

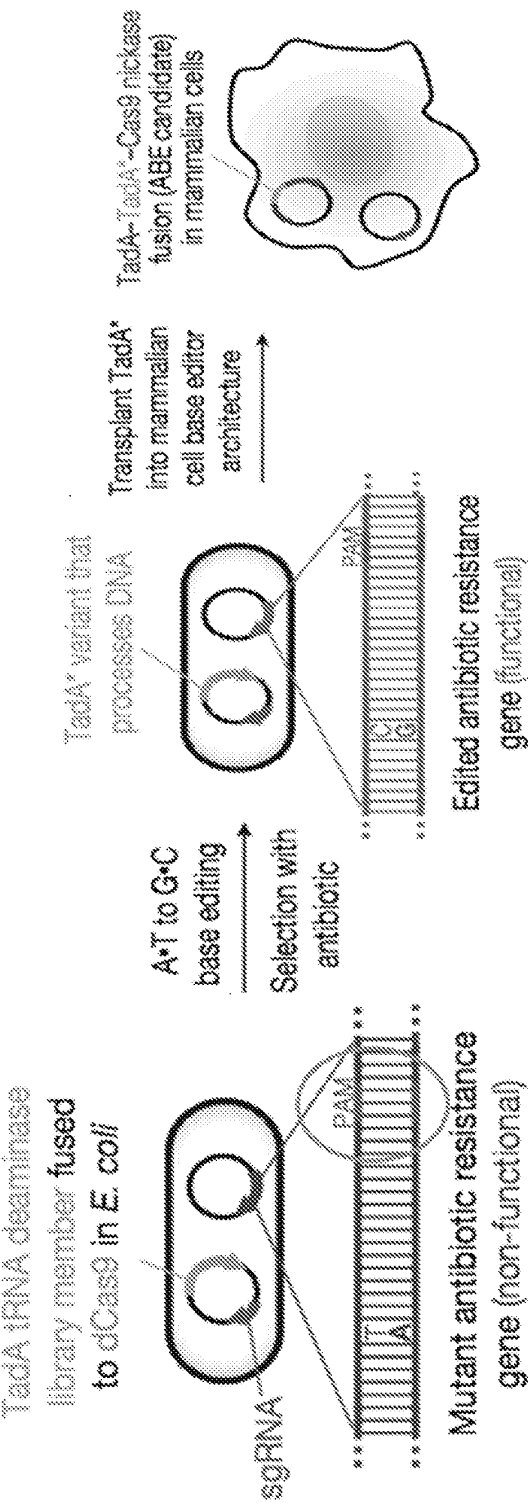


FIG. 1

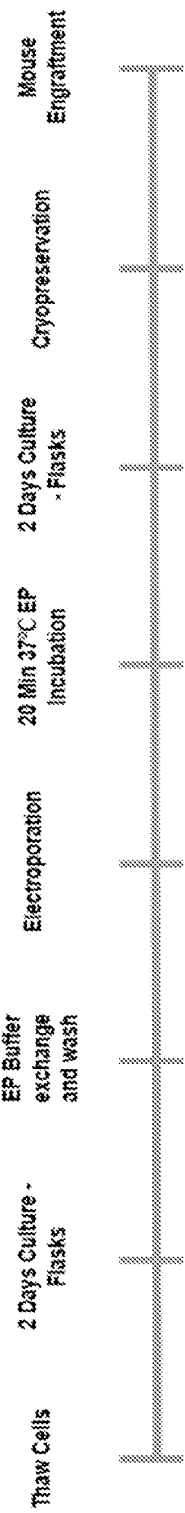


FIG. 2

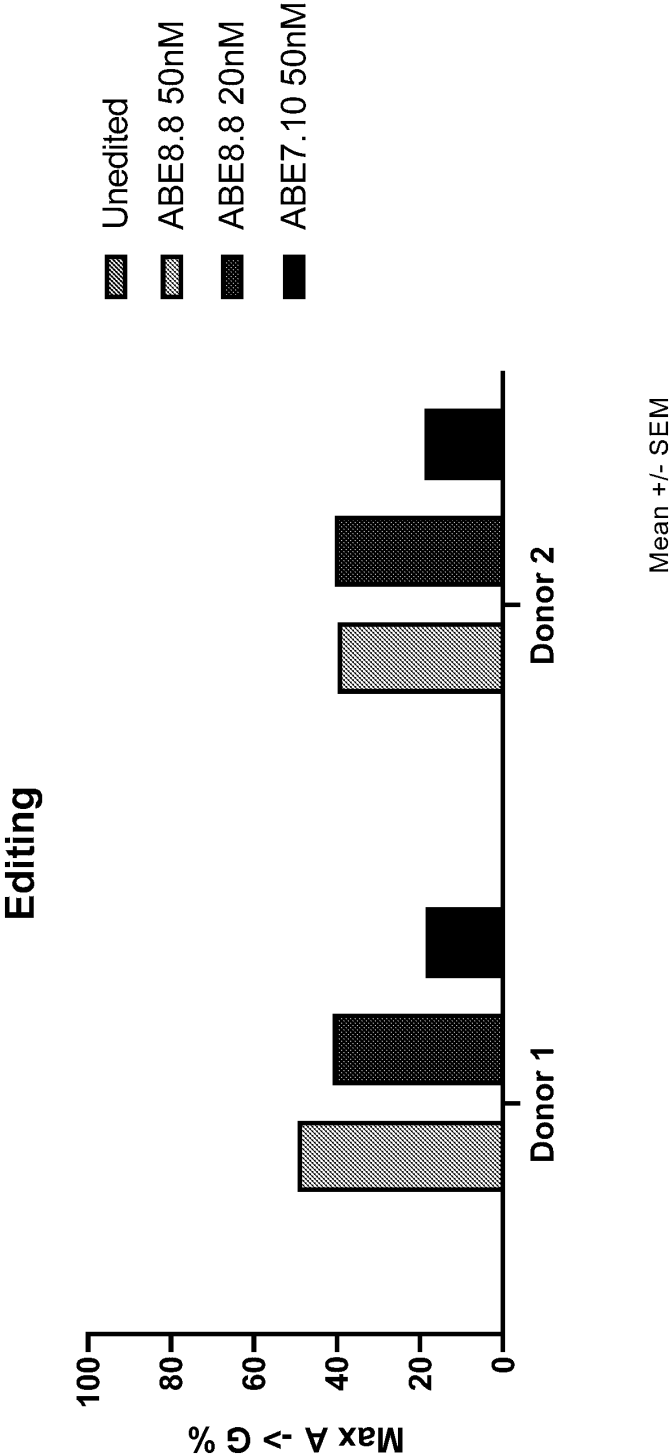


FIG. 3A

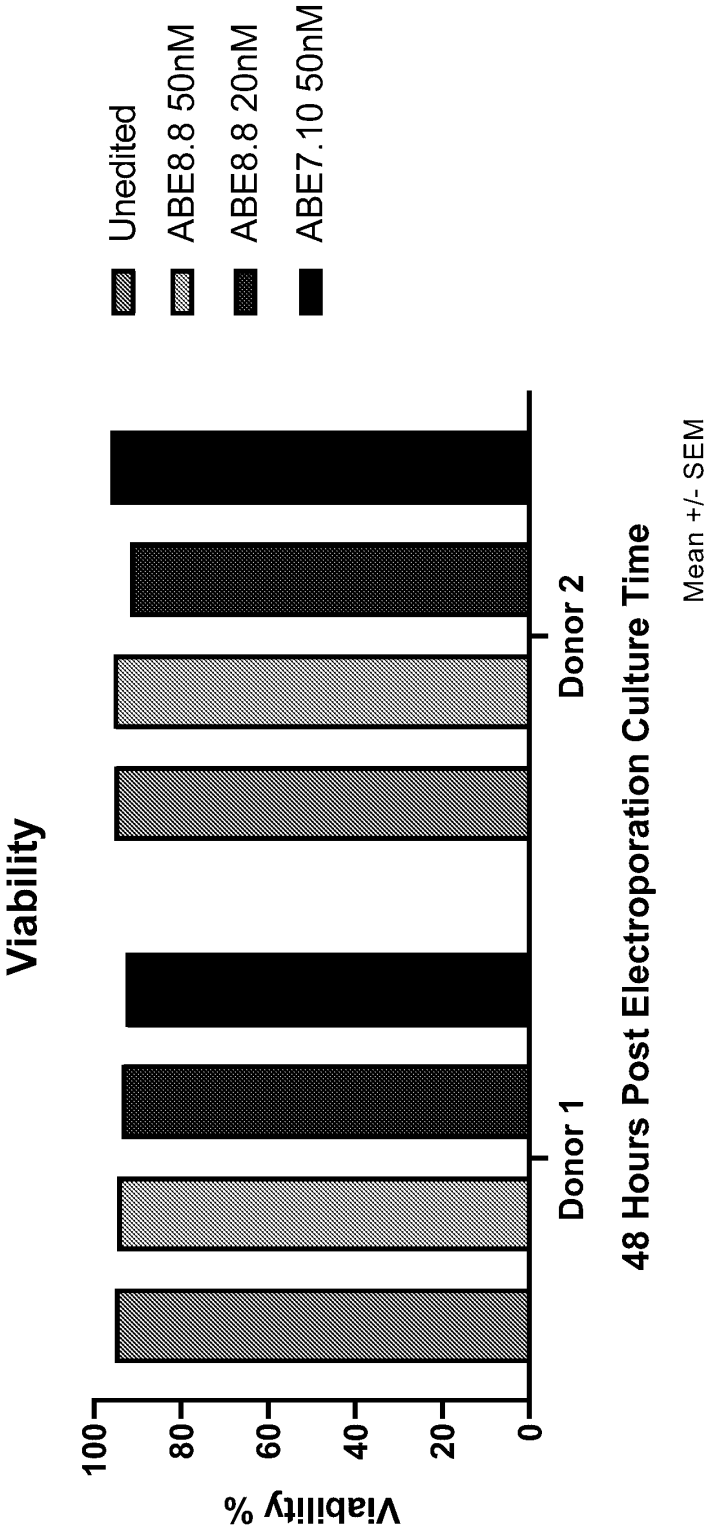


FIG. 3B

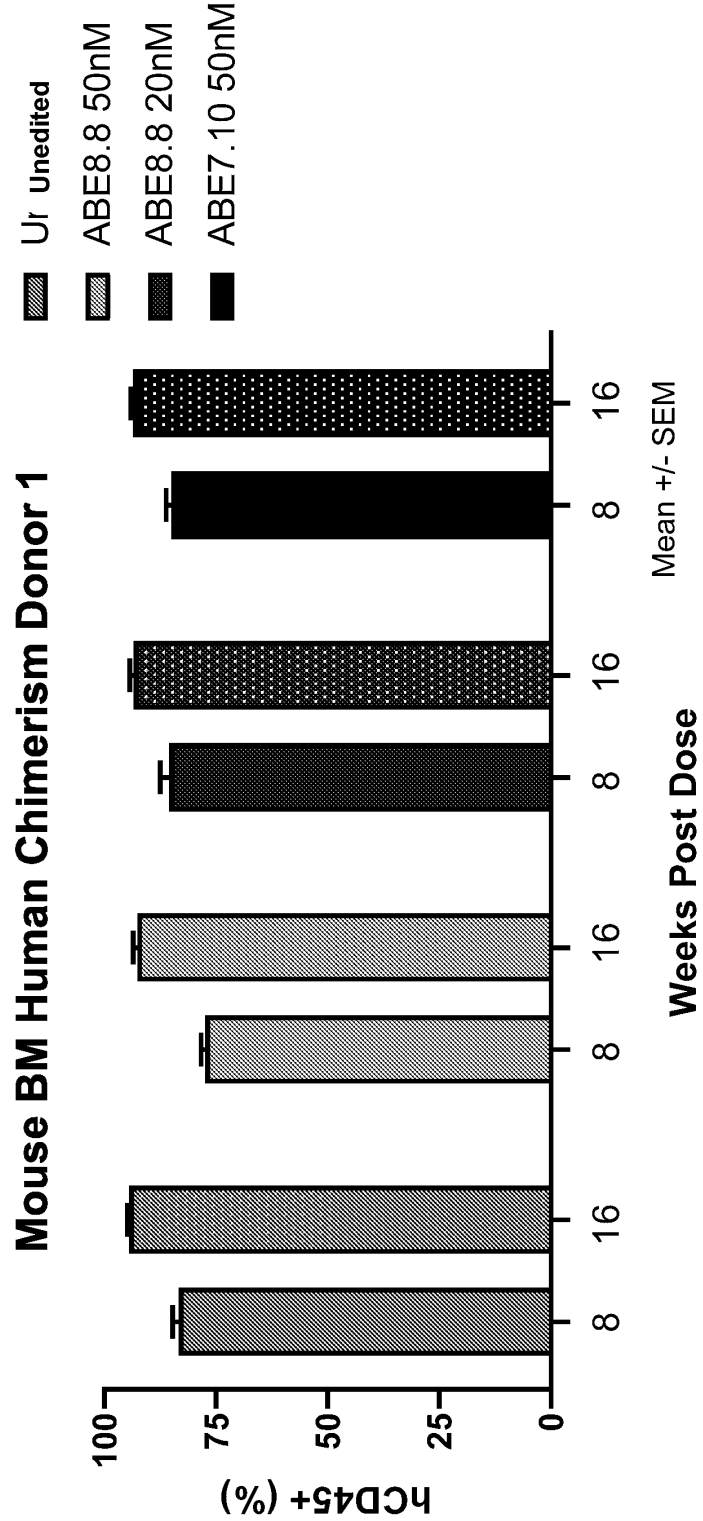


FIG. 4A

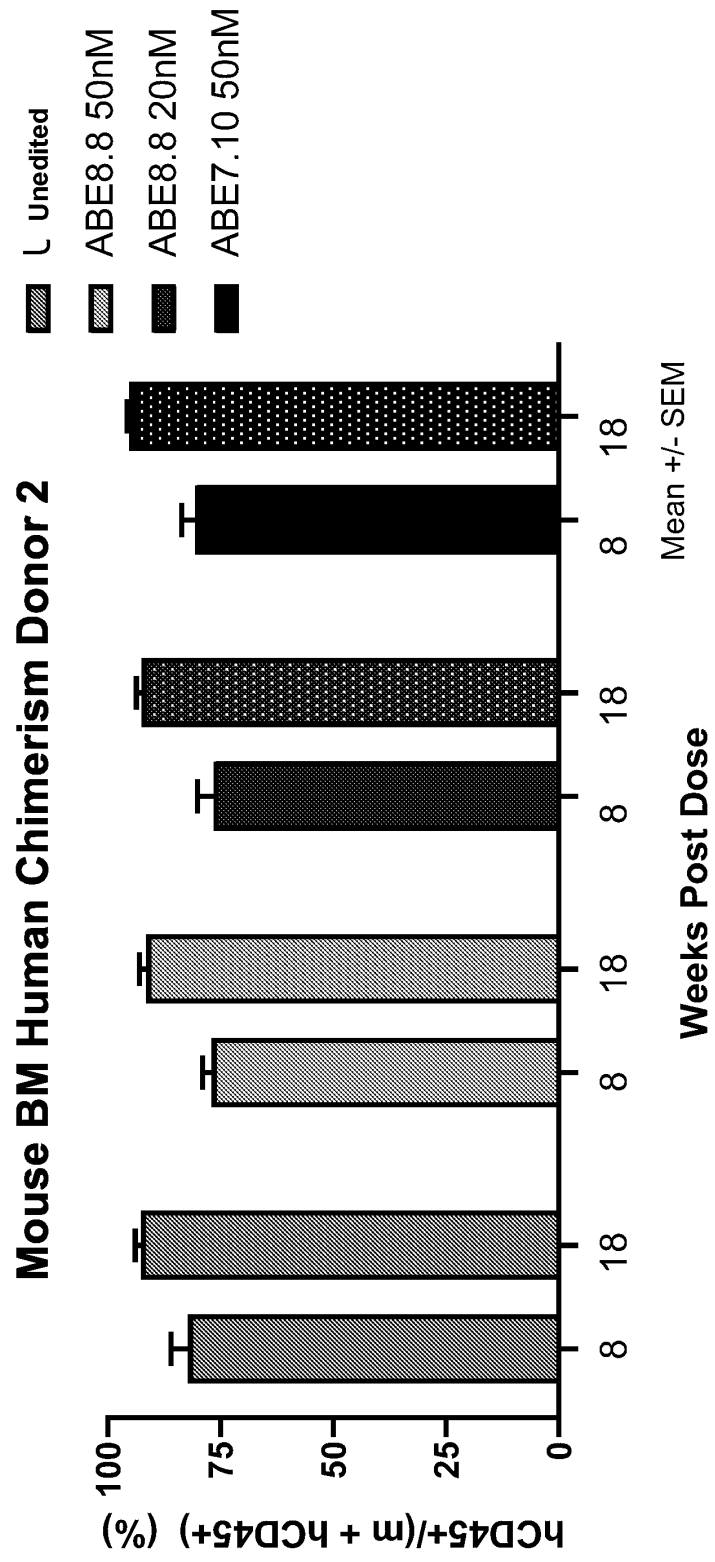


FIG. 4B

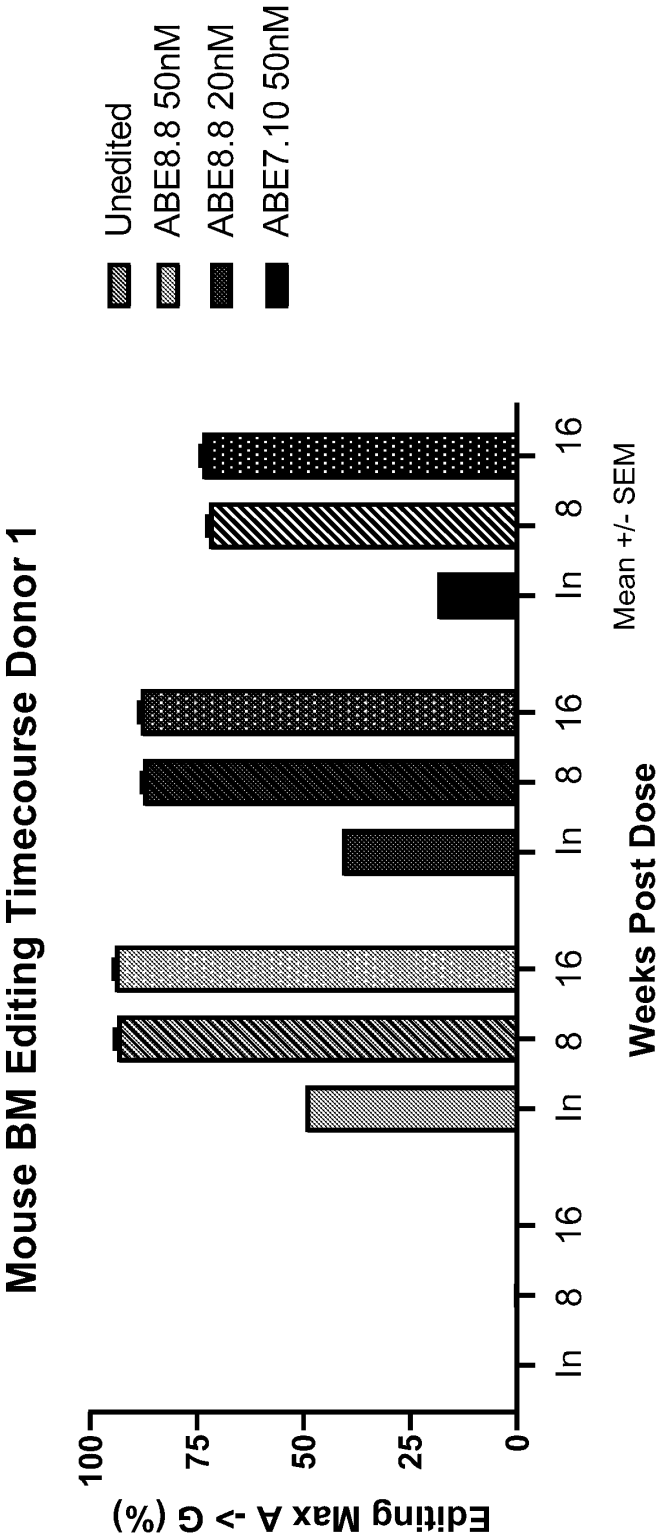


FIG. 5Ai

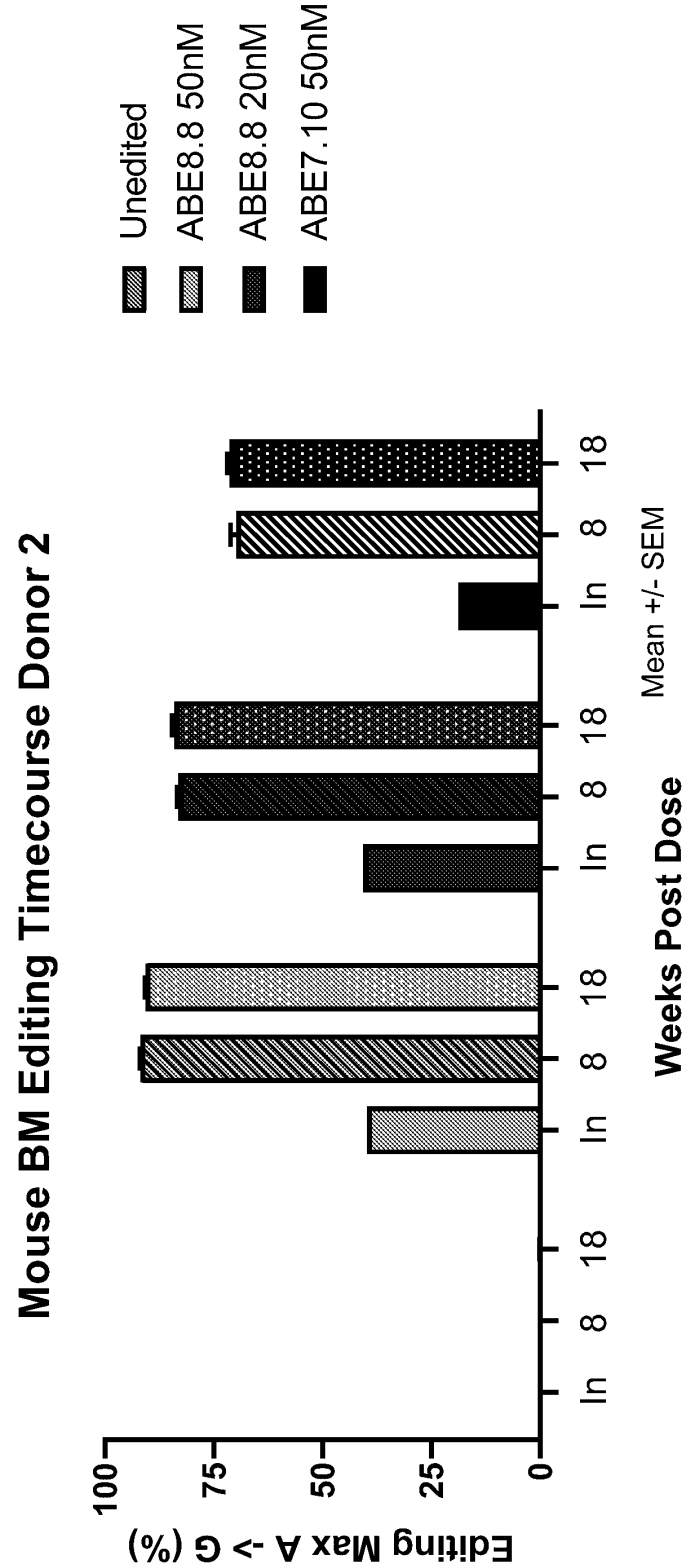


FIG. 5Aii

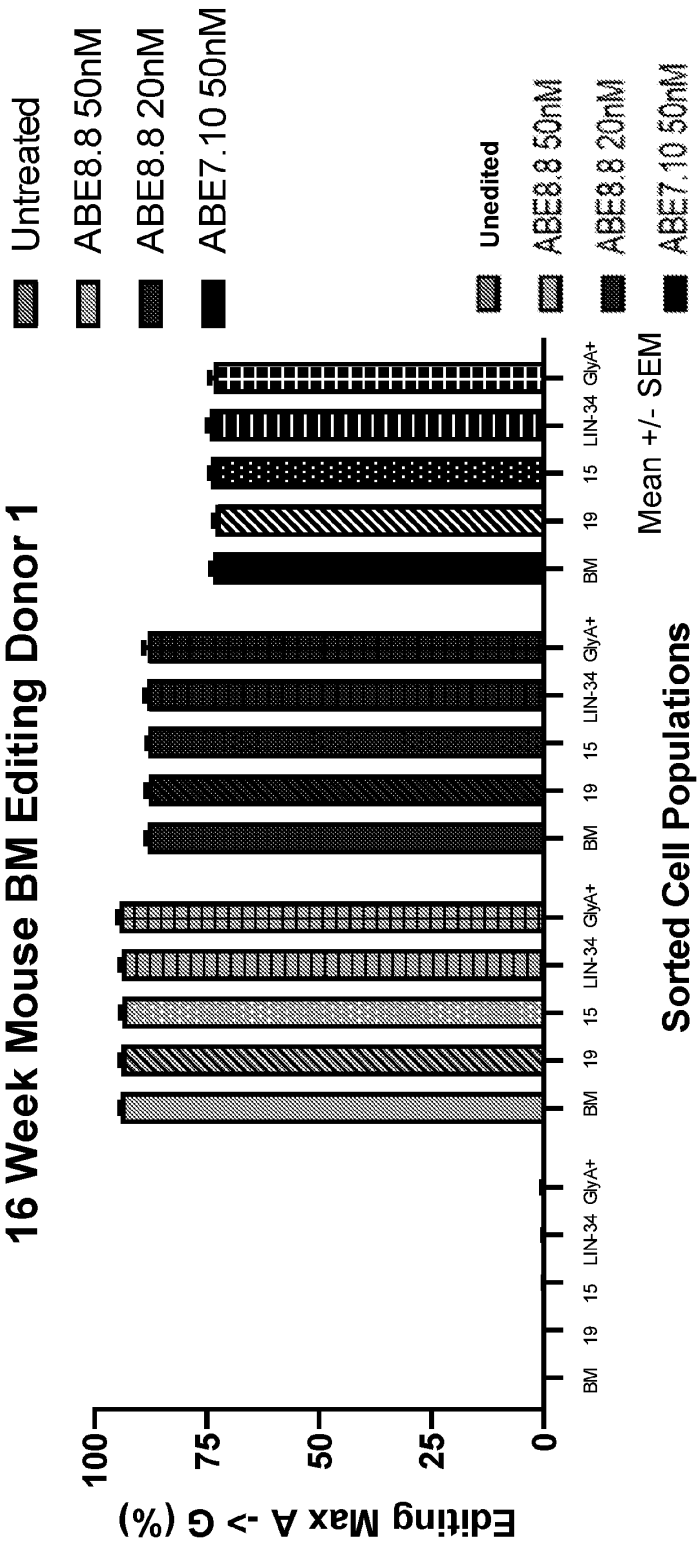


FIG. 5B

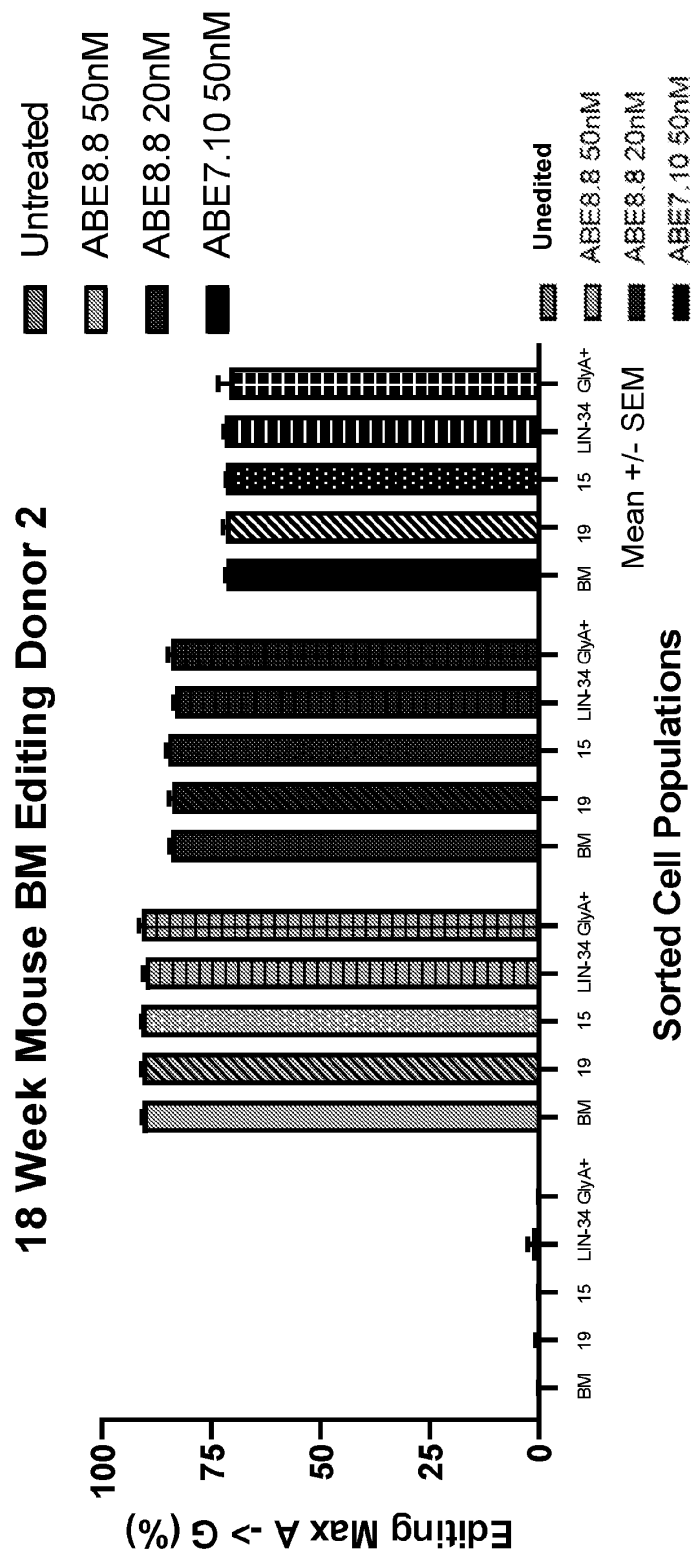


FIG. 5C

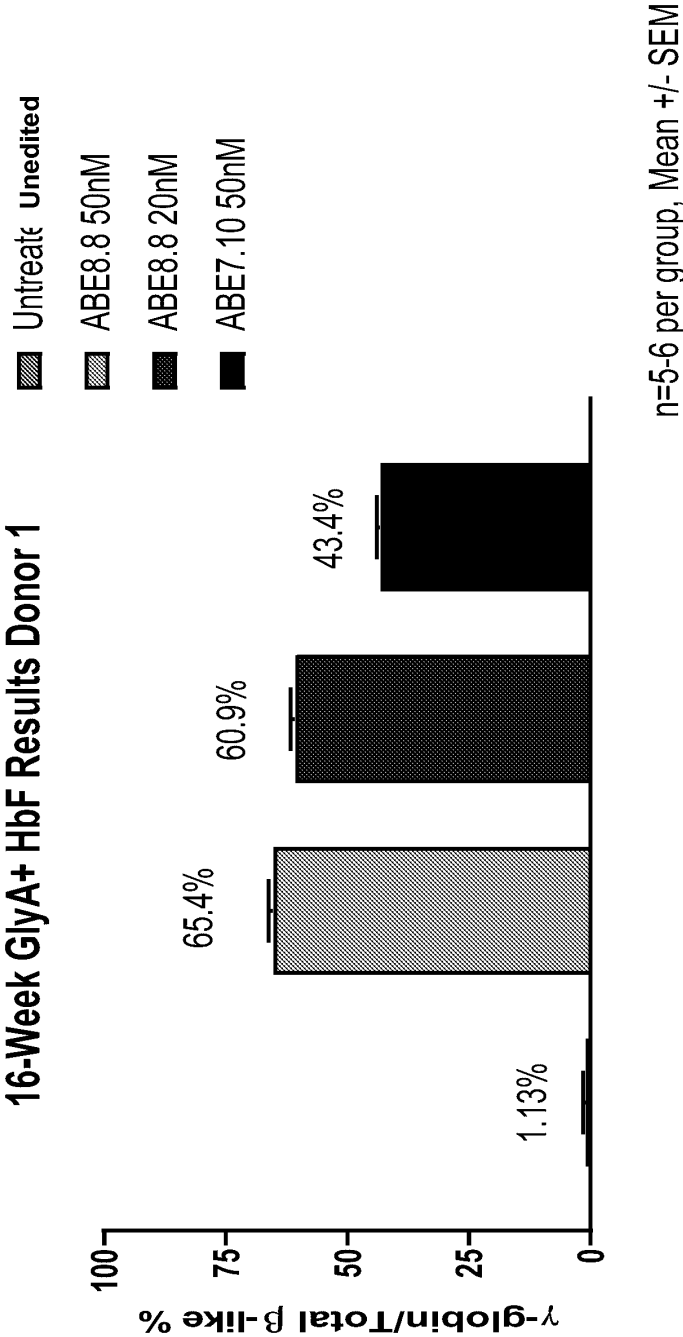


FIG. 5D

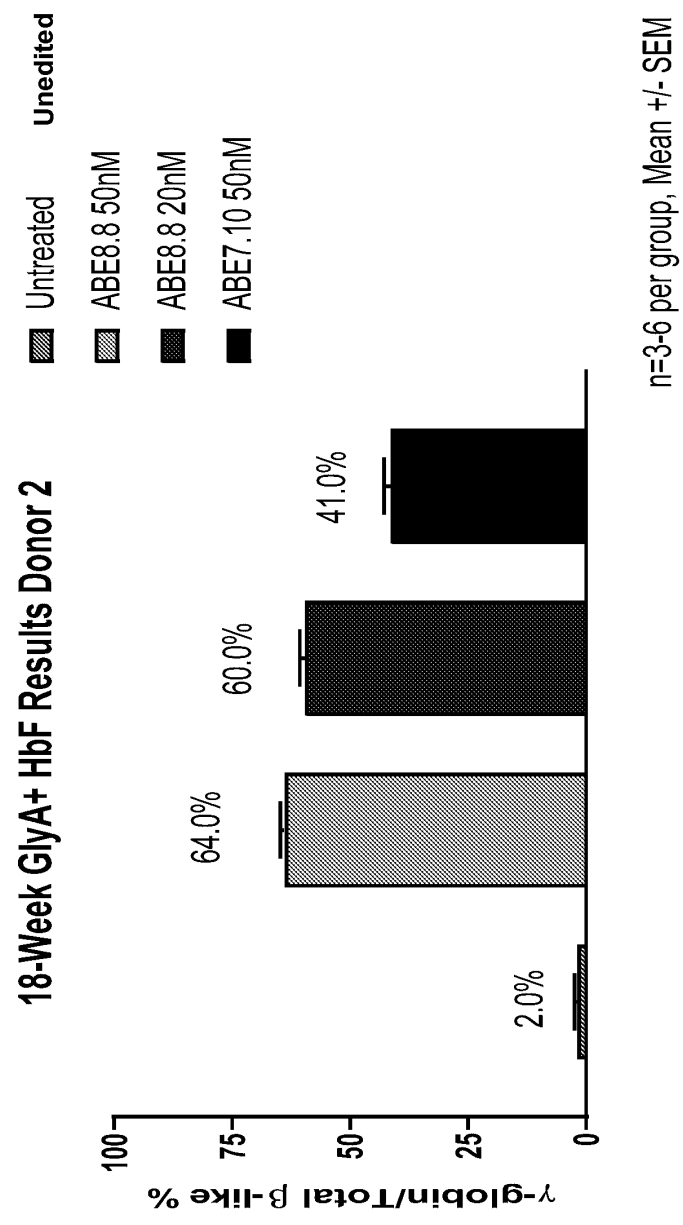
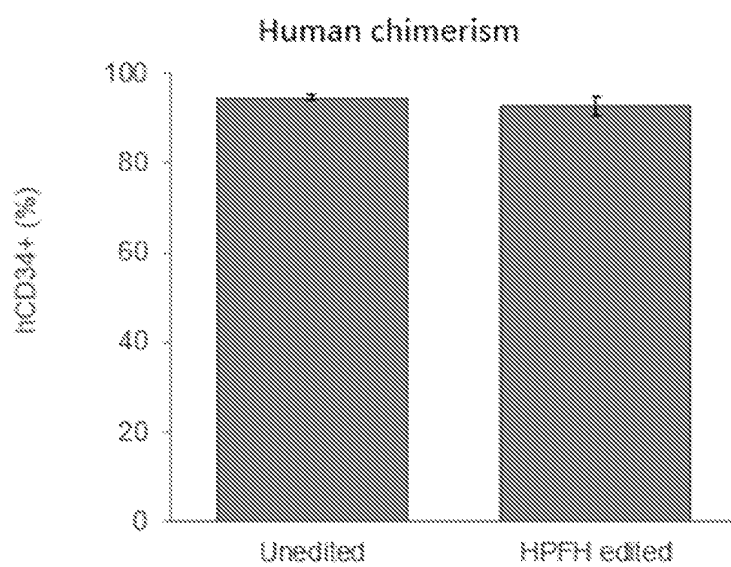
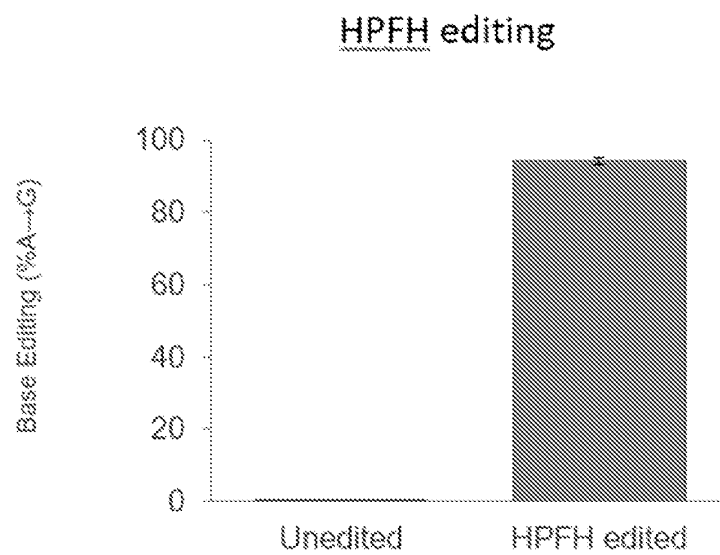
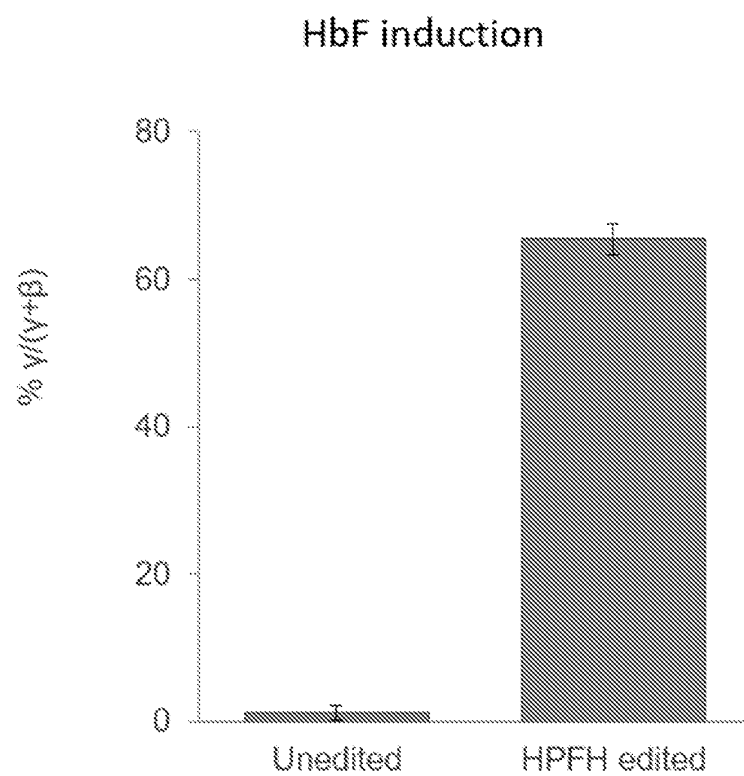


FIG. 5E

**FIG. 6A****FIG. 6B**

**FIG. 6C**

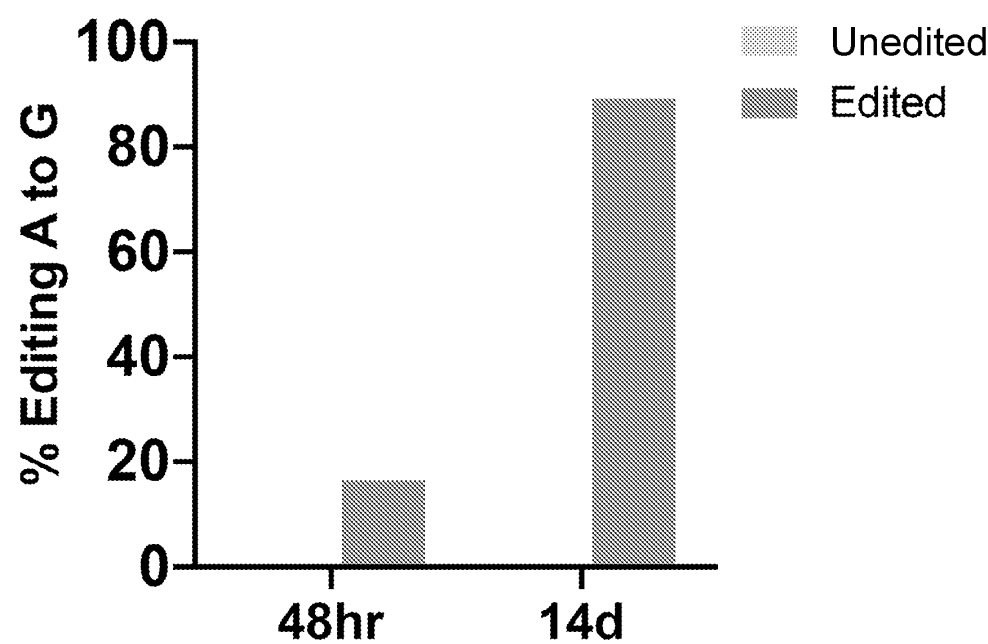


FIG. 7A

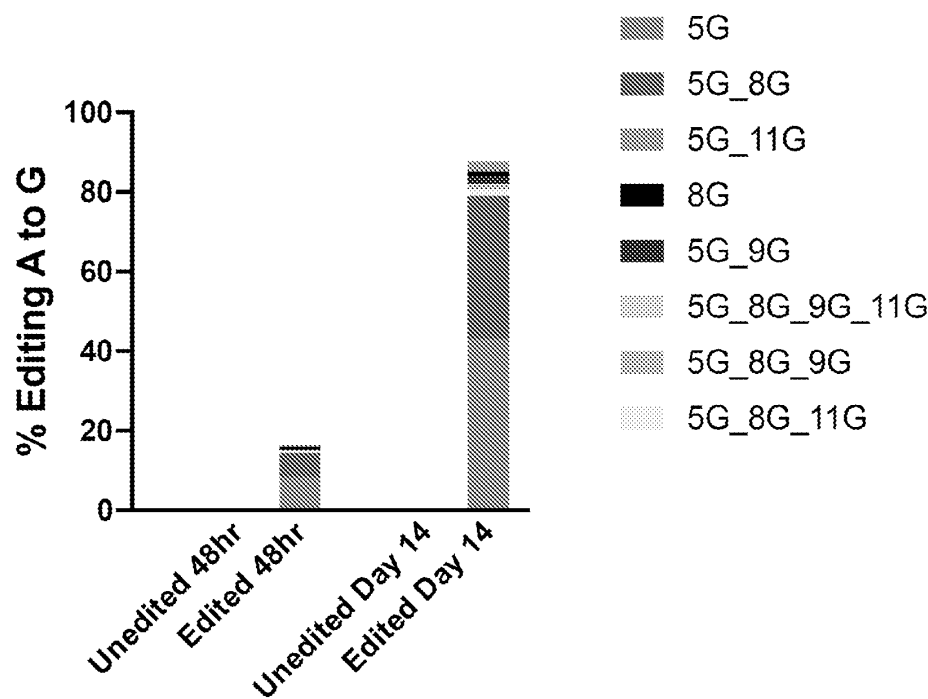


FIG. 7B

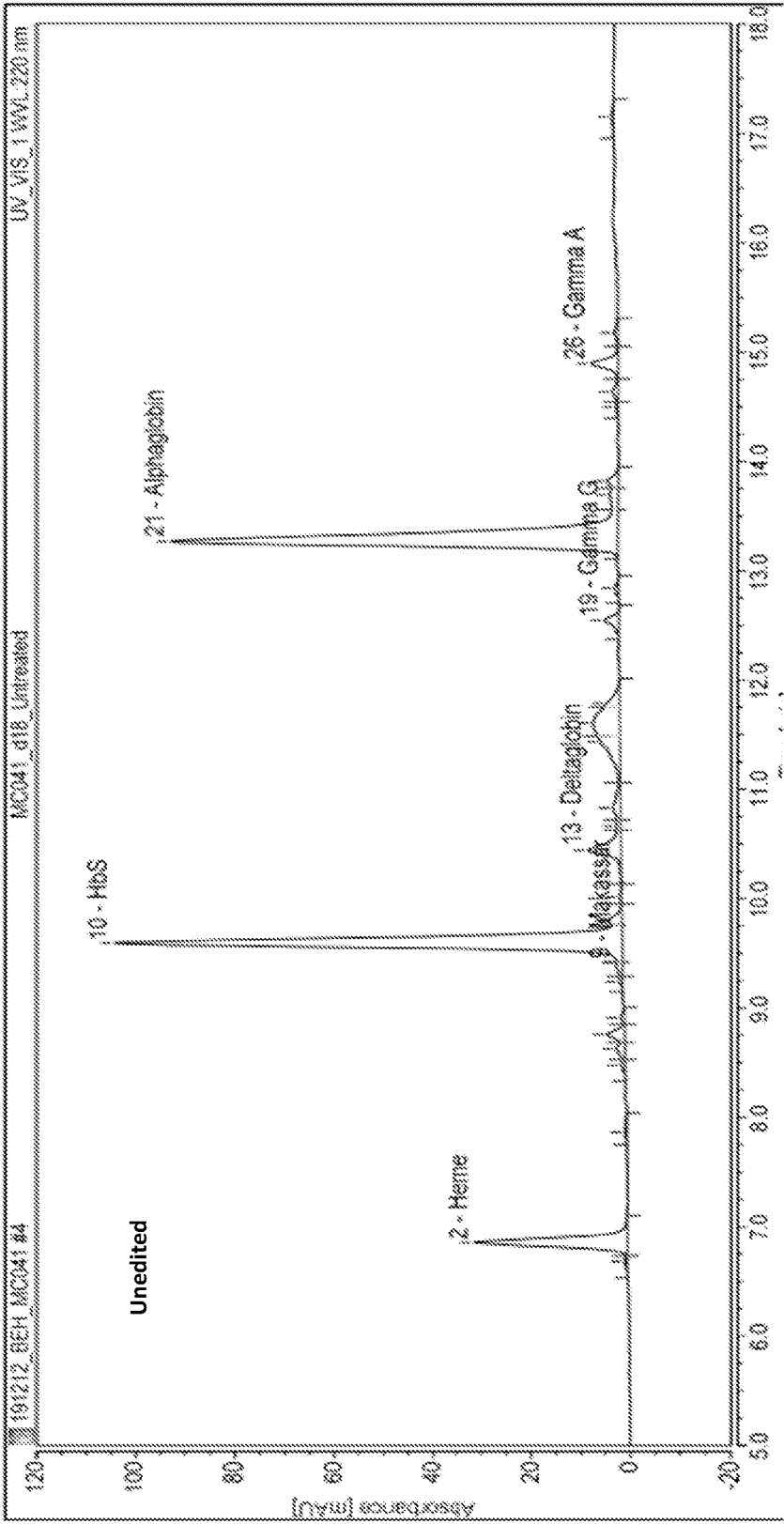


FIG. 8A

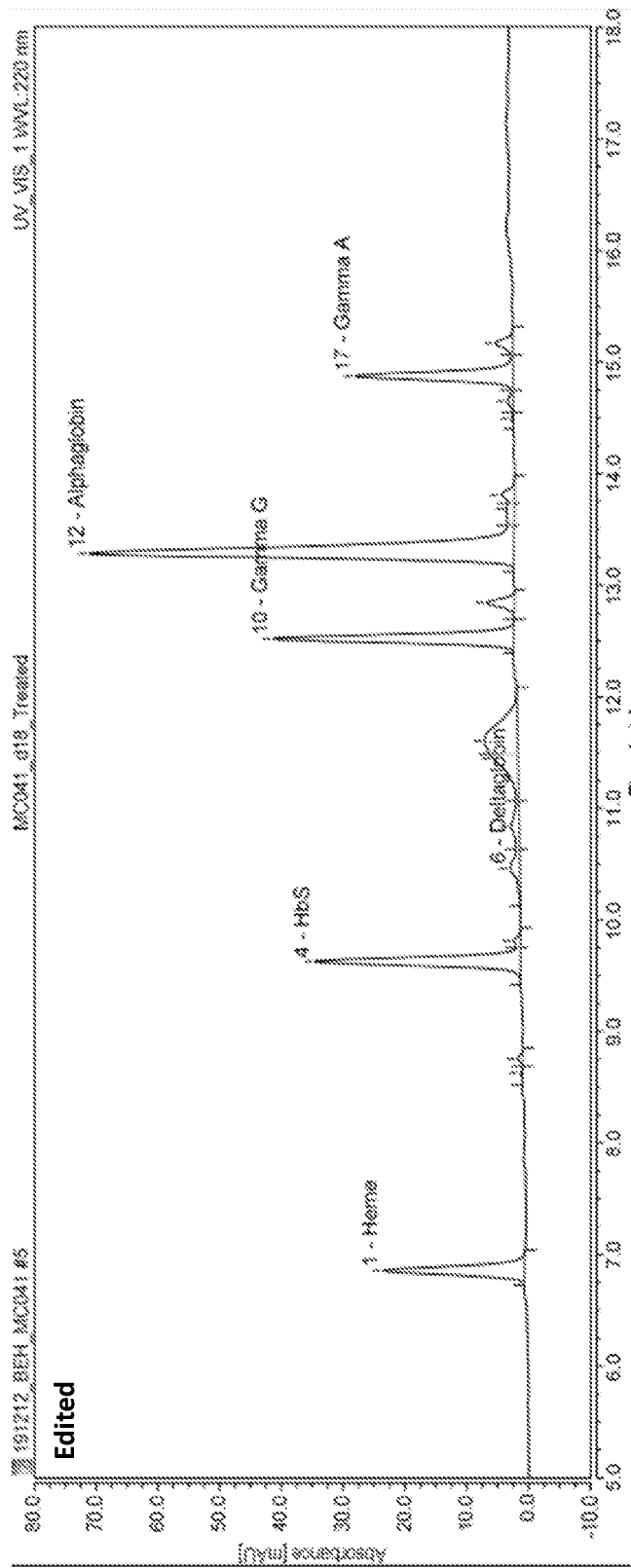


FIG. 8B

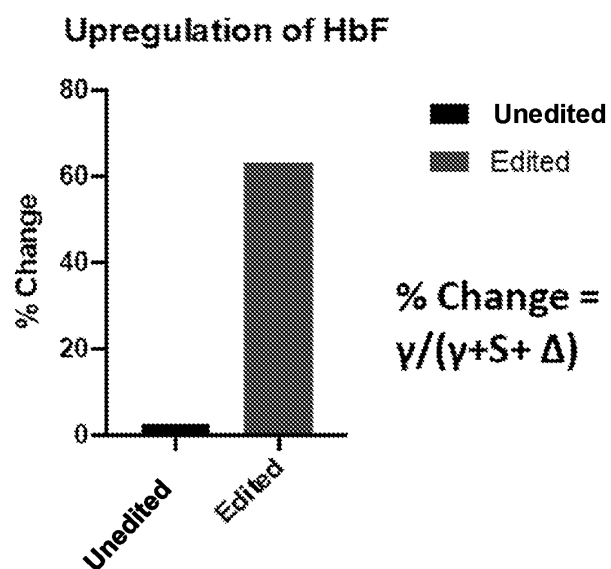


FIG. 8C

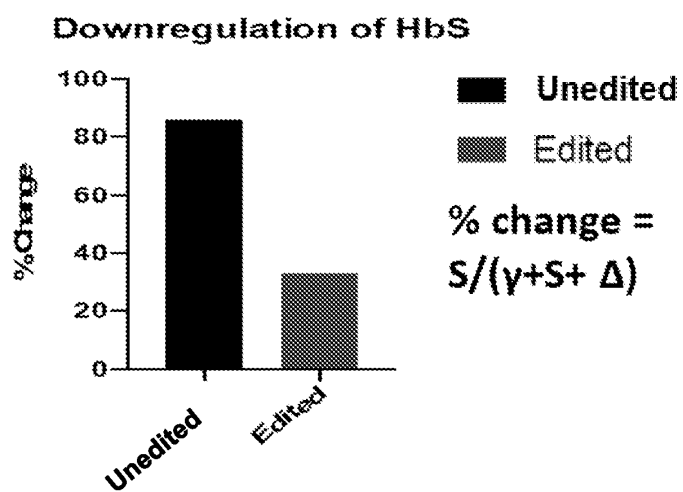


FIG. 8D

FIG. 9A

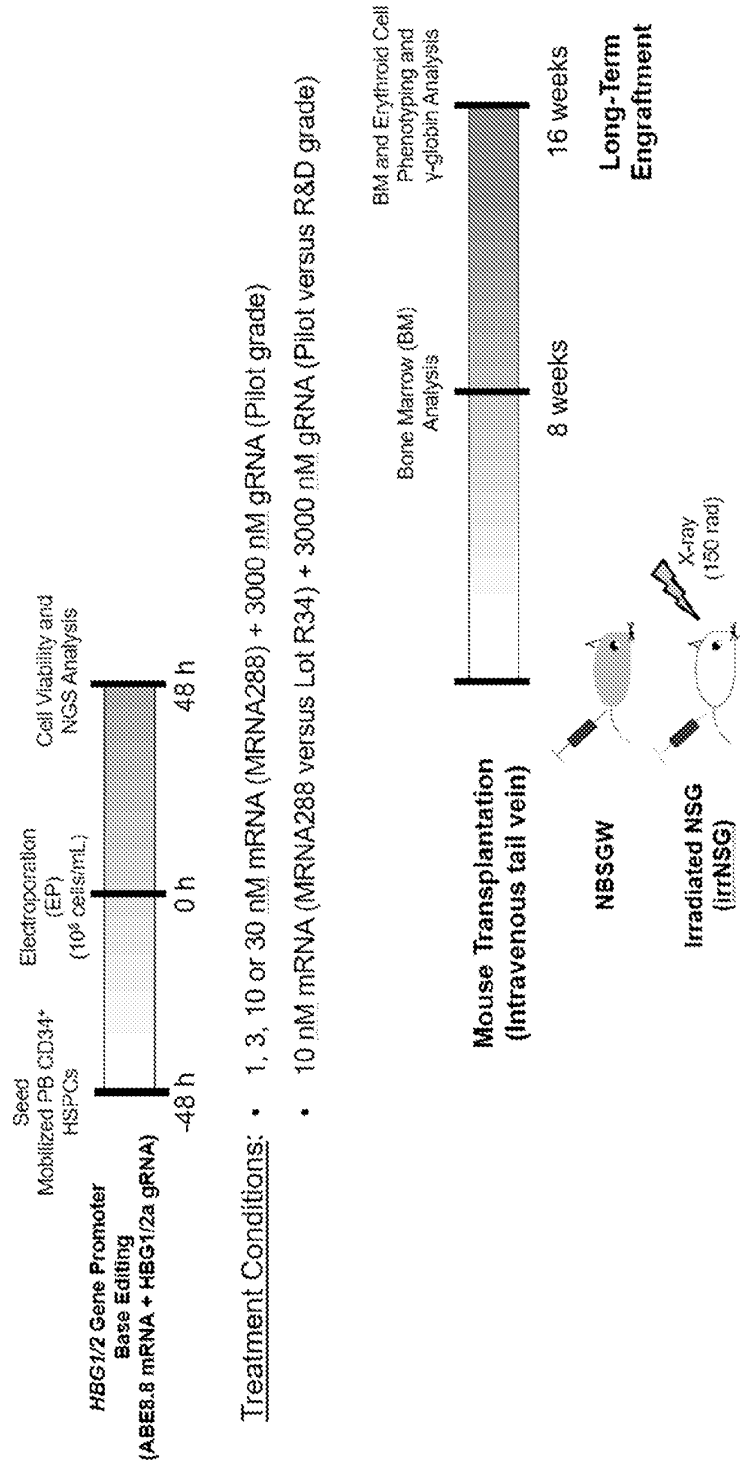
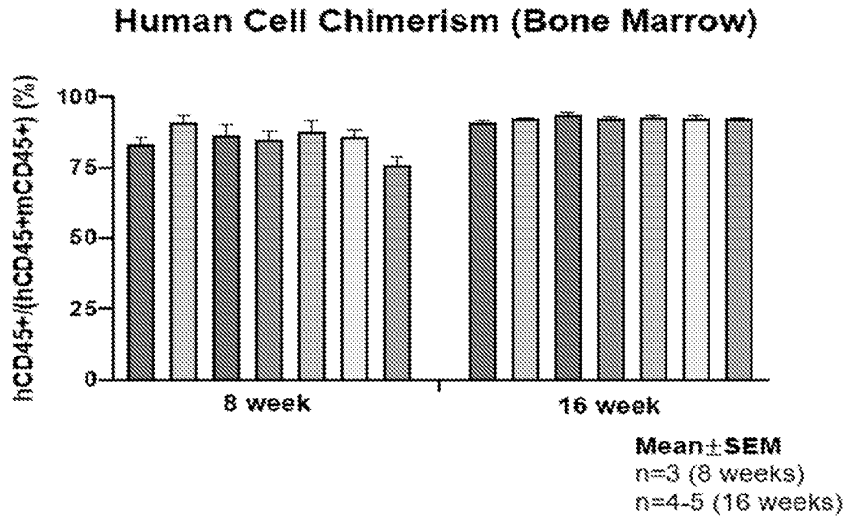


FIG. 9B



HBG1/2 Promoter Base Editing (Bulk BM cells)

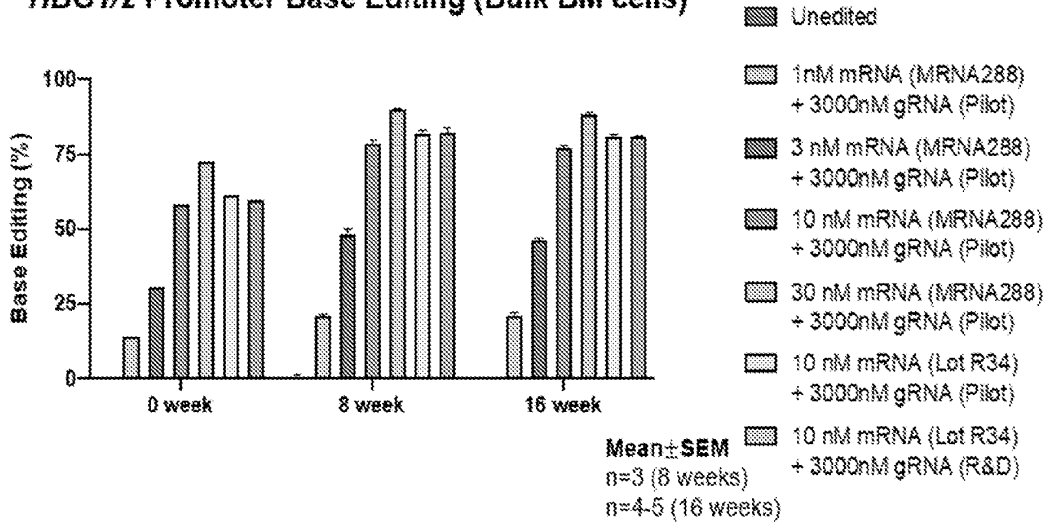


FIG. 9C

FIG. 10A

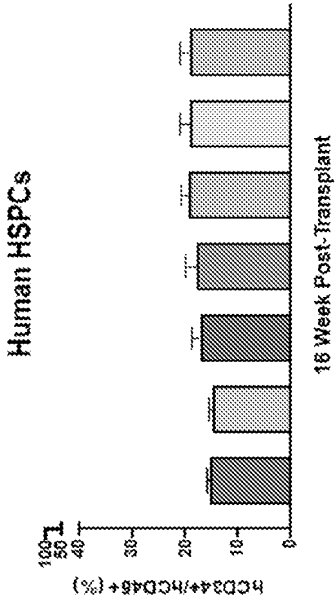


FIG. 10B

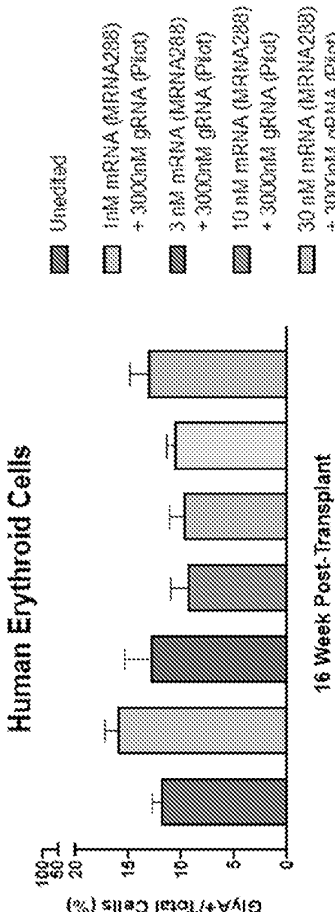


FIG. 10C

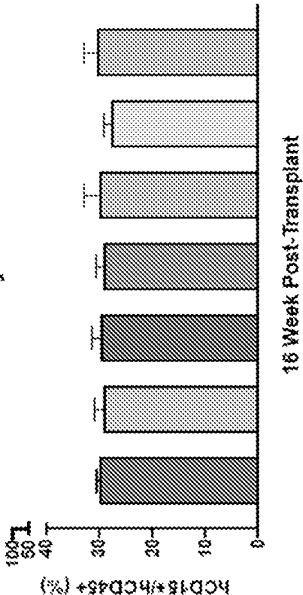


FIG. 10D

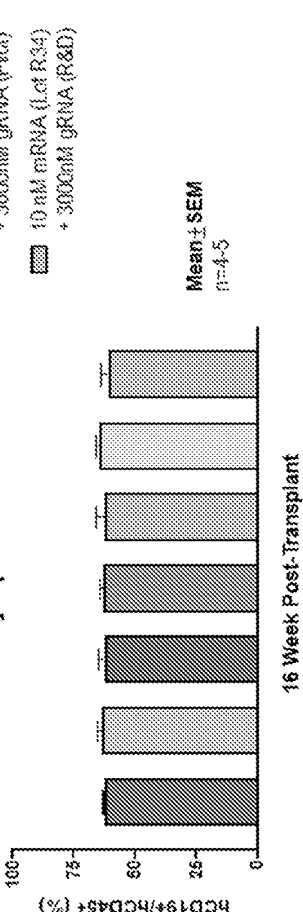


FIG. 12A

HBC1/2 Promoter Base Editing At 16 Weeks
(Bulk BM cells)

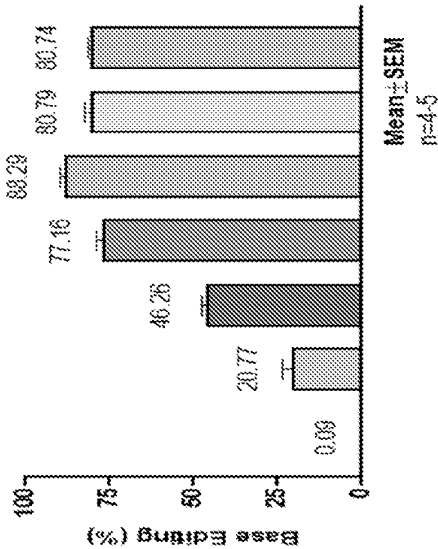


FIG. 12B

Gamma Globin Protein Levels
(Sorted BM-derived Human Erythroid Cells)

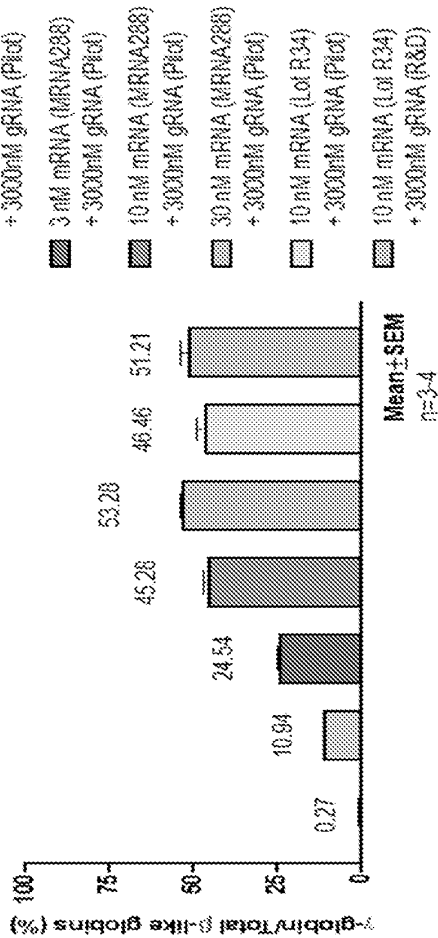


FIG. 13A

FIG. 13B

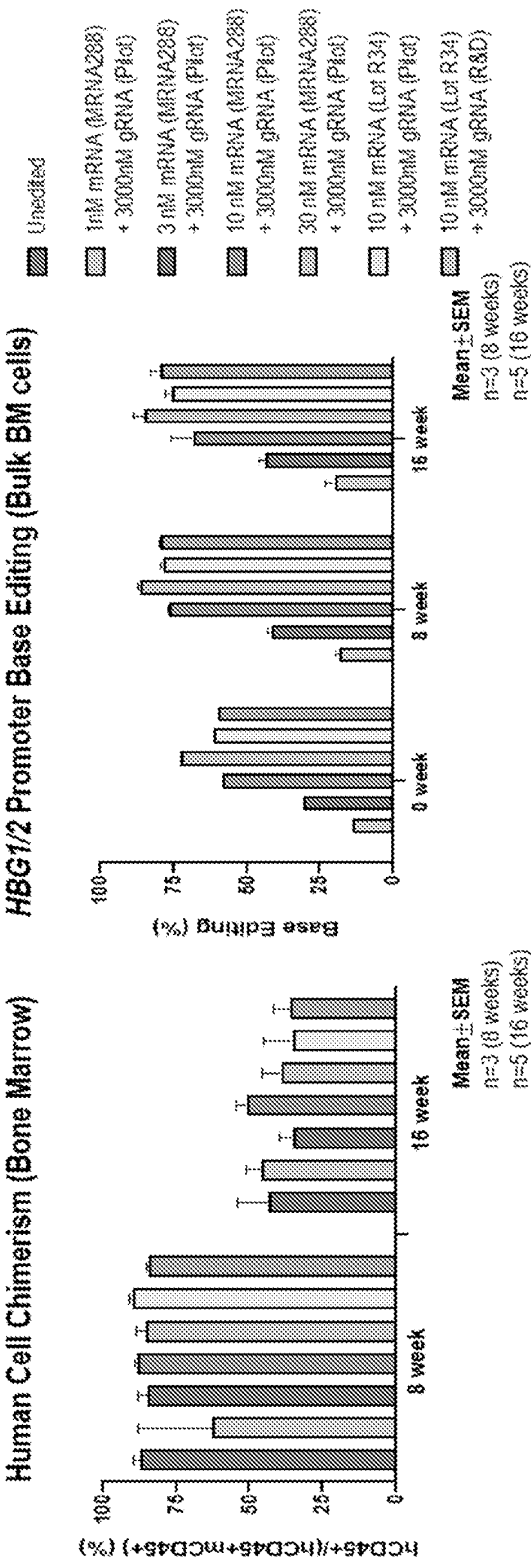
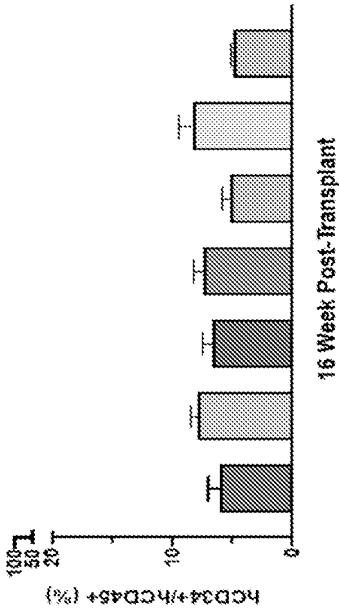


FIG. 14A

Human HSPCs



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Human Myeloid Cells

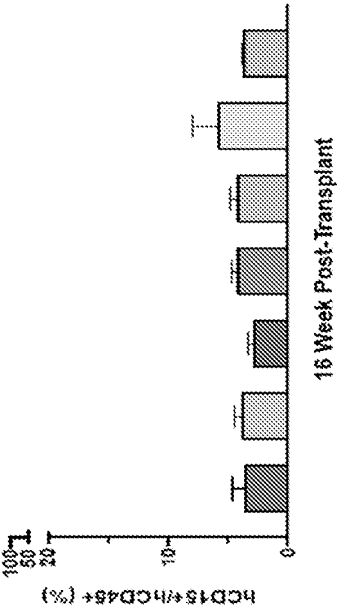


FIG. 14B

Human Lymphoid Cells

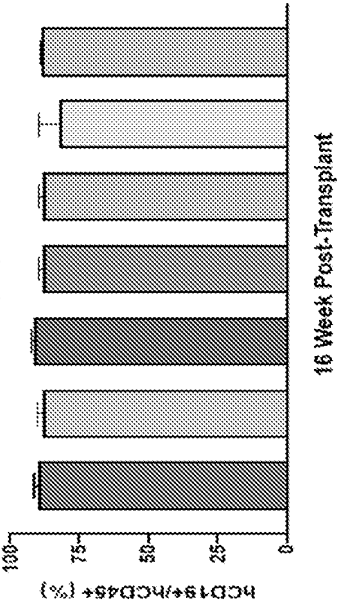
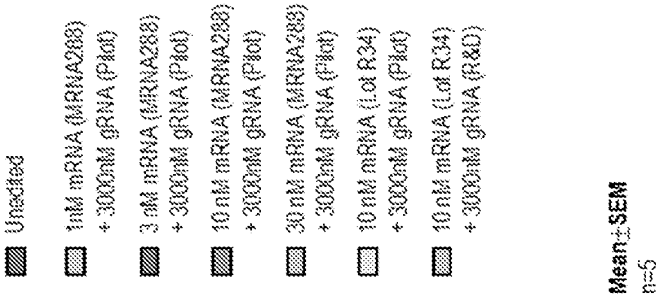


FIG. 14C



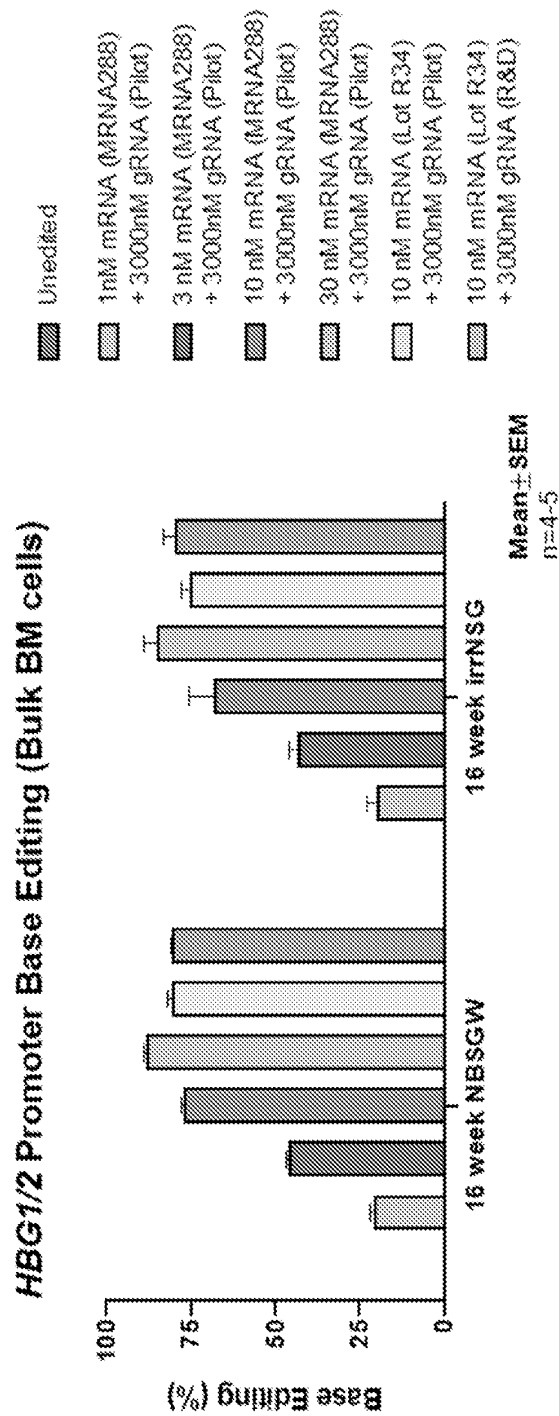


FIG. 15

FIG. 16

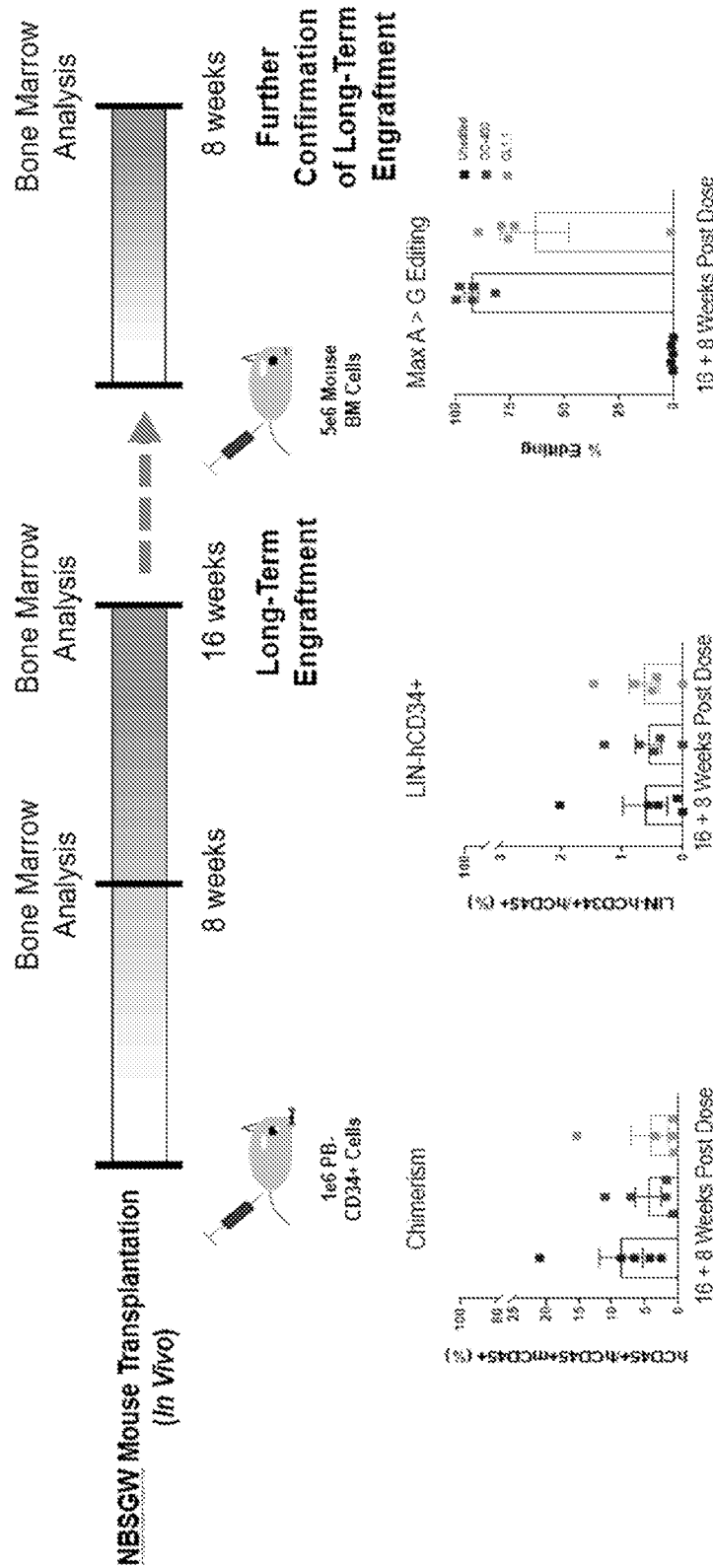


FIG. 17A

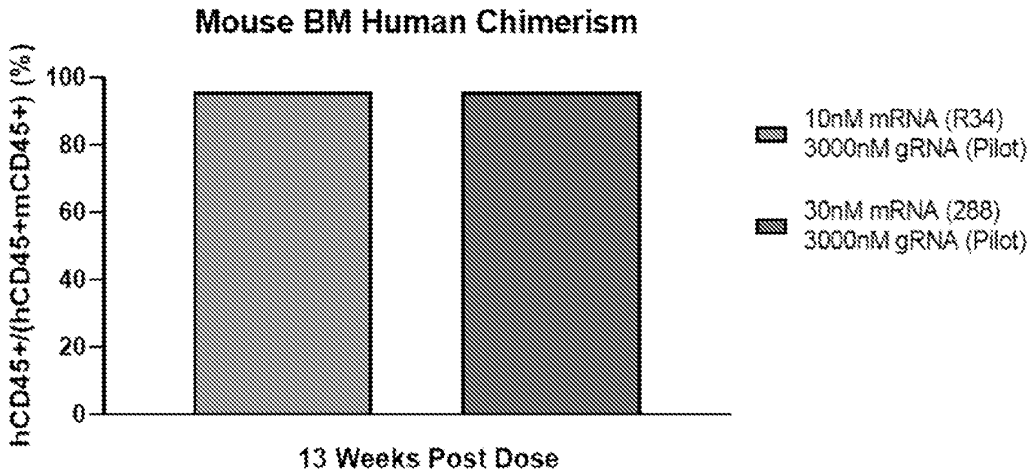
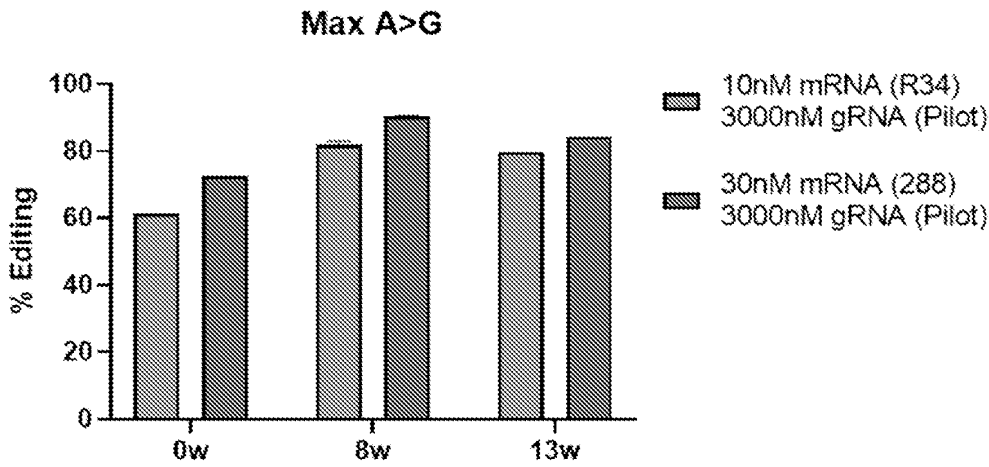


FIG. 17B



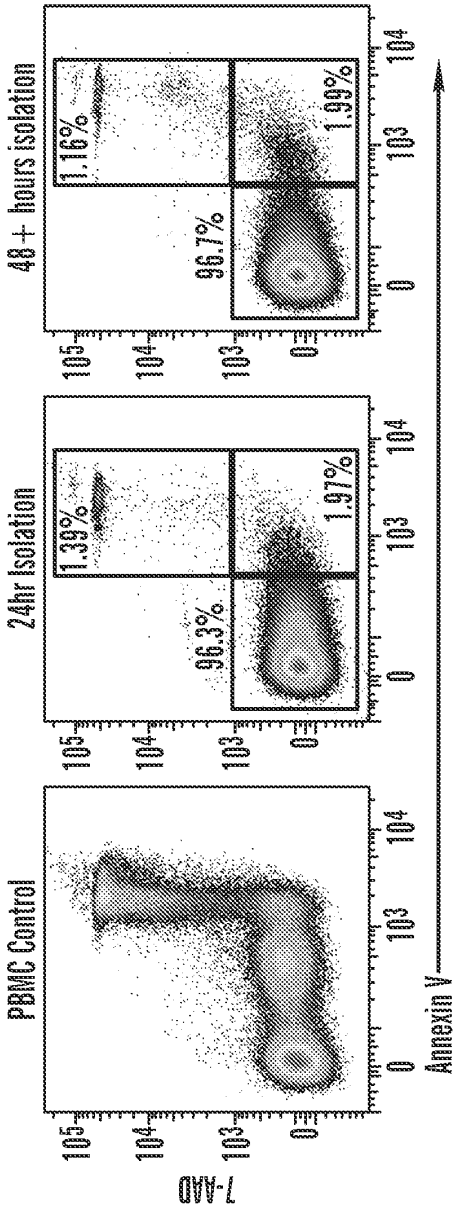
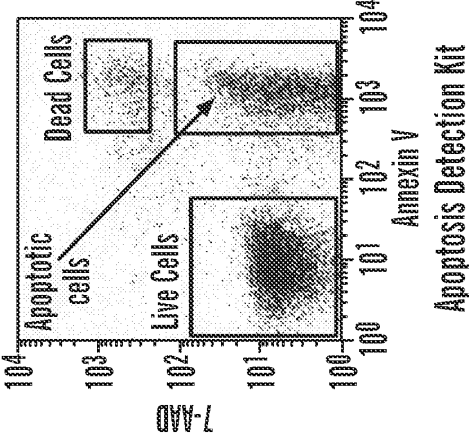


FIG. 18A



Apoptosis Detection Kit

FIG. 18B

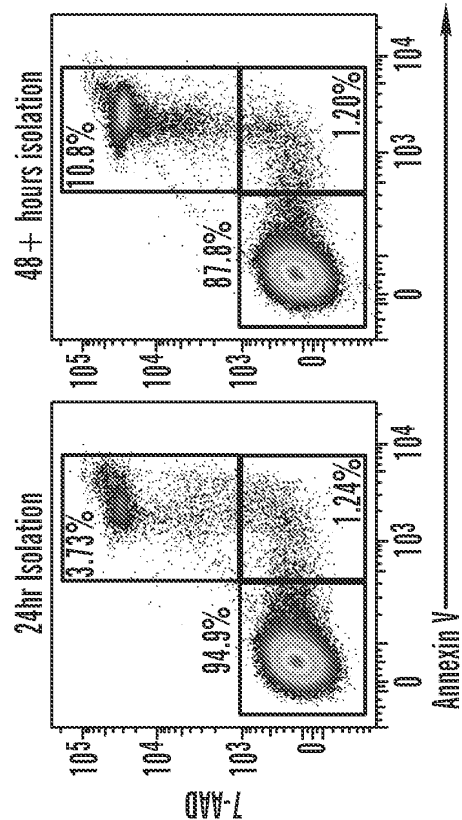


FIG. 19A

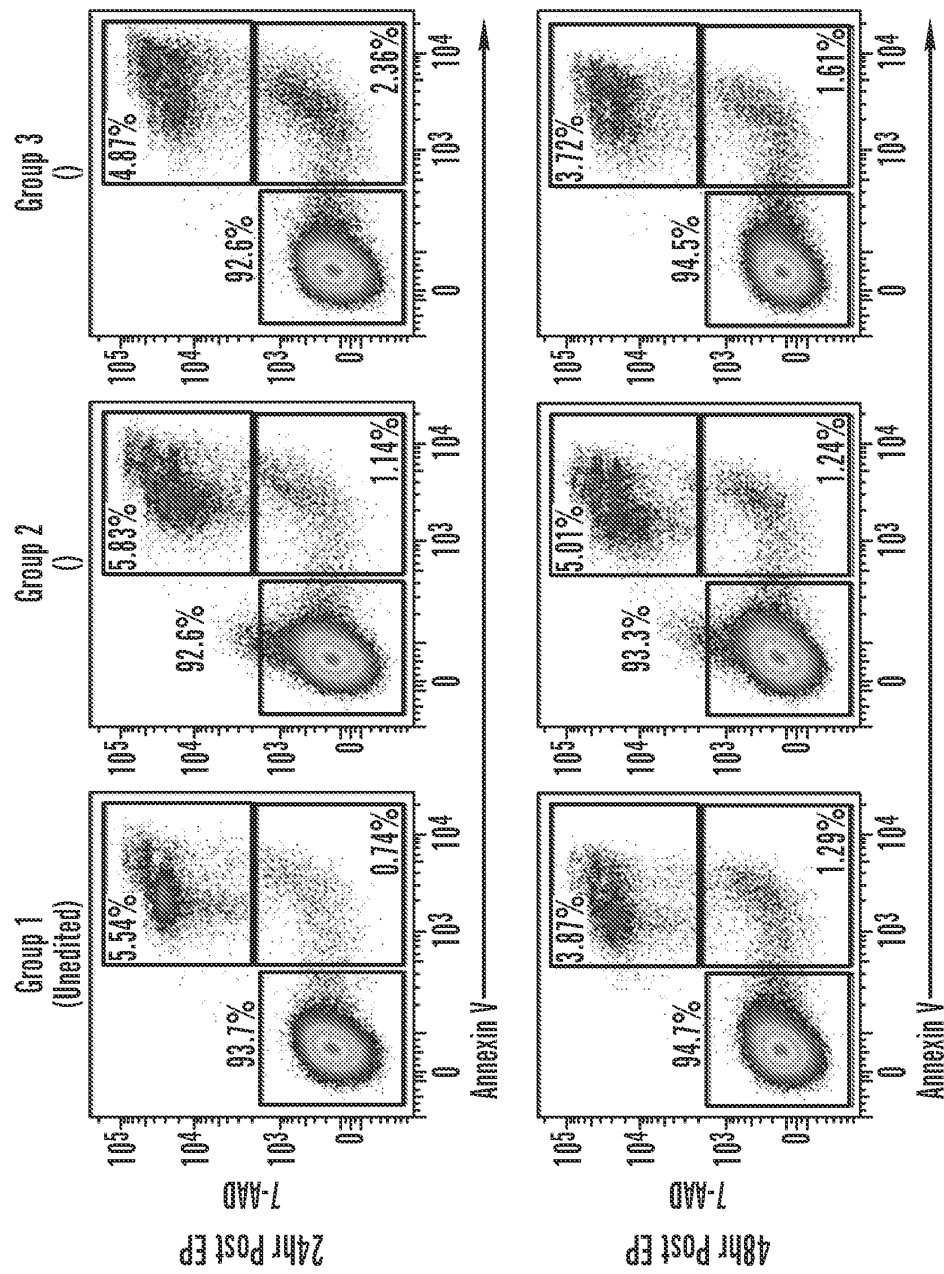


FIG. 19B

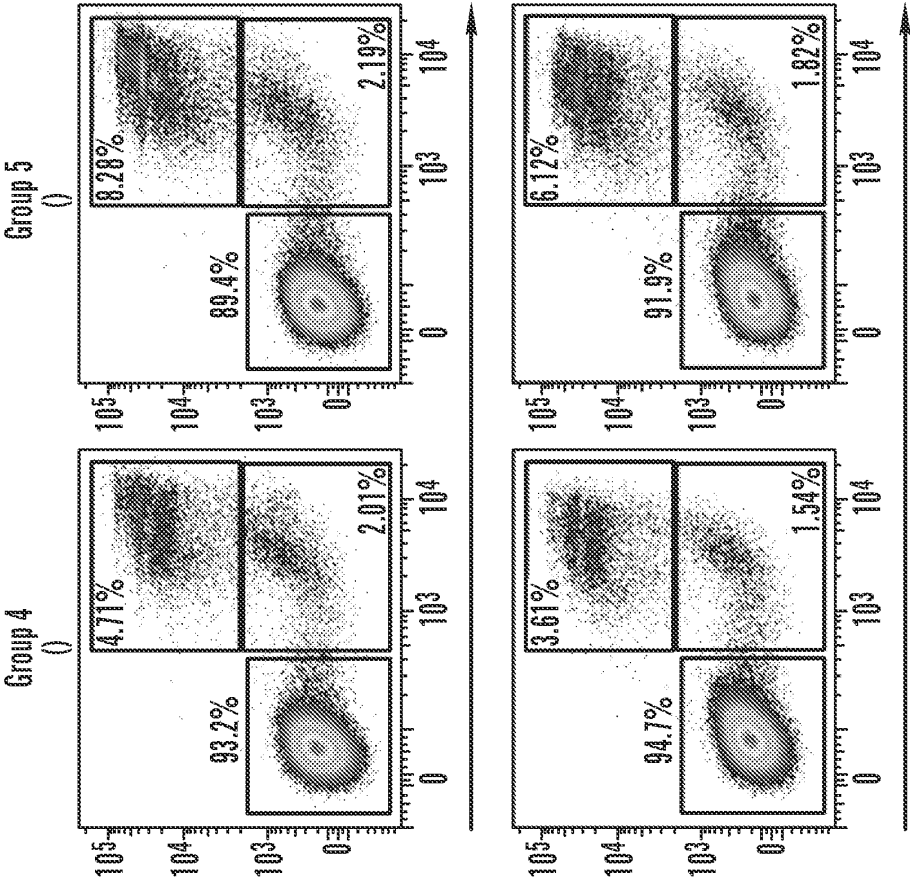


FIG. 19B (cont.)

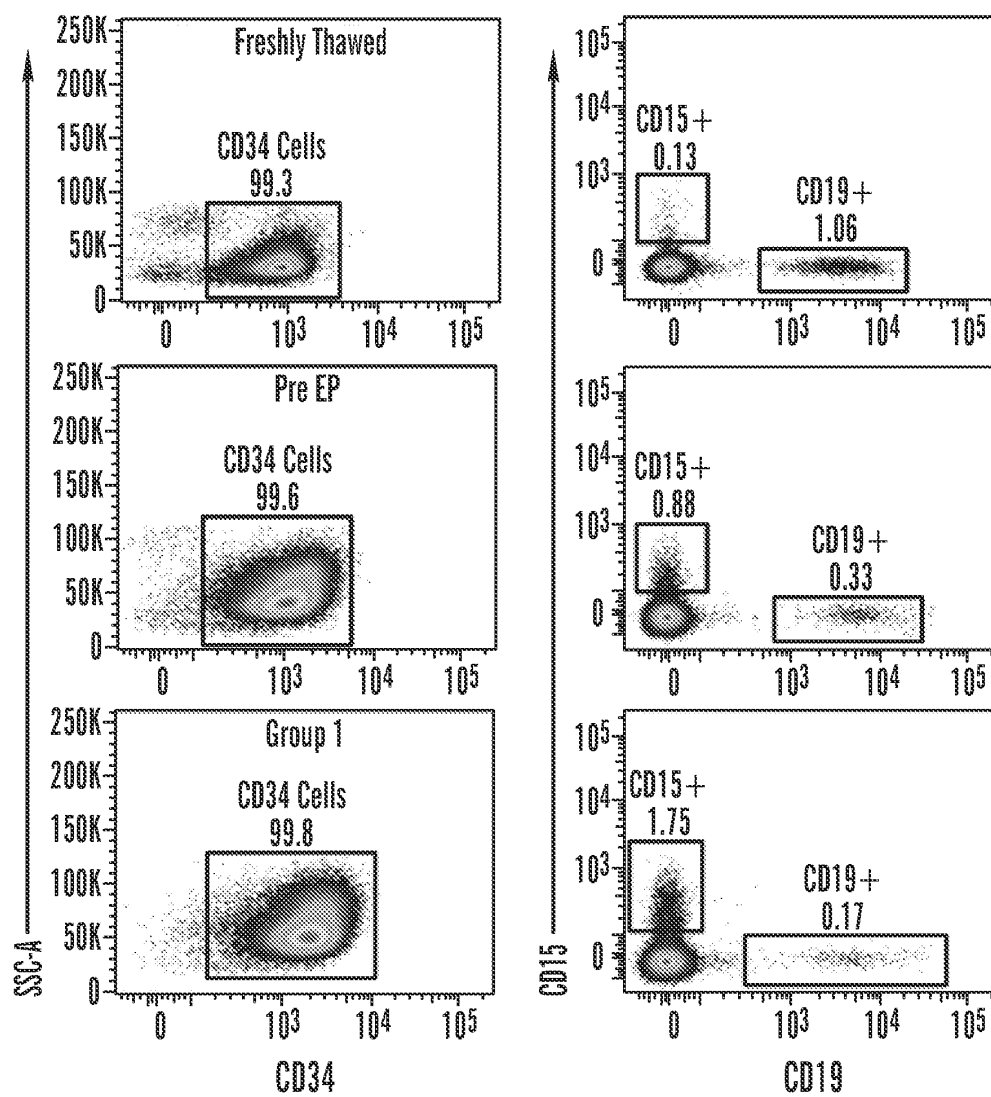


FIG. 19C

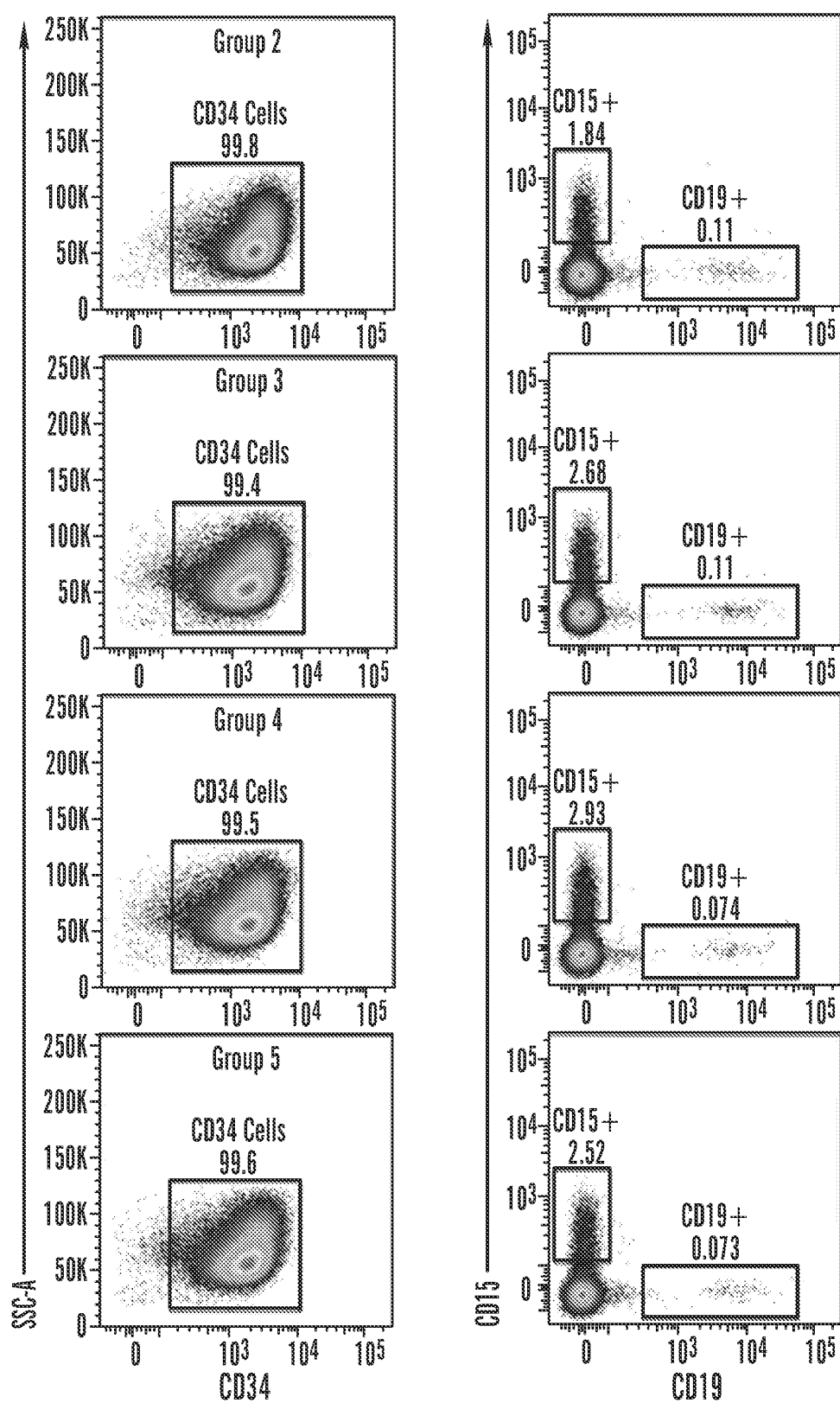


FIG. 19C (cont.)

FIG. 20A

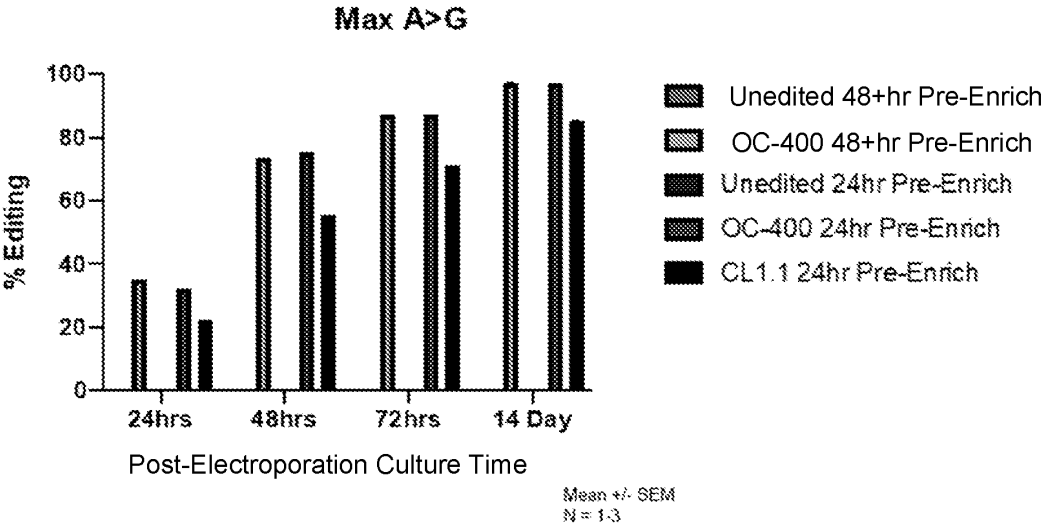
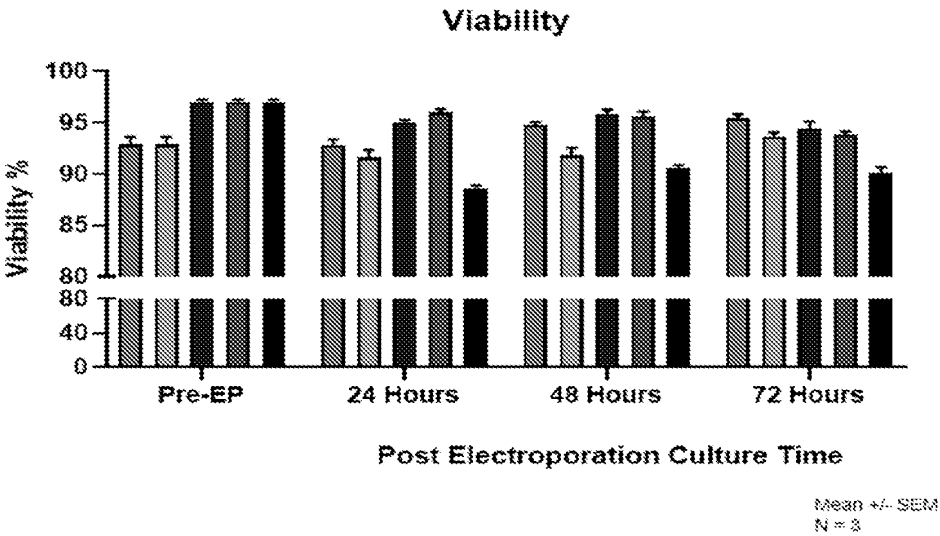


FIG. 20B

FIG. 21A

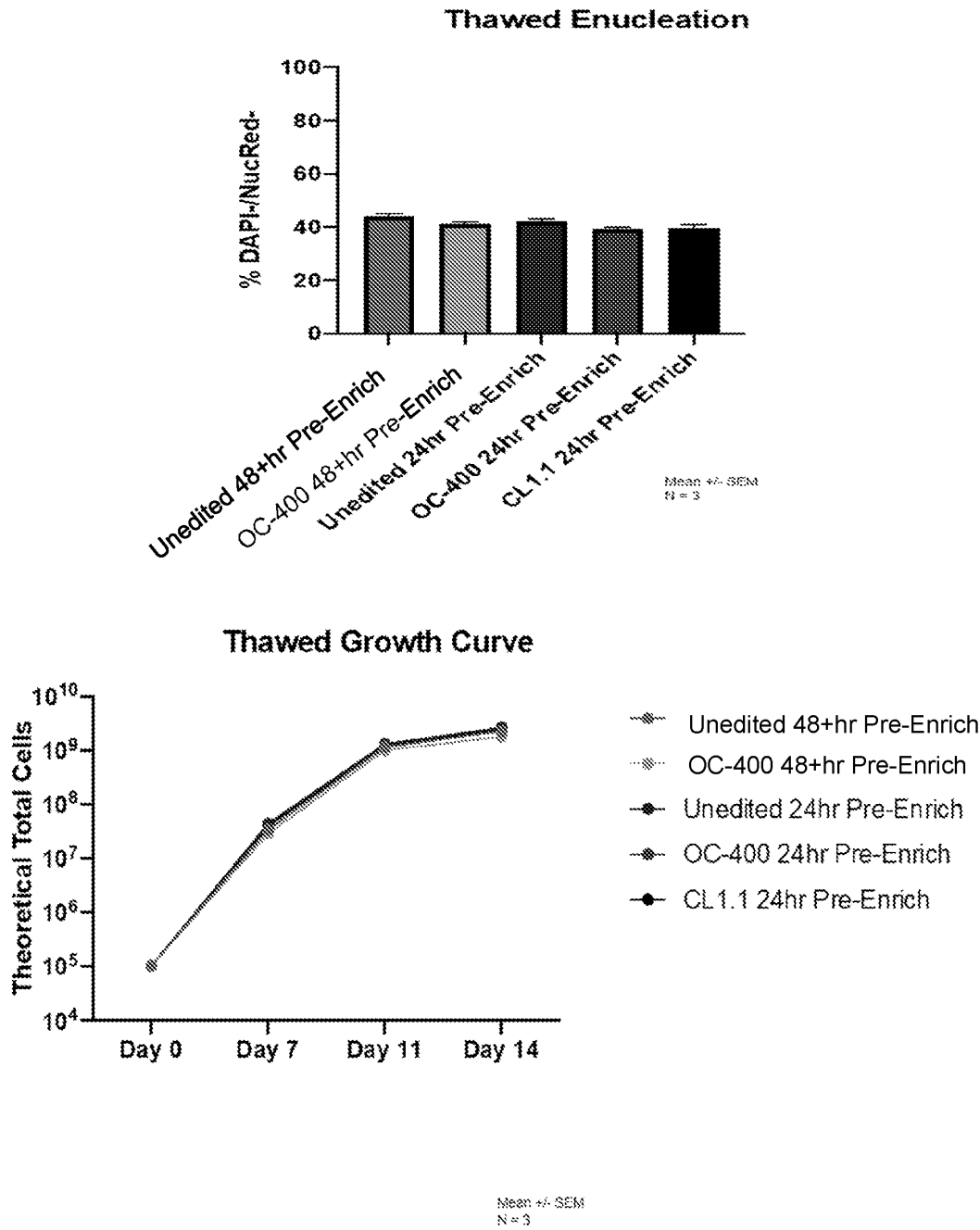


FIG. 21B

FIG. 22A

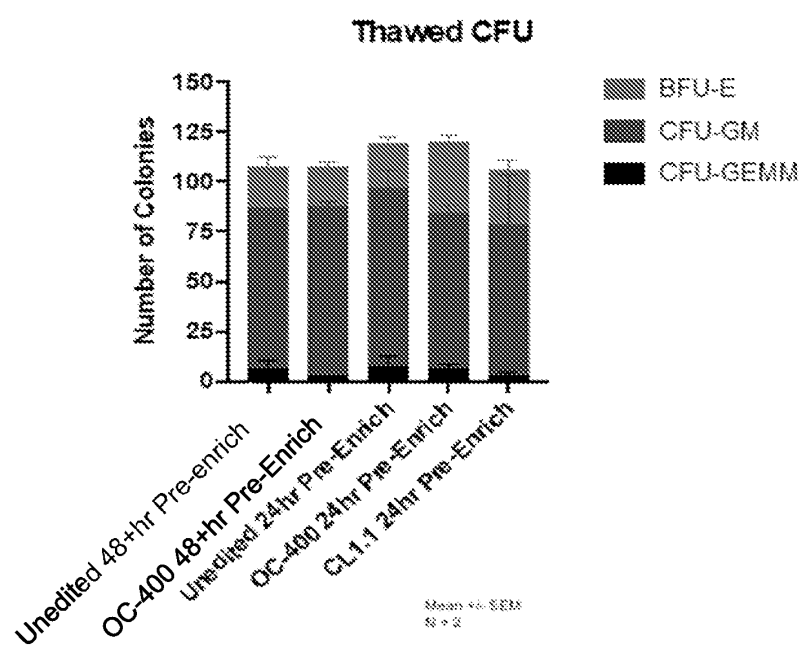
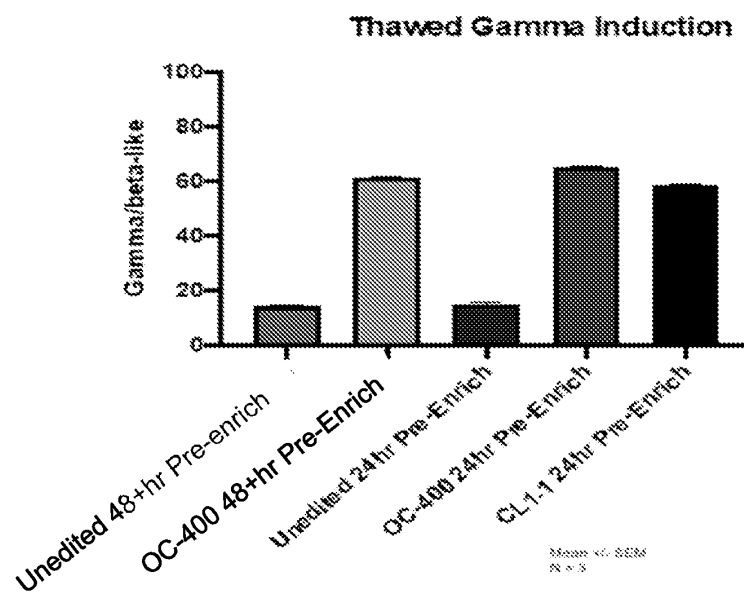


FIG. 22B

FIG. 23A

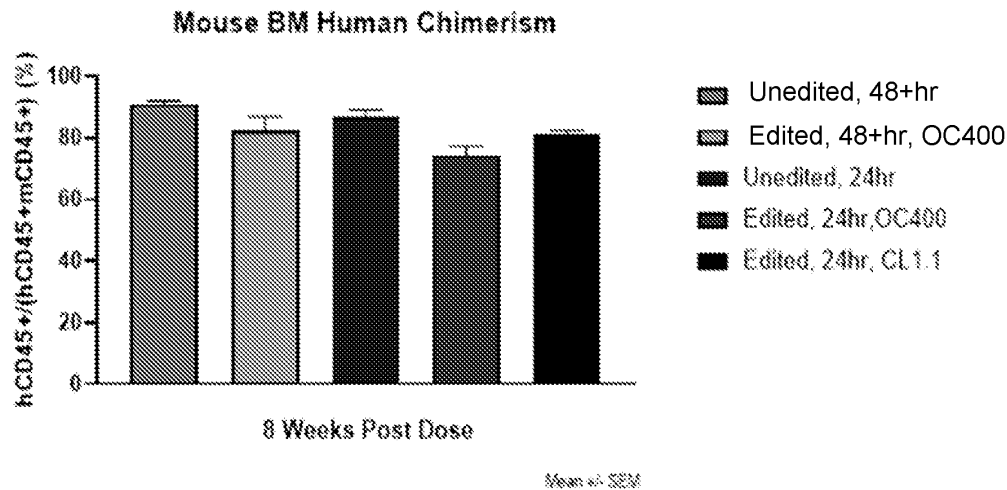


FIG. 23B

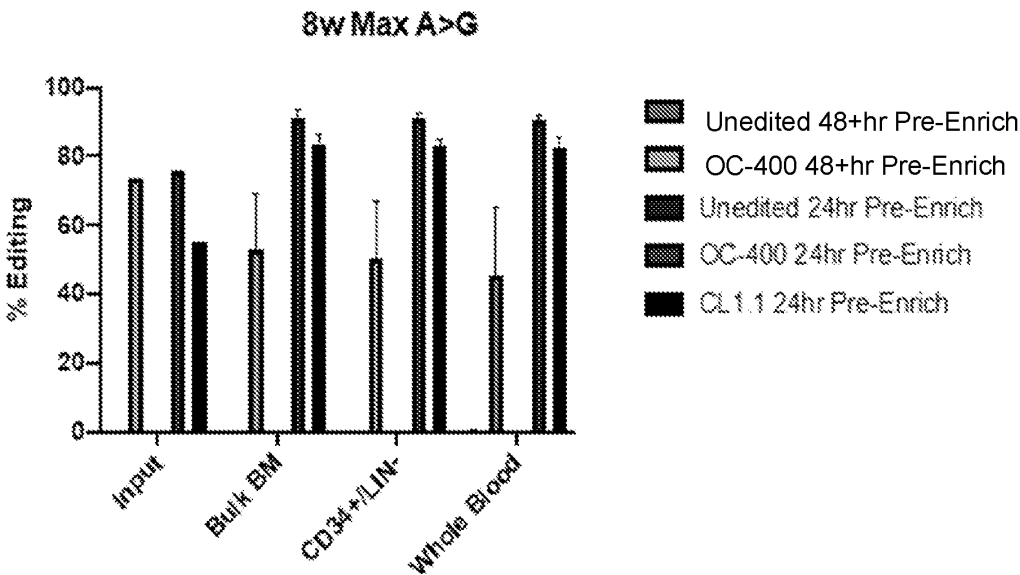


FIG. 24A

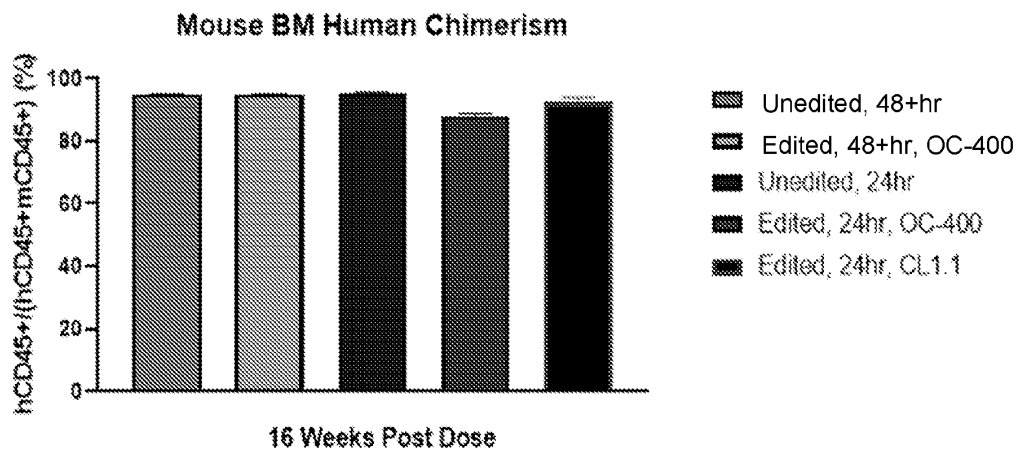


FIG. 24B

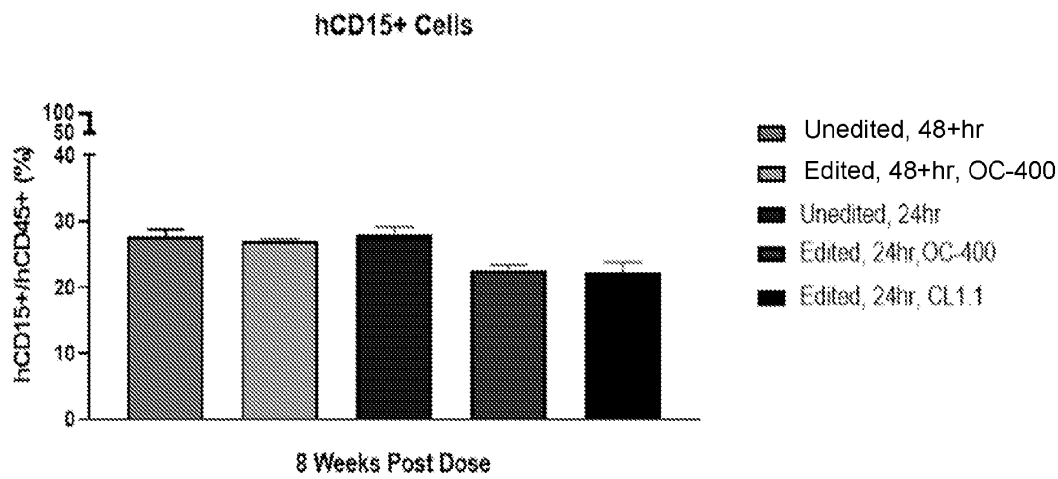


FIG. 24C

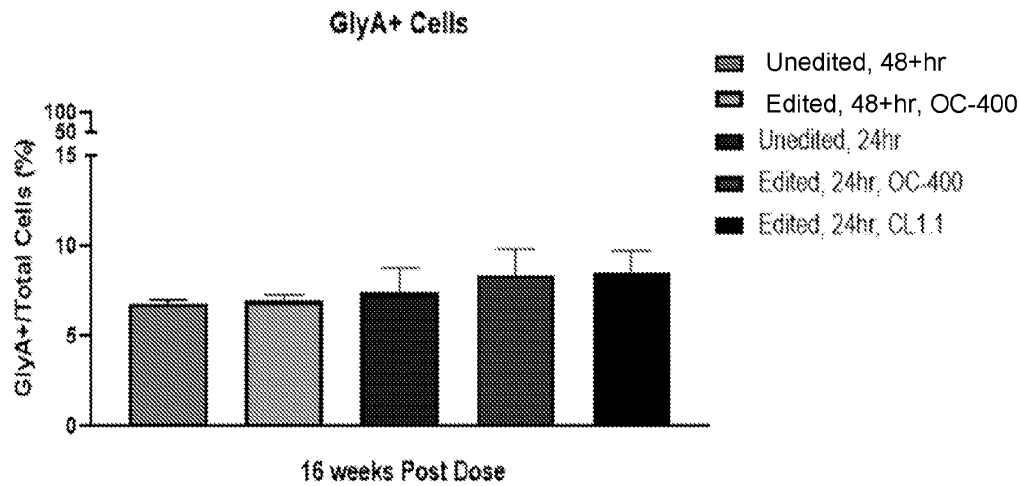


FIG. 24D

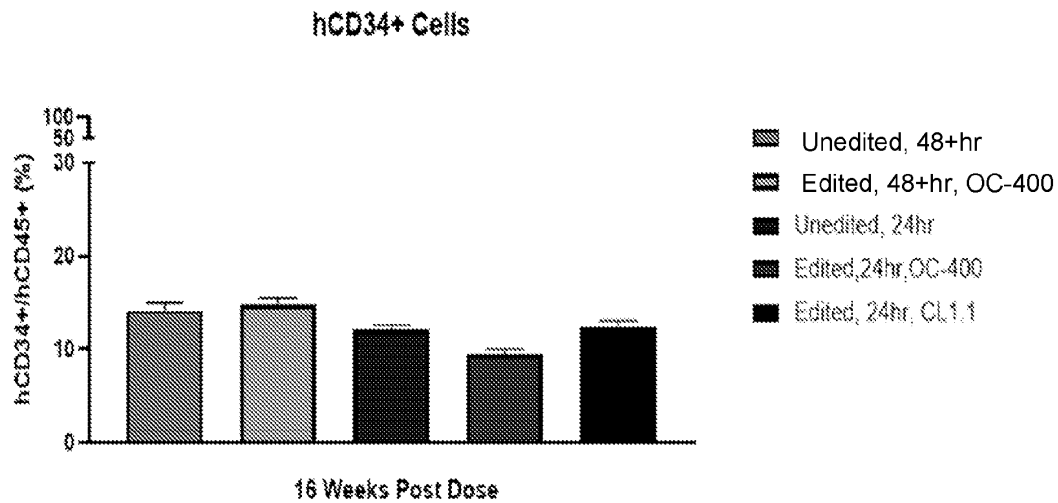


FIG. 25A

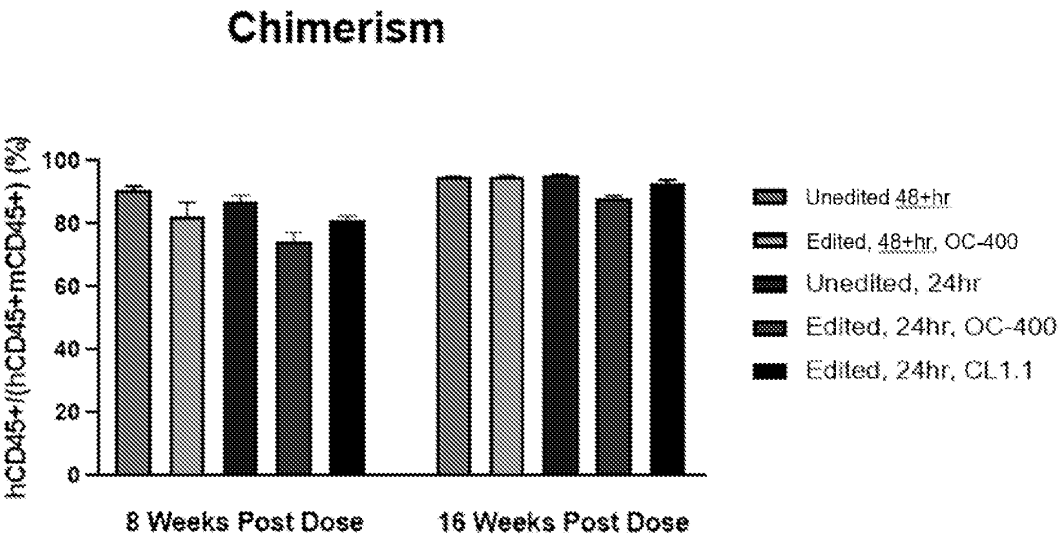


FIG. 25B

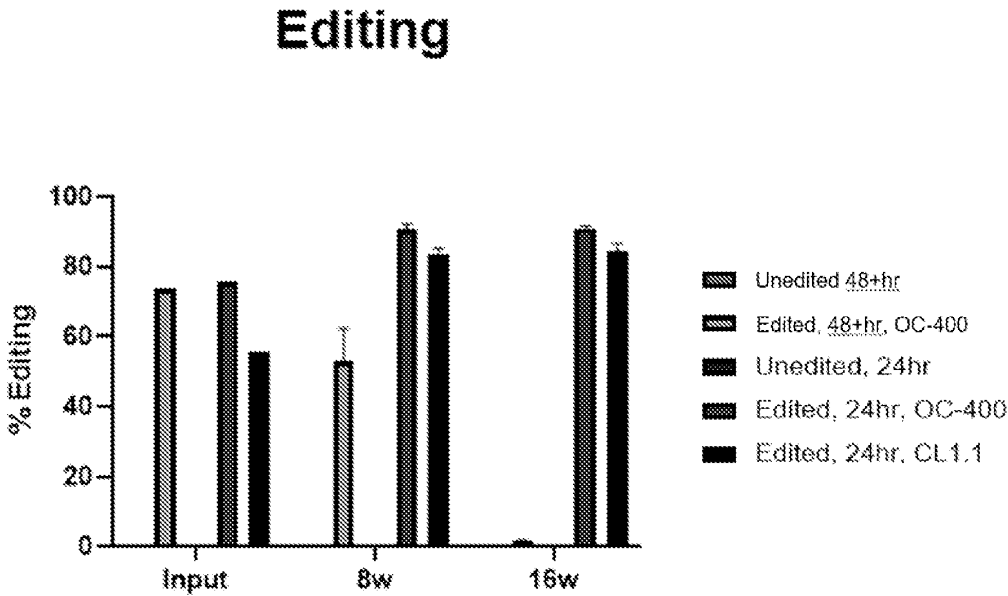


FIG. 25C

Fetal Globin Reactivation

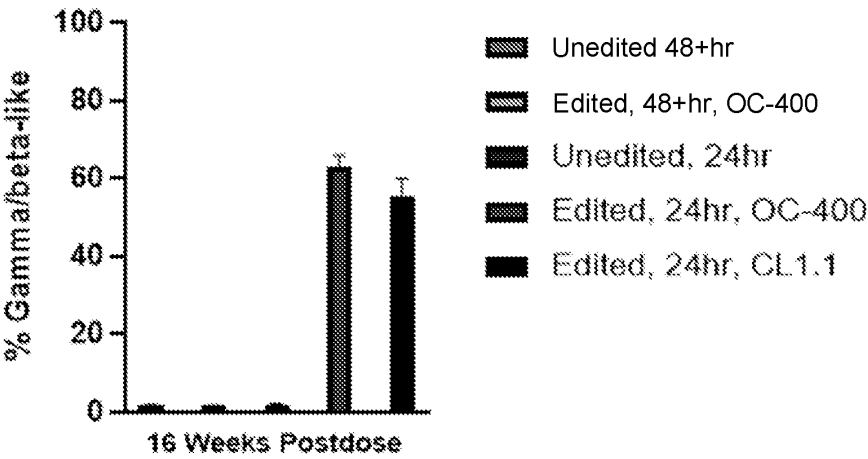


FIG. 26

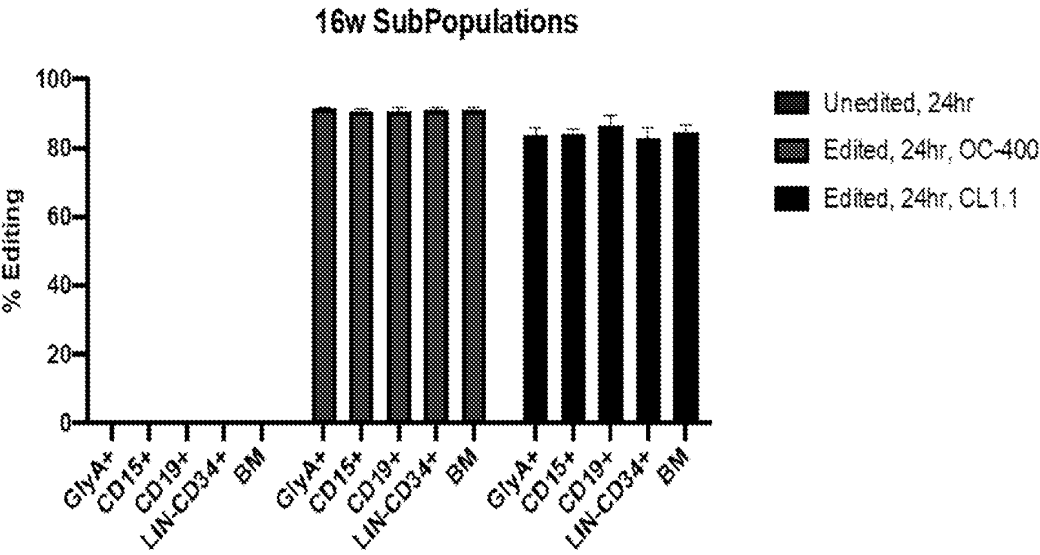


FIG. 27

Base Editing at the HBG1/2 Locus

