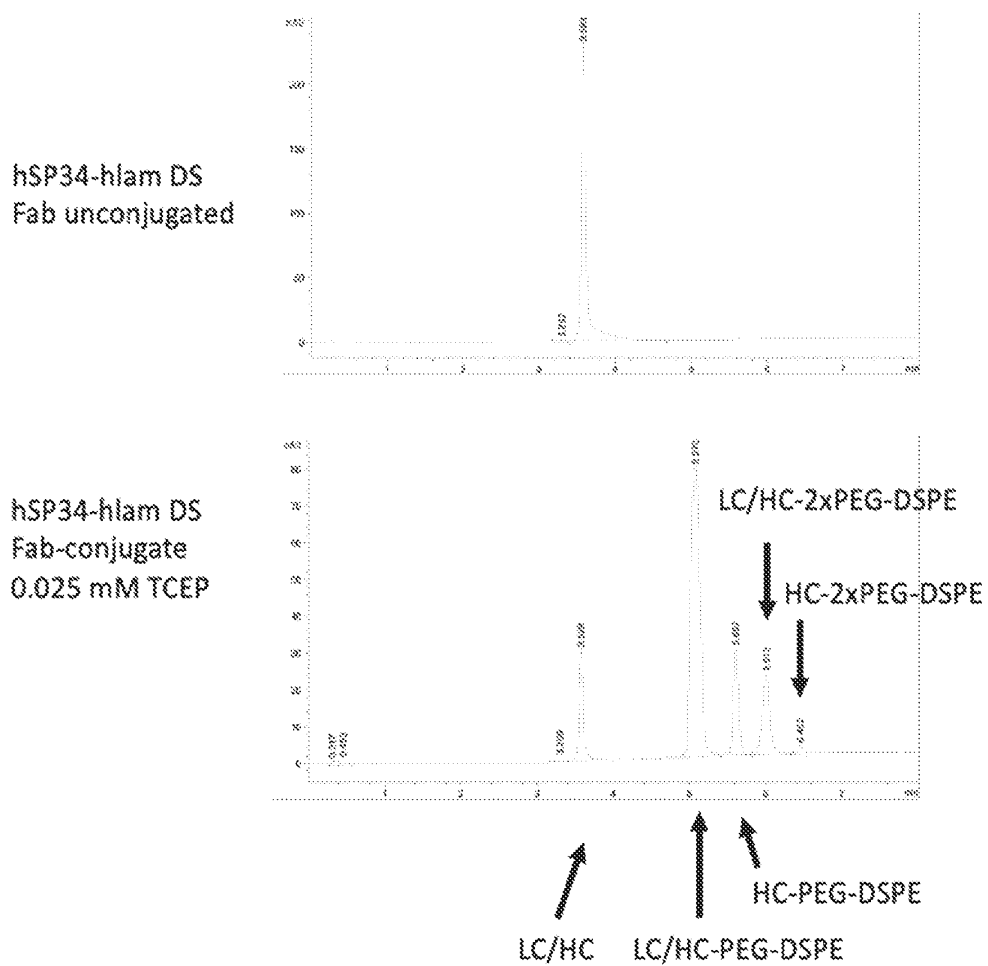


FIG. 65D

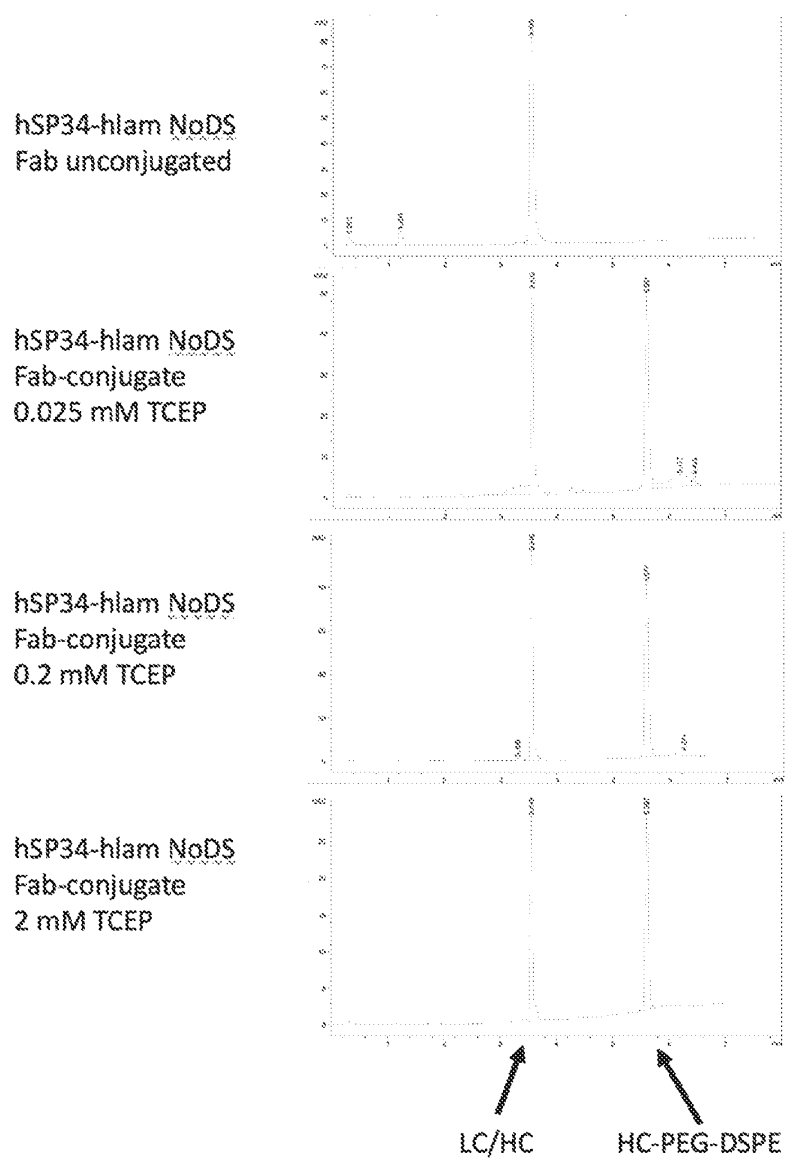


FIG. 65F

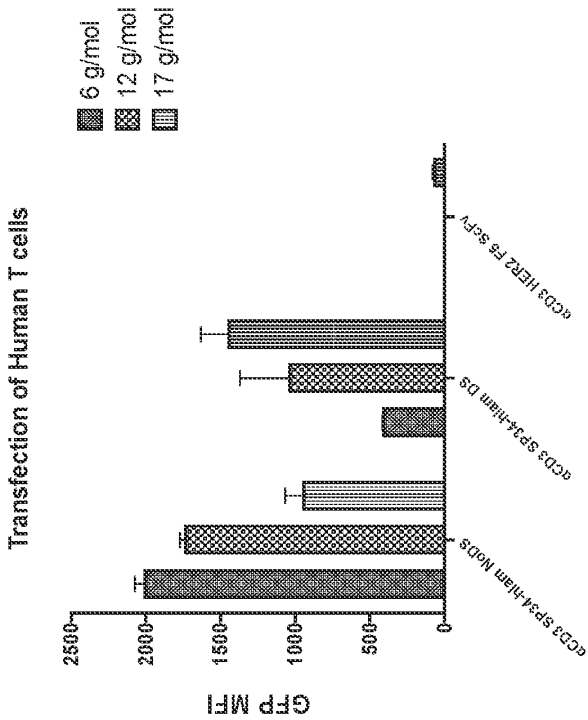
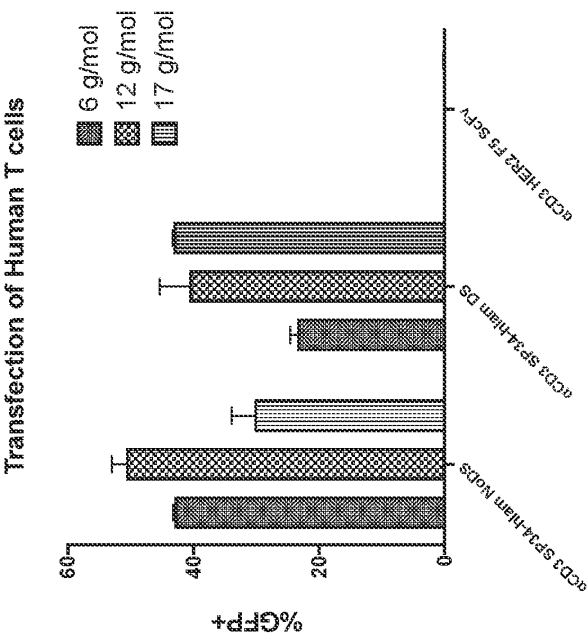


FIG. 65E



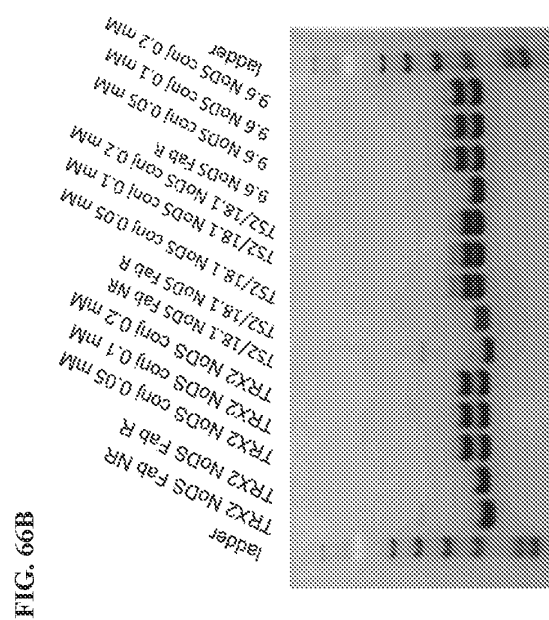
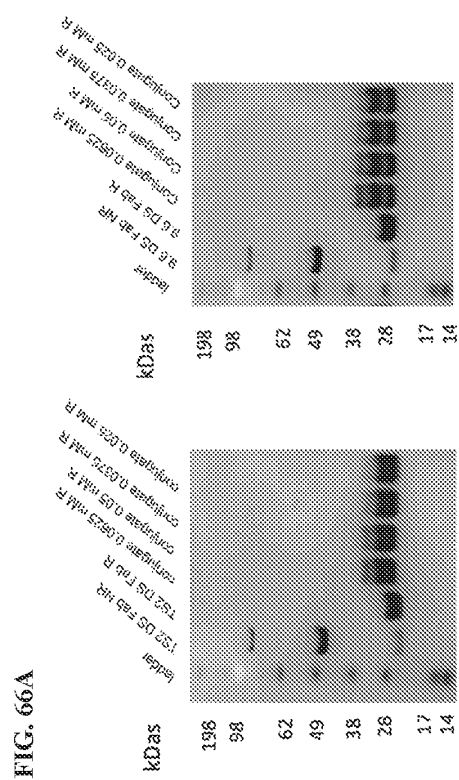


FIG. 66C

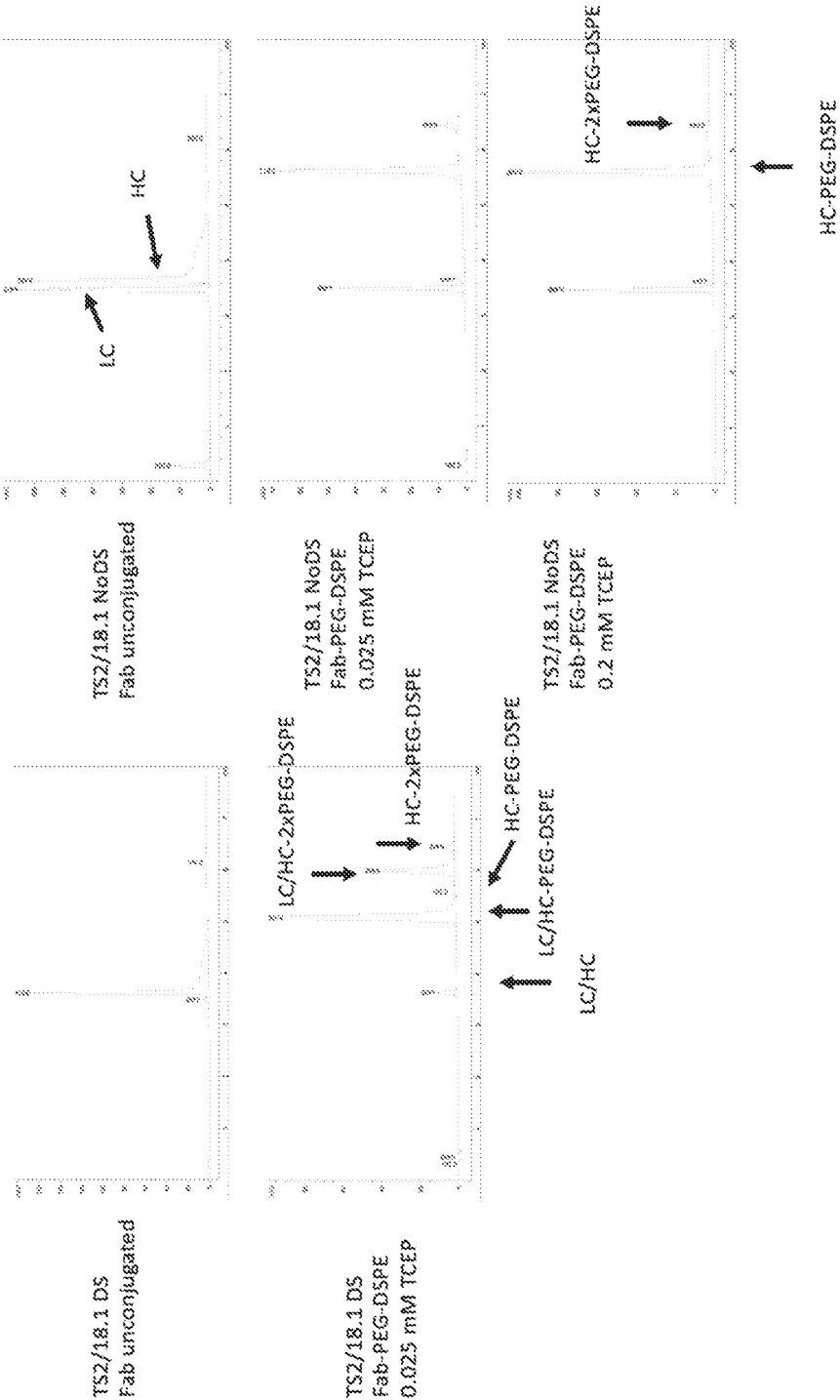
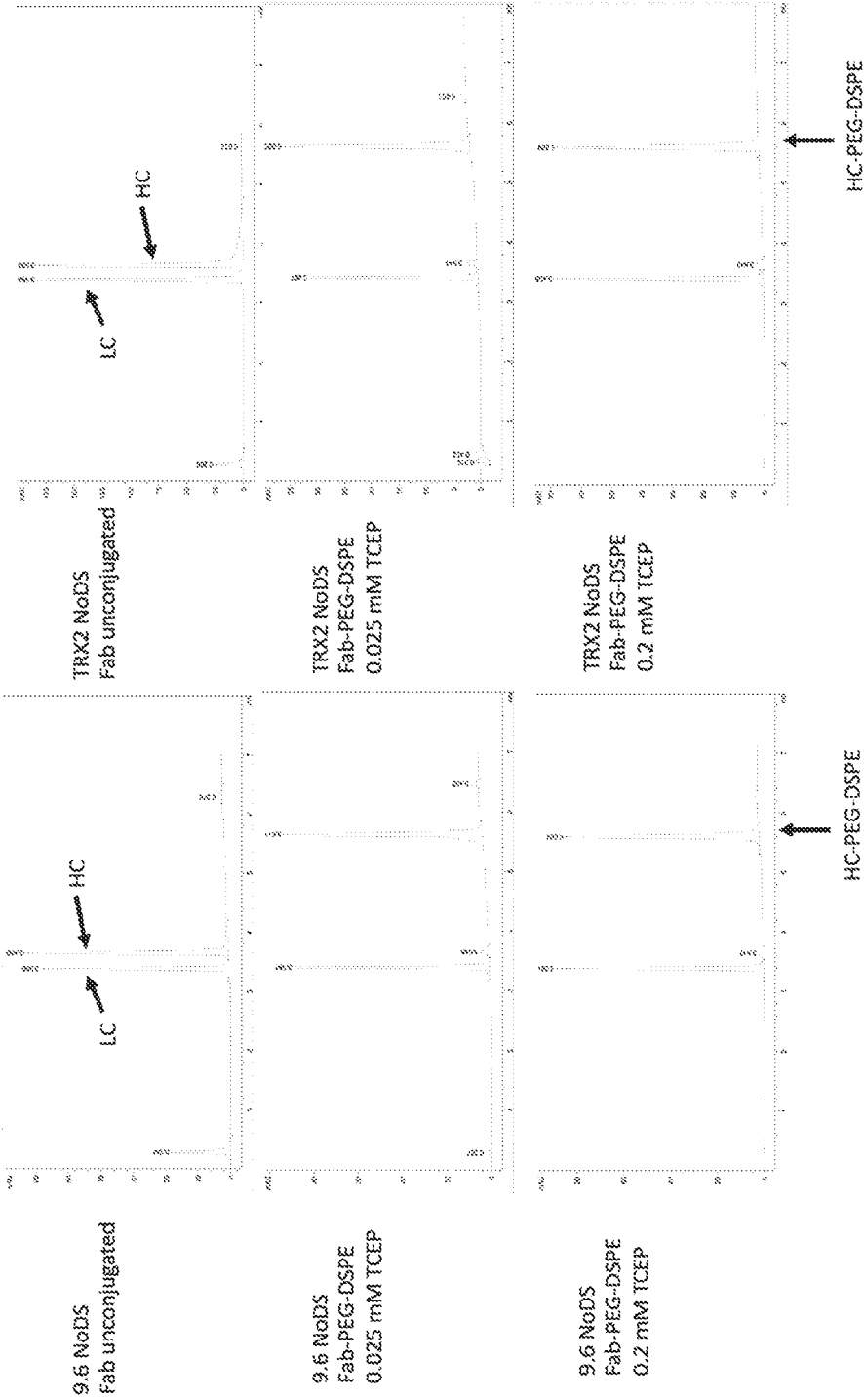


FIG. 66D



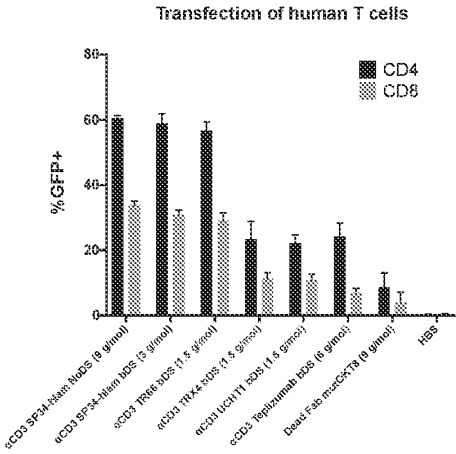


FIG. 67A

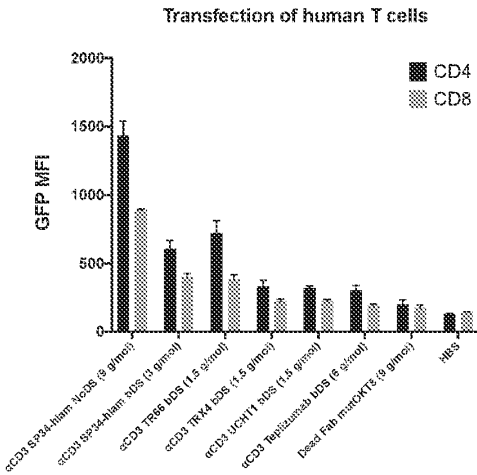


FIG. 67B

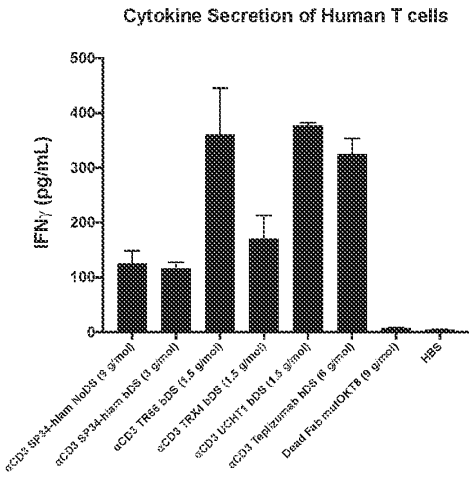


FIG. 67C

FIG. 68A

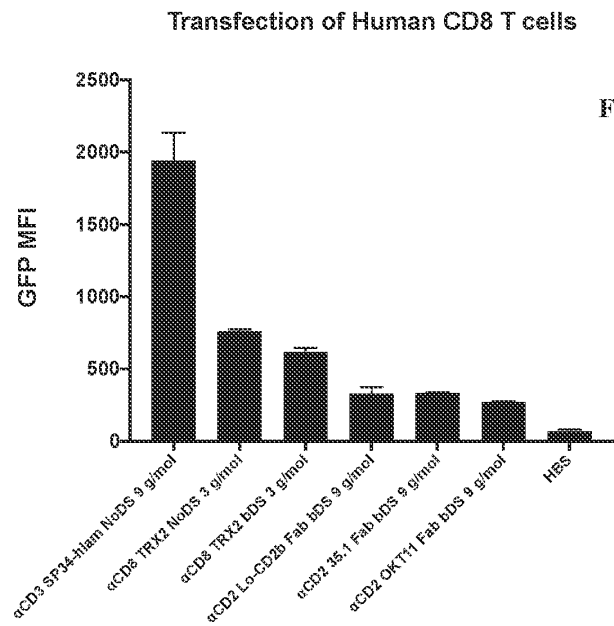
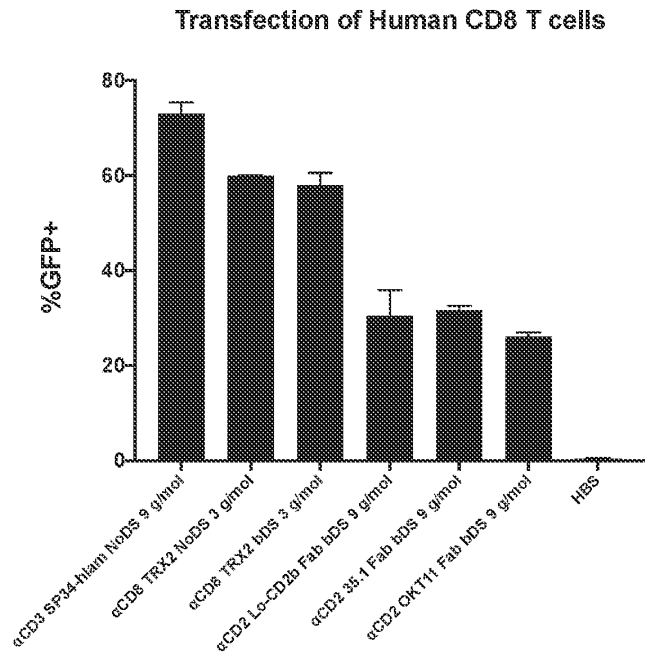


FIG. 68B

FIG. 69A

FIG. 69B

FIG. 69C

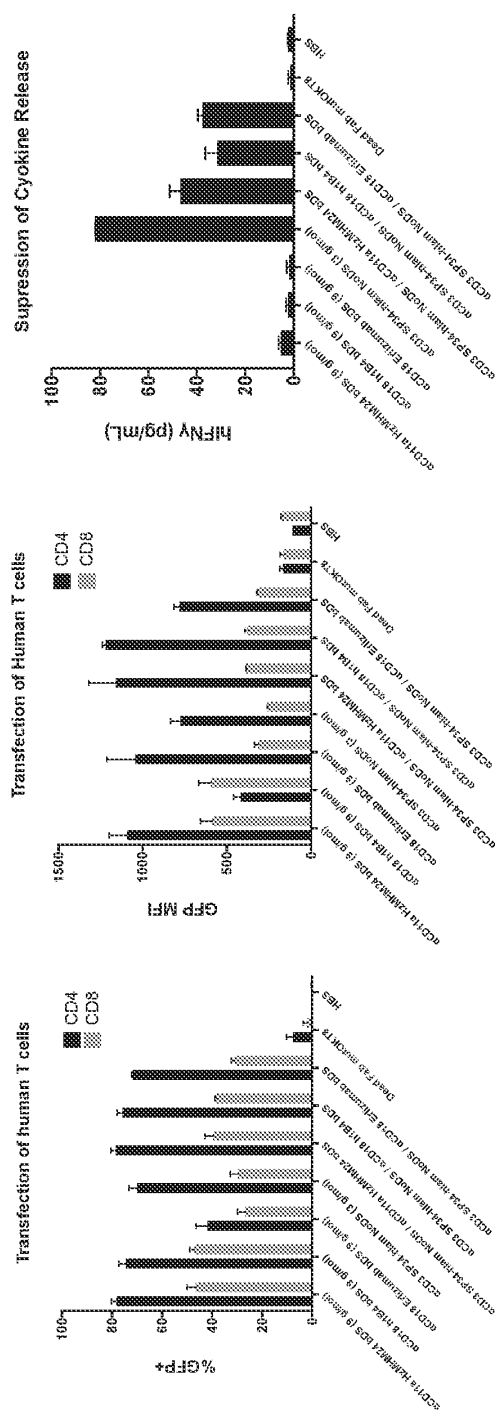


FIG. 70A

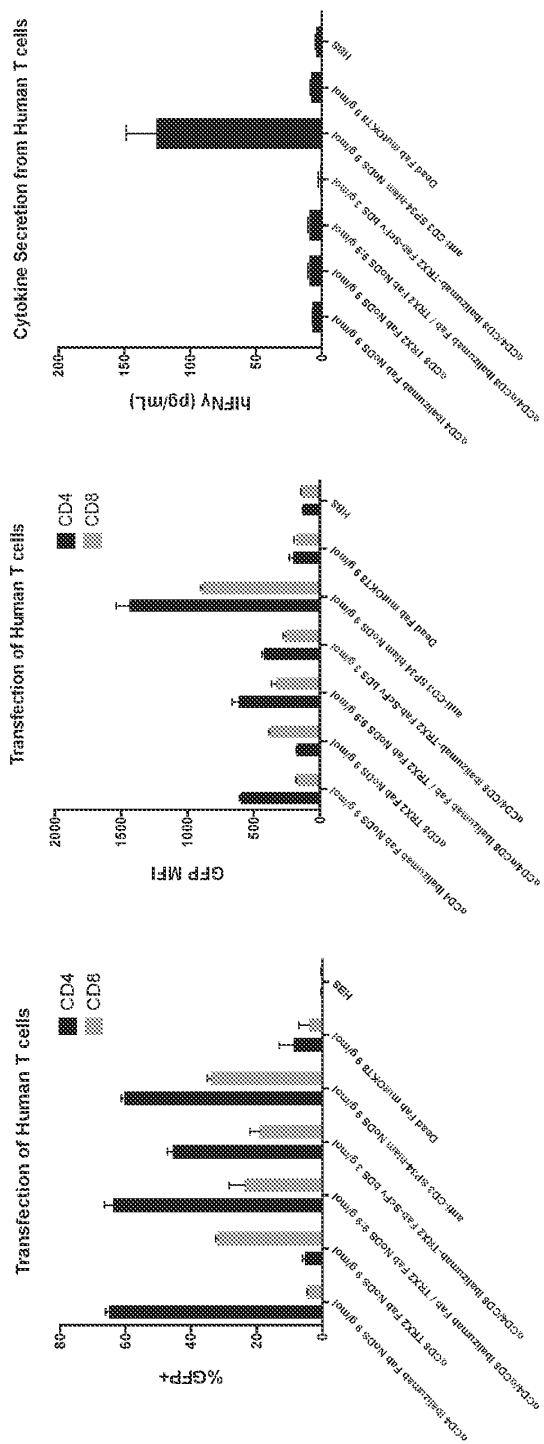


FIG. 71B

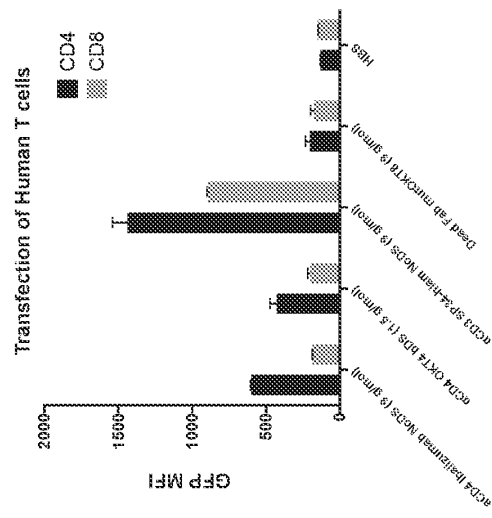


FIG. 71A

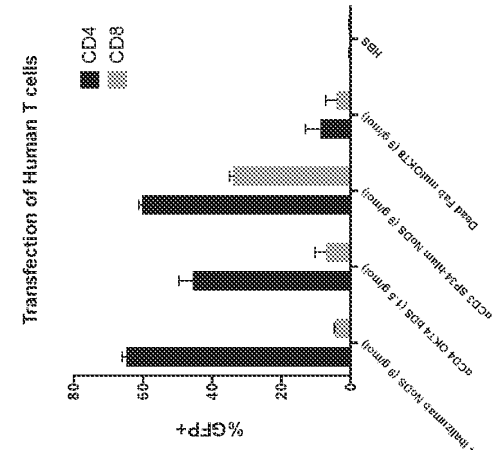


FIG. 71C

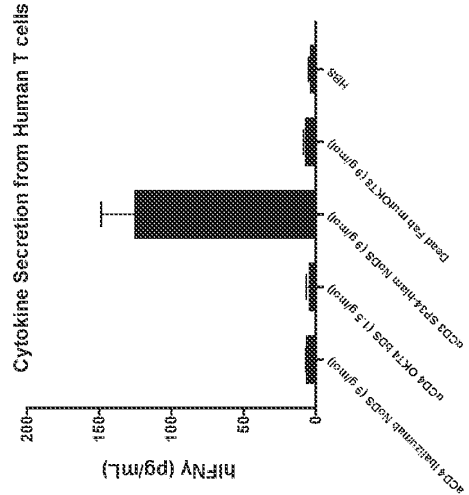


FIG. 72B

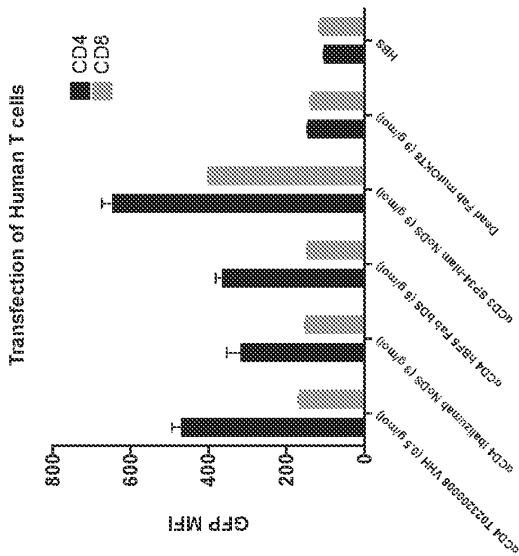


FIG. 72A

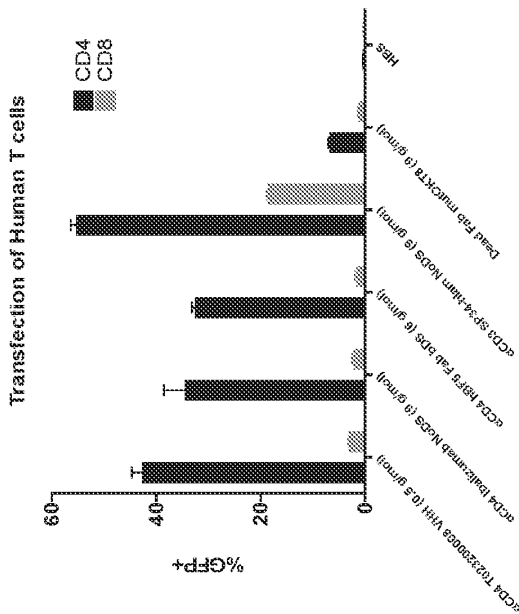


FIG. 72C

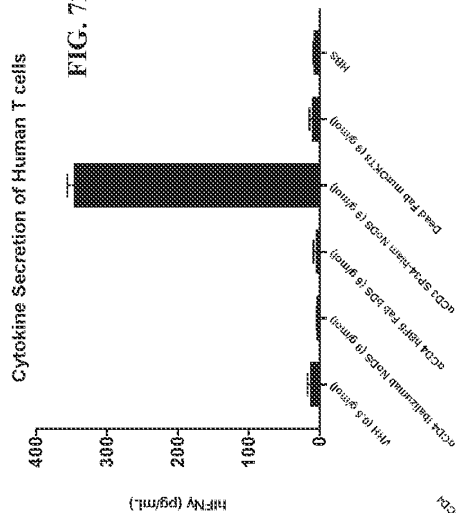


FIG. 73A

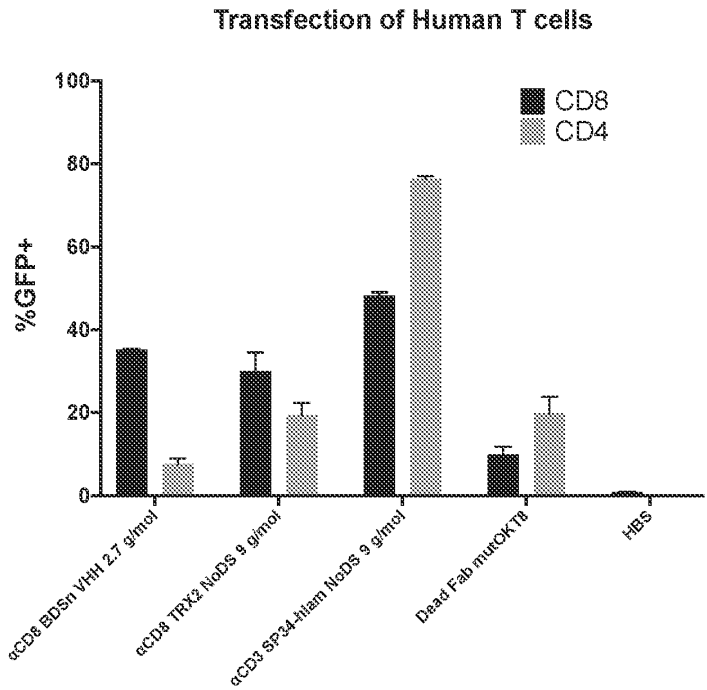


FIG. 73B

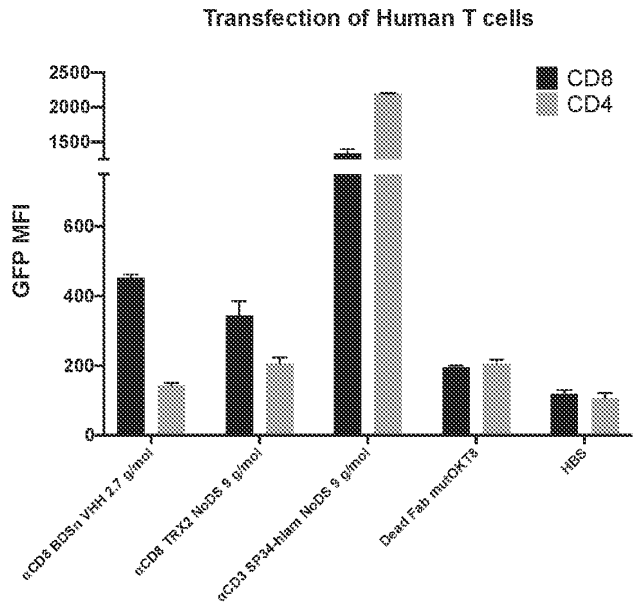


FIG. 73C

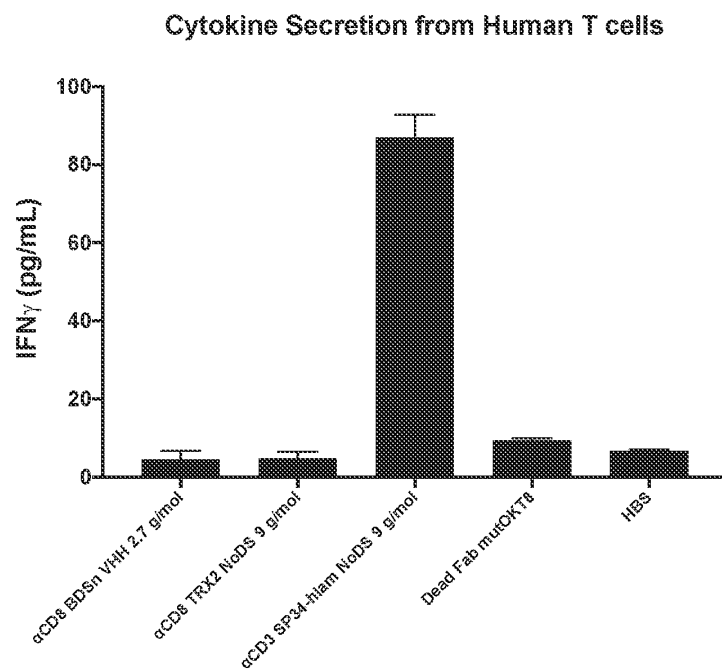


FIG. 74A

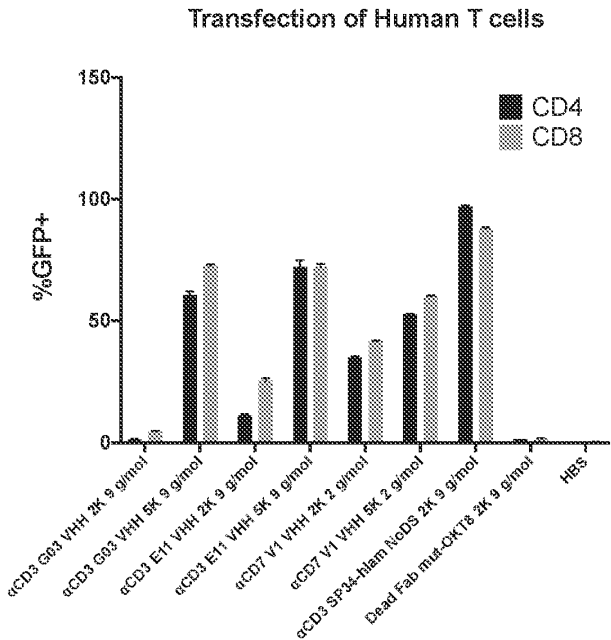
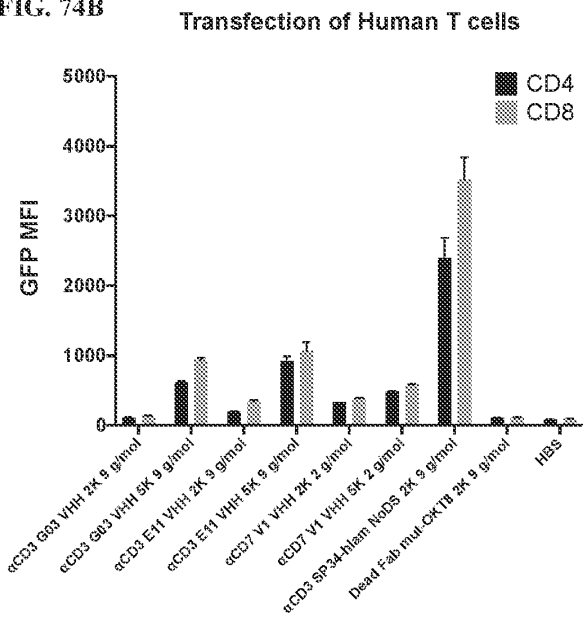


FIG. 74B



FIGS. 75A

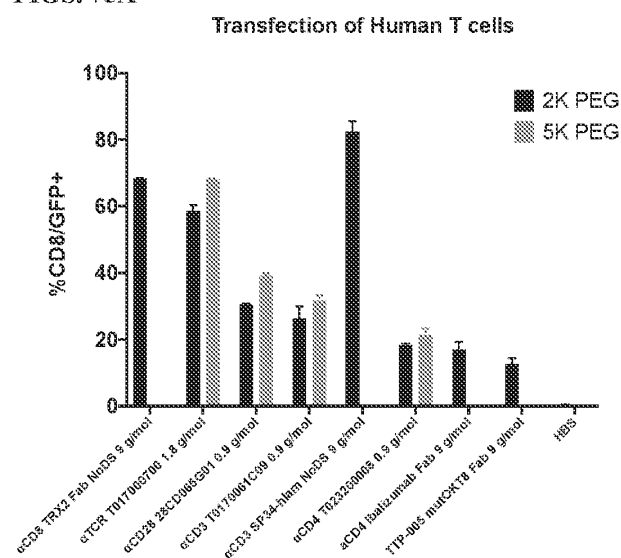


FIG. 75B

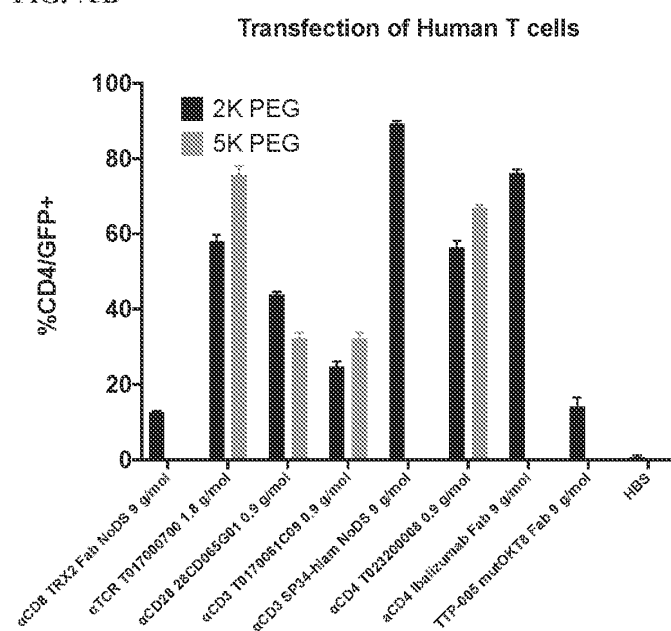


FIG. 75C

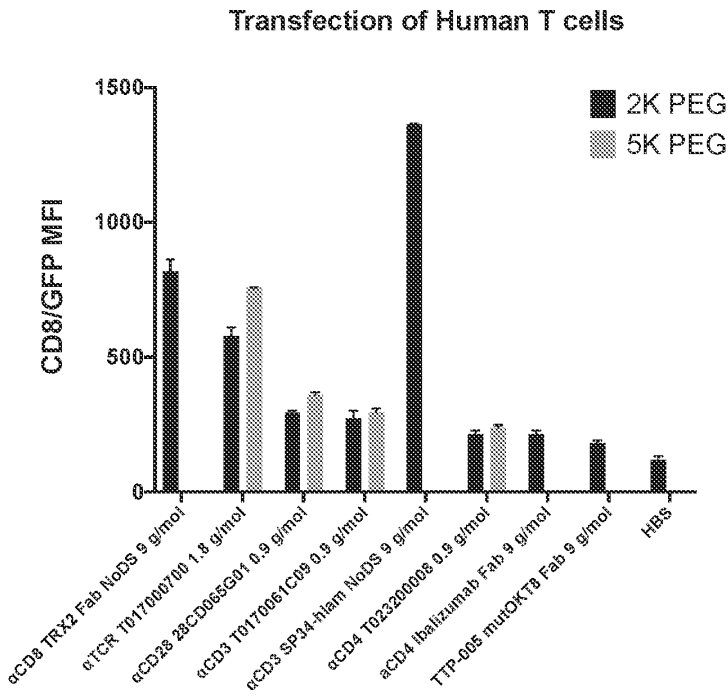


FIG. 75D

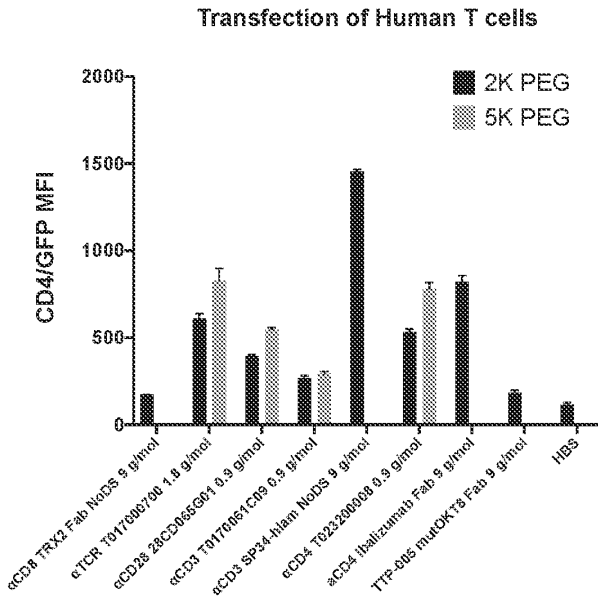


FIG. 76A

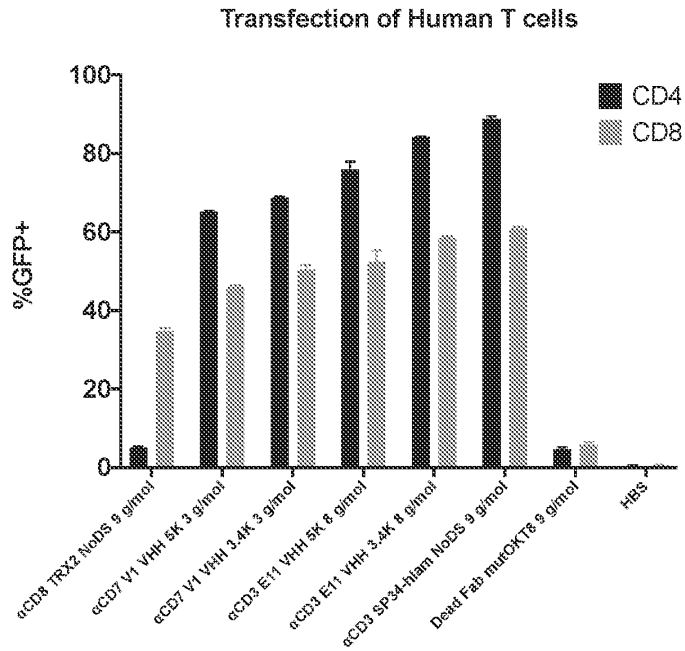


FIG. 76B

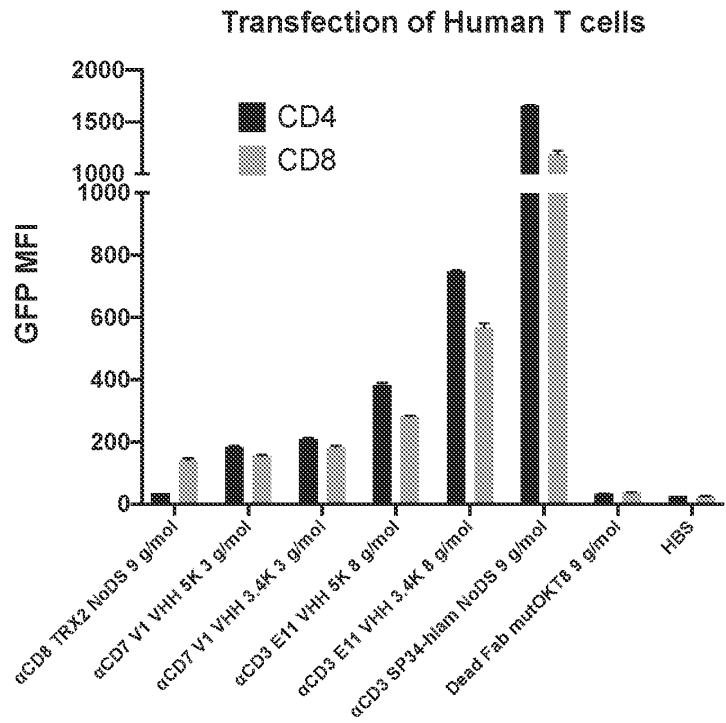


FIG. 77B

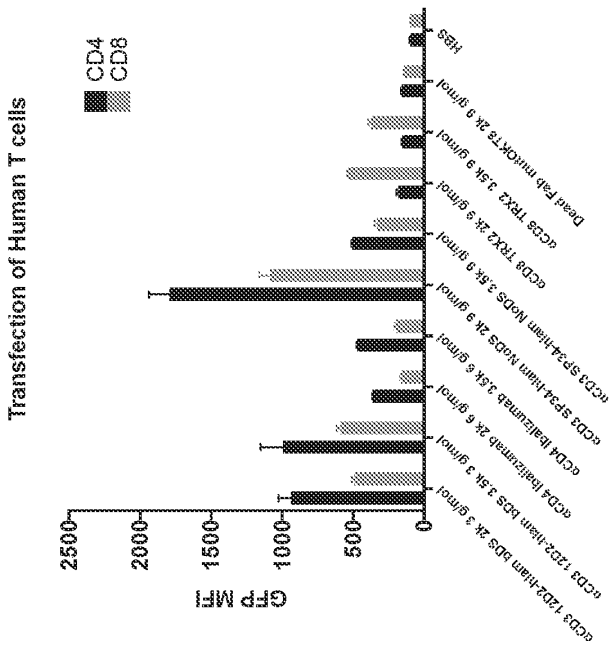


FIG. 77A

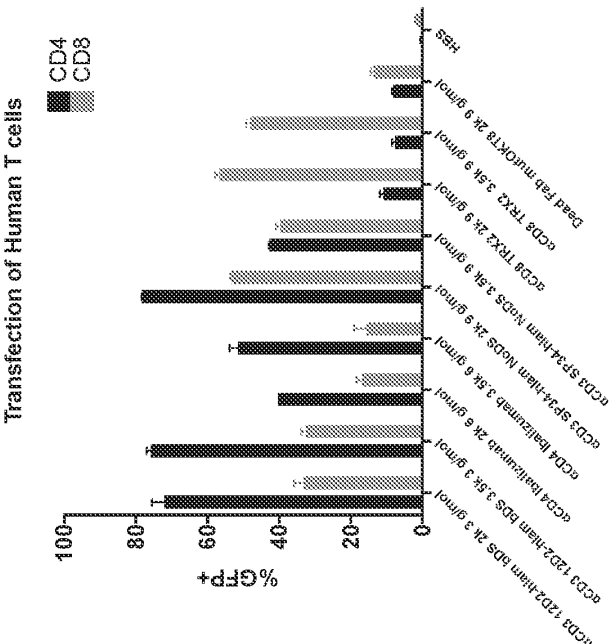


FIG. 78A

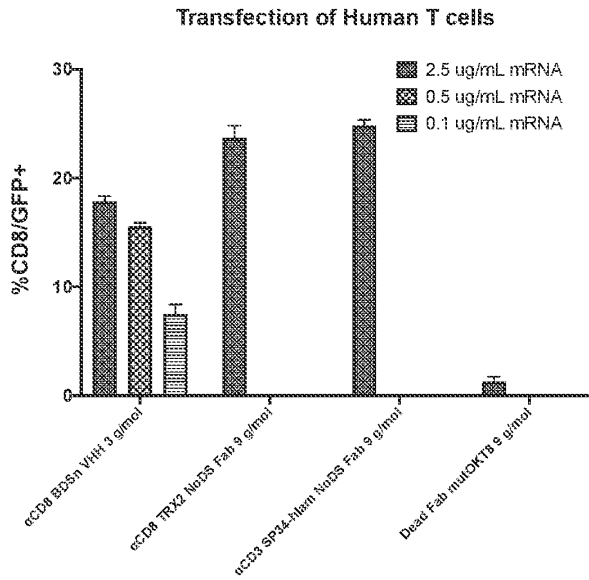


FIG. 78B

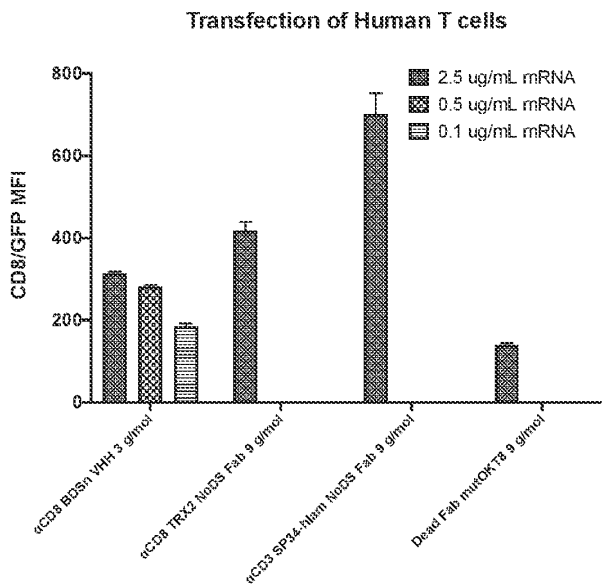


FIG. 79A

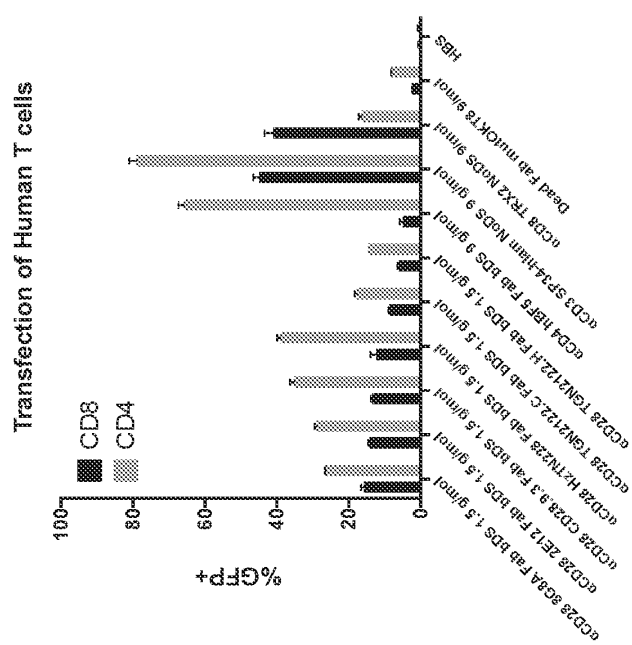


FIG. 79B

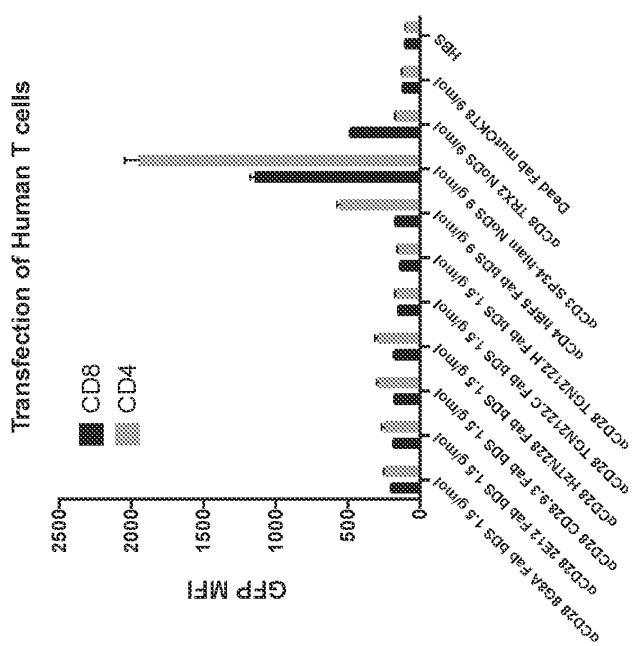


FIG. 79C

Cytokine release from human T cells

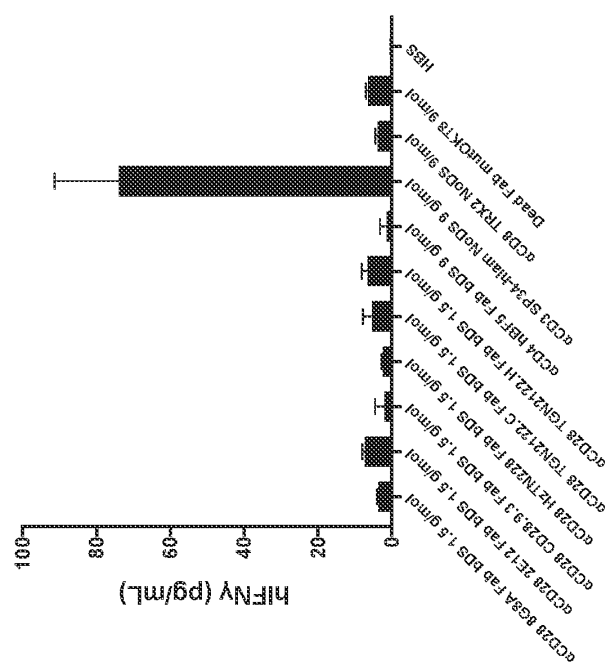
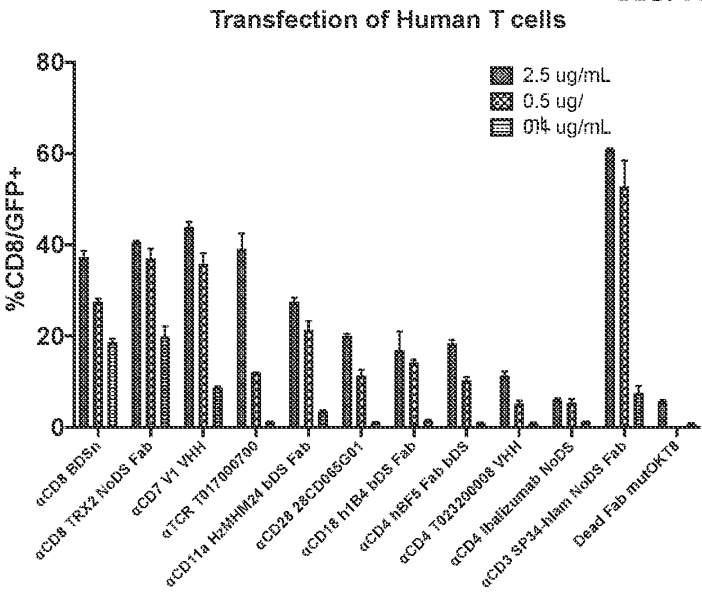


FIG. 80A



FIGS. 80B

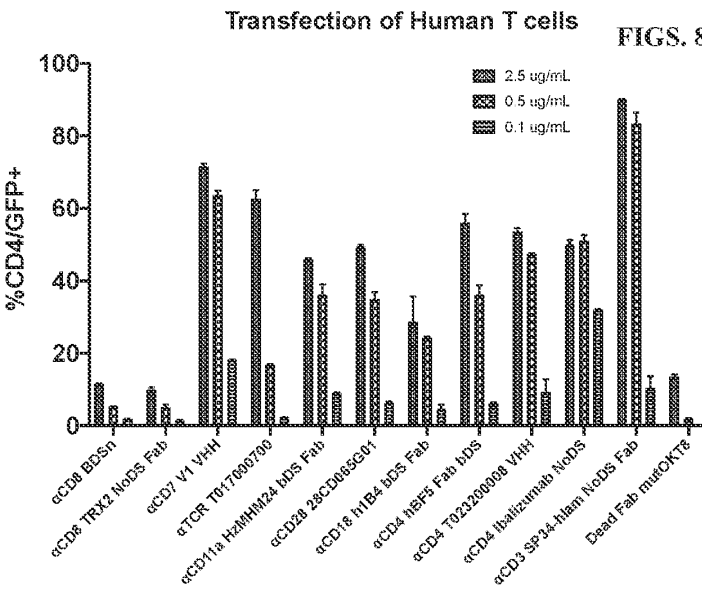


FIG. 80C

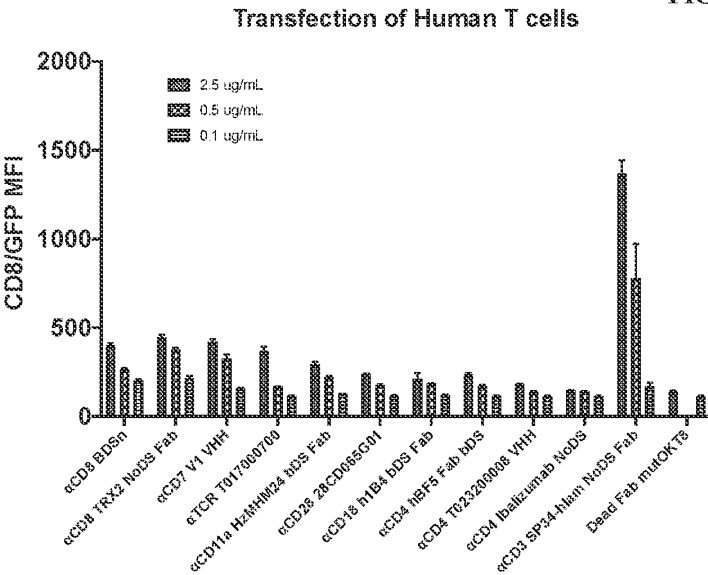


FIG. 80D

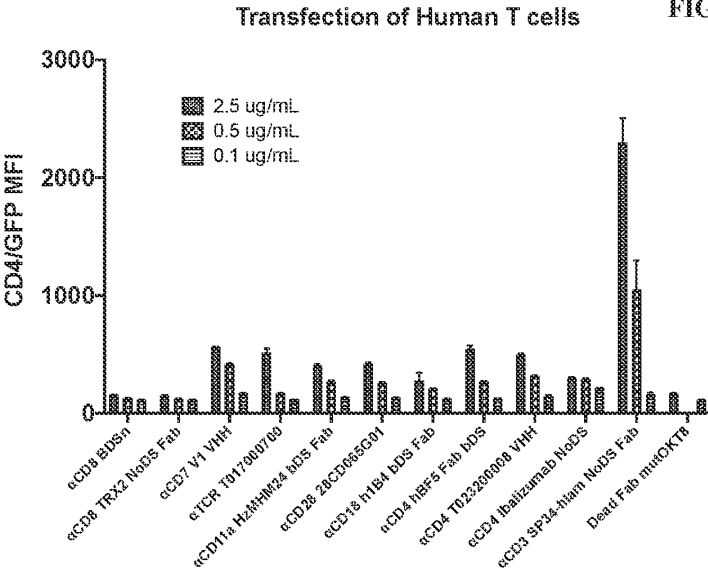


FIG. 80E

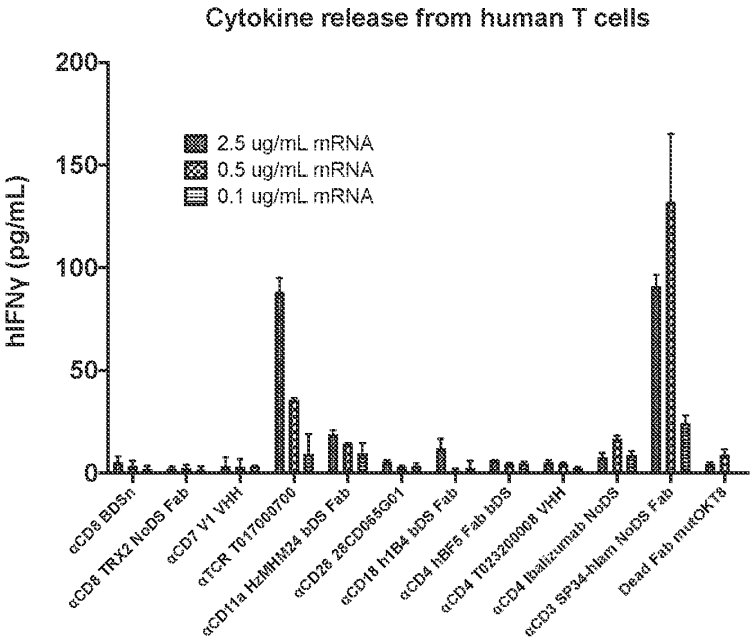


FIG. 81B

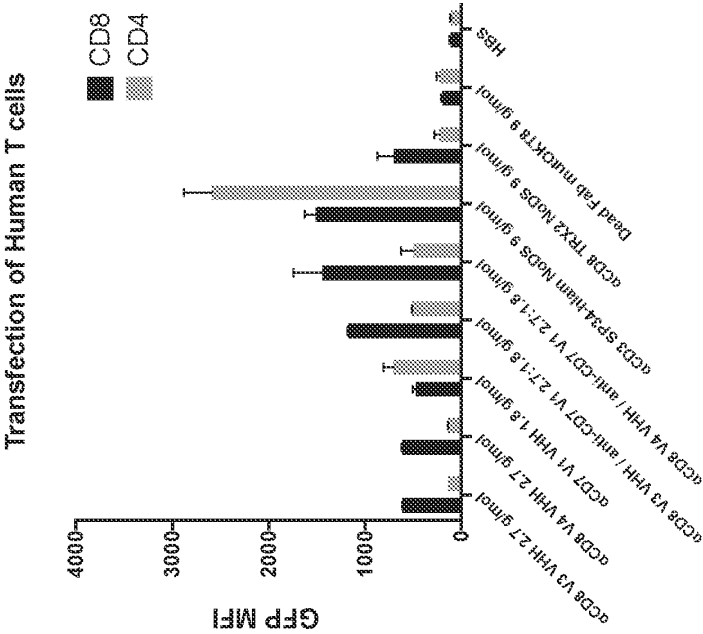


FIG. 81A

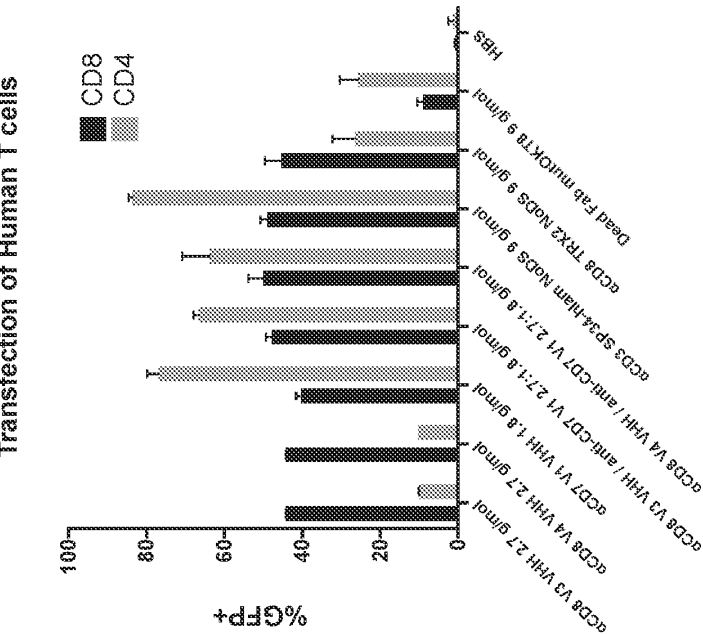


FIG. 81C

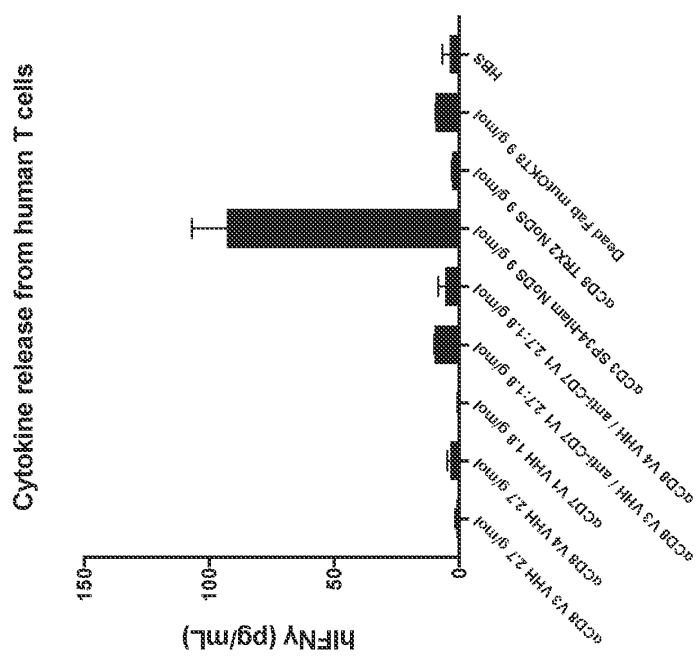


FIG. 82B

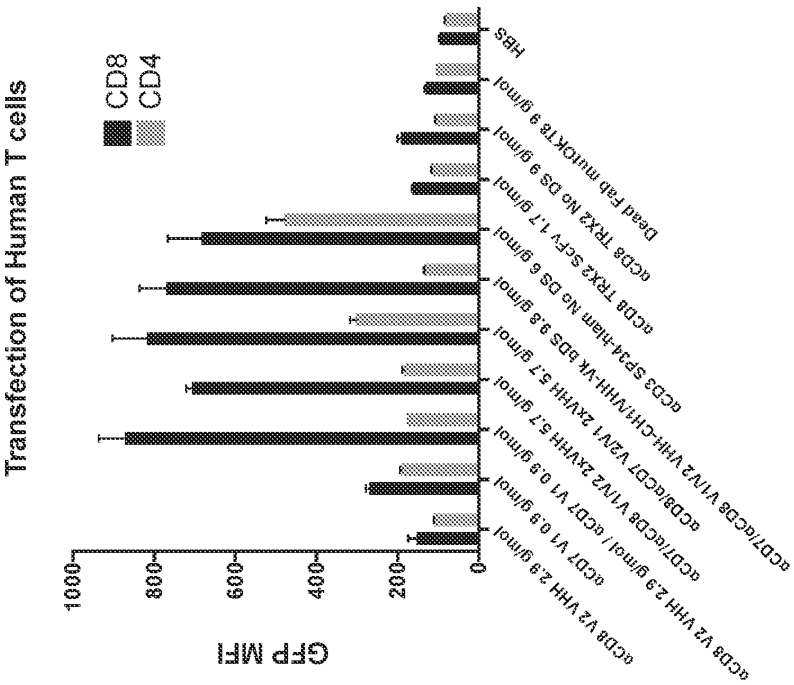
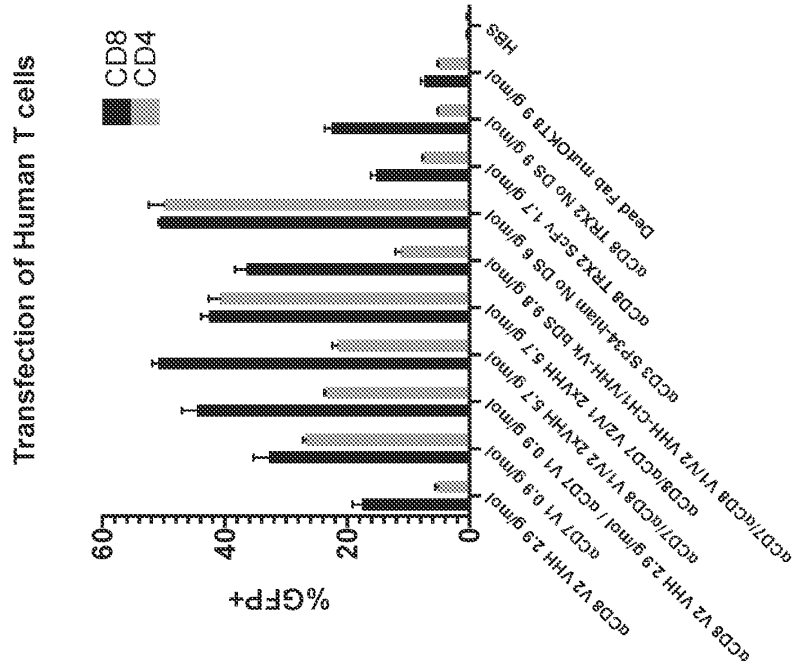


FIG. 82A



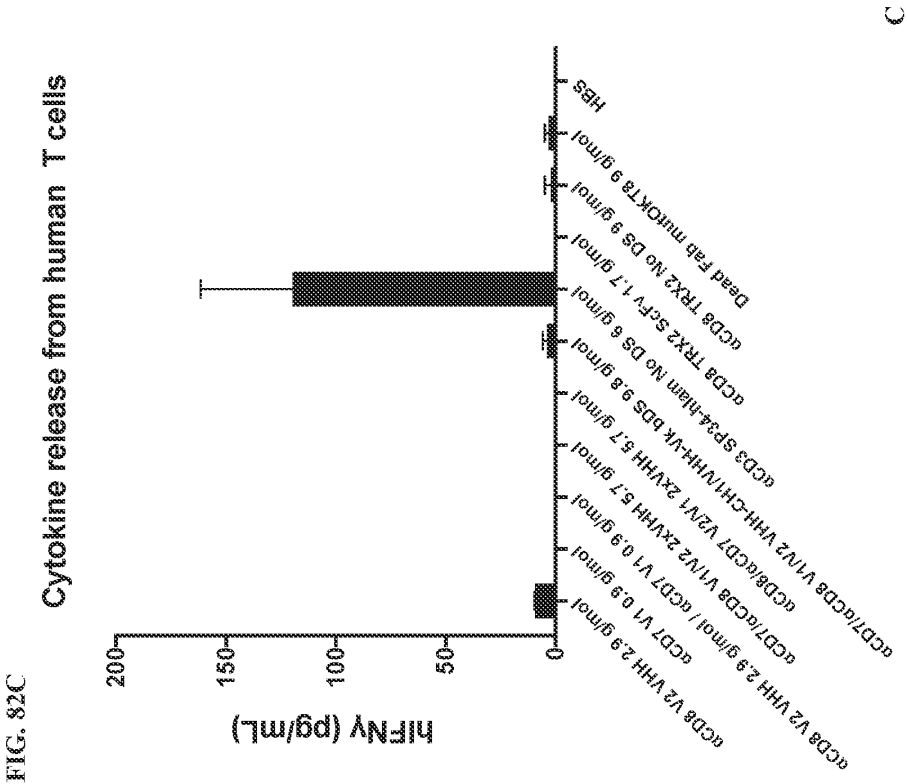


FIG. 83A

Parent LNP and Antibody Inserted LNP Size
EXP21003810

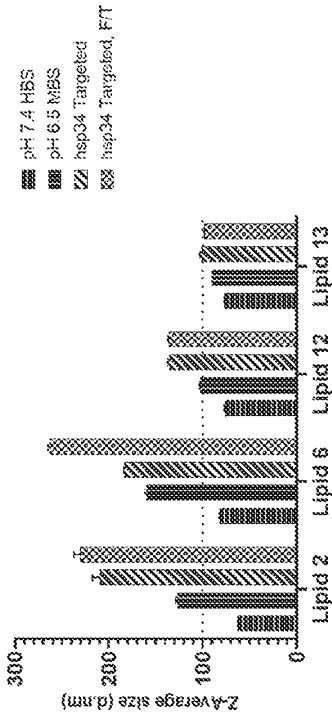


FIG. 83B

Parent LNP and Antibody Inserted LNP PDI
EXP21003810

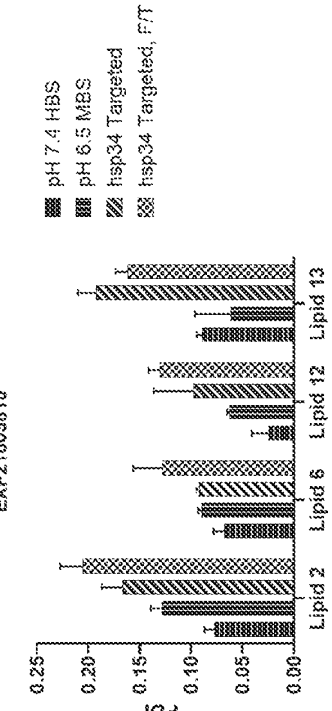


FIG. 83C

Parent LNPs in pH 7.4 HEPES and pH 5.5 MES (5 mM)
EXP21003810

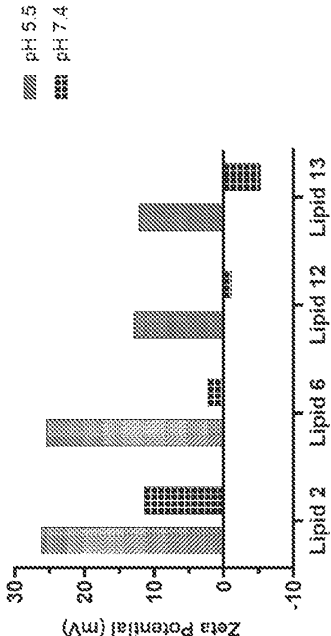


FIG. 83D

Total mRNA (ug/mL) and % dye accessible mRNA
EXP21003810

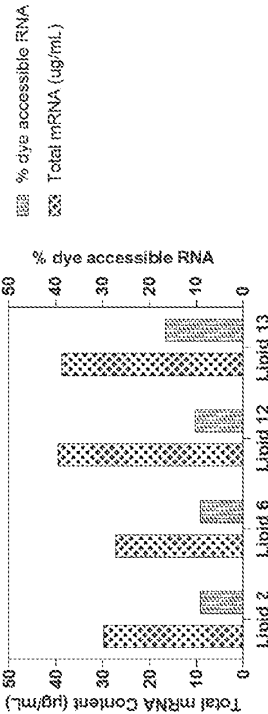


FIG. 84A

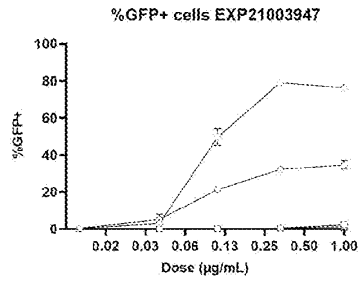


FIG. 84B

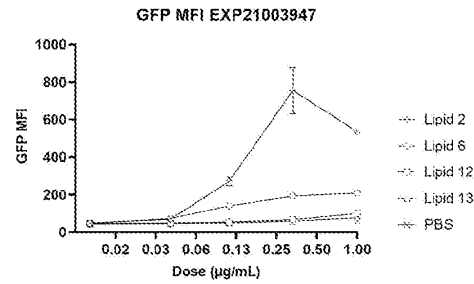


FIG. 84C

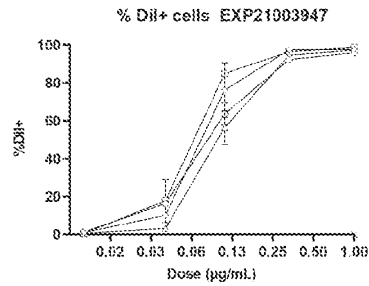


FIG. 84D

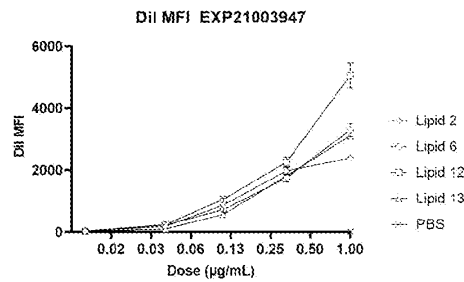


FIG. 84E

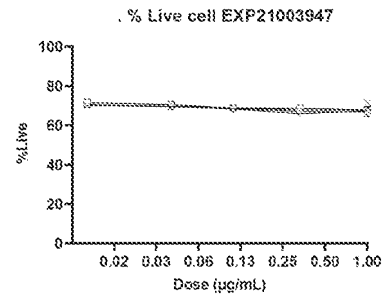


FIG. 85A

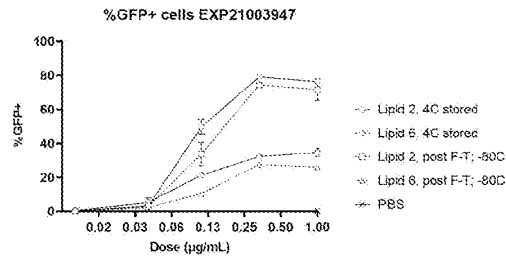


FIG. 85B

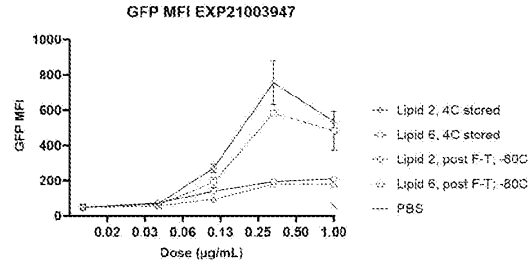


FIG. 85C

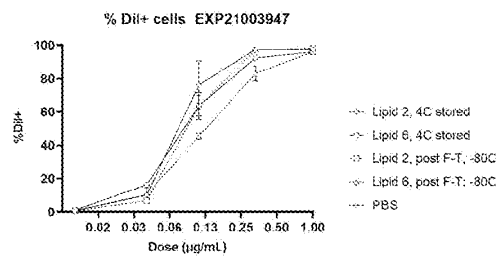


FIG. 85D

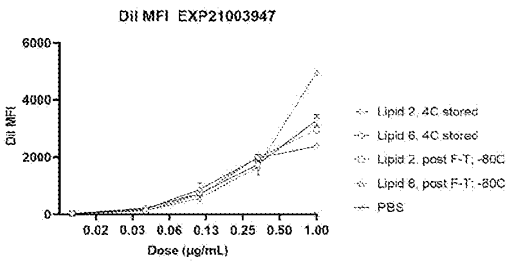


FIG. 85E

