

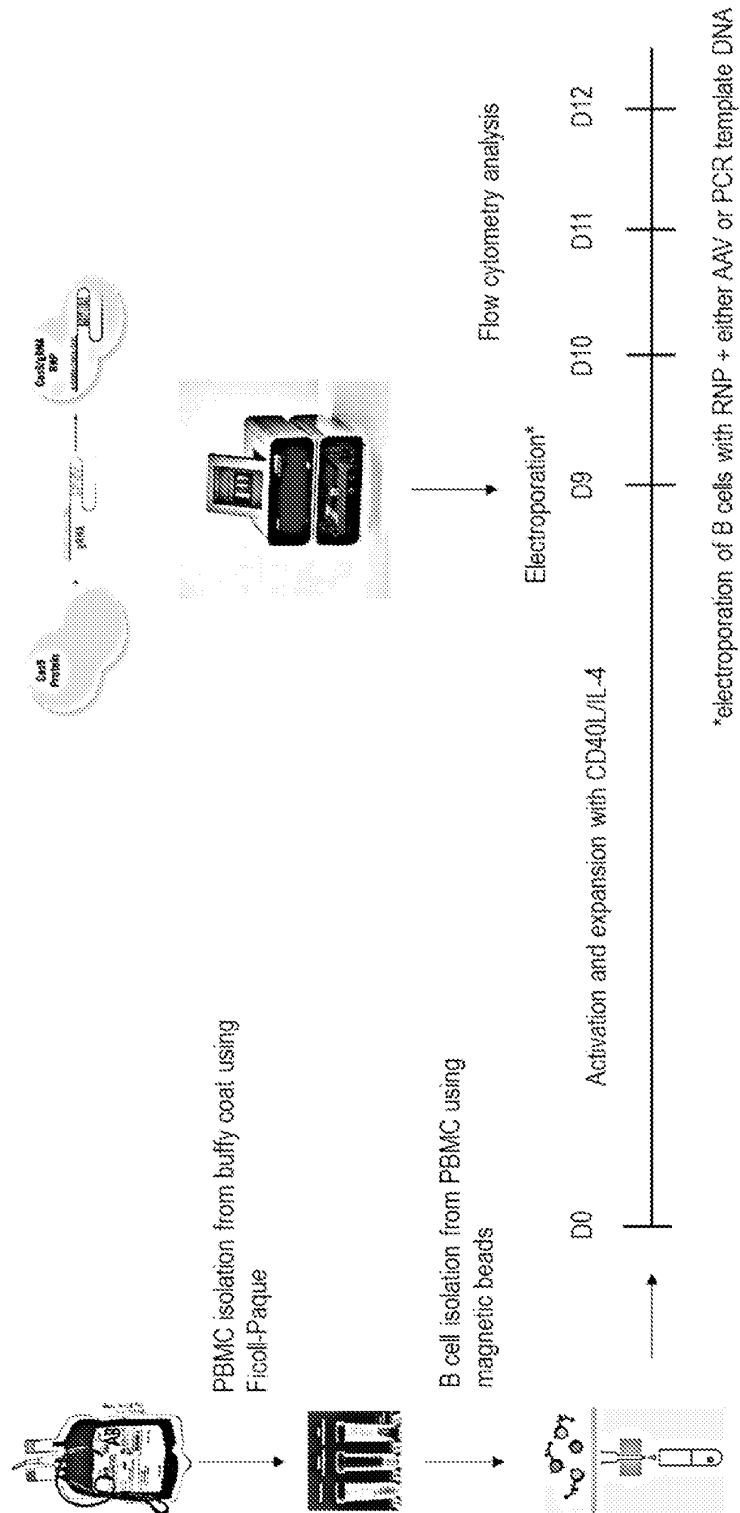


FIG. 1

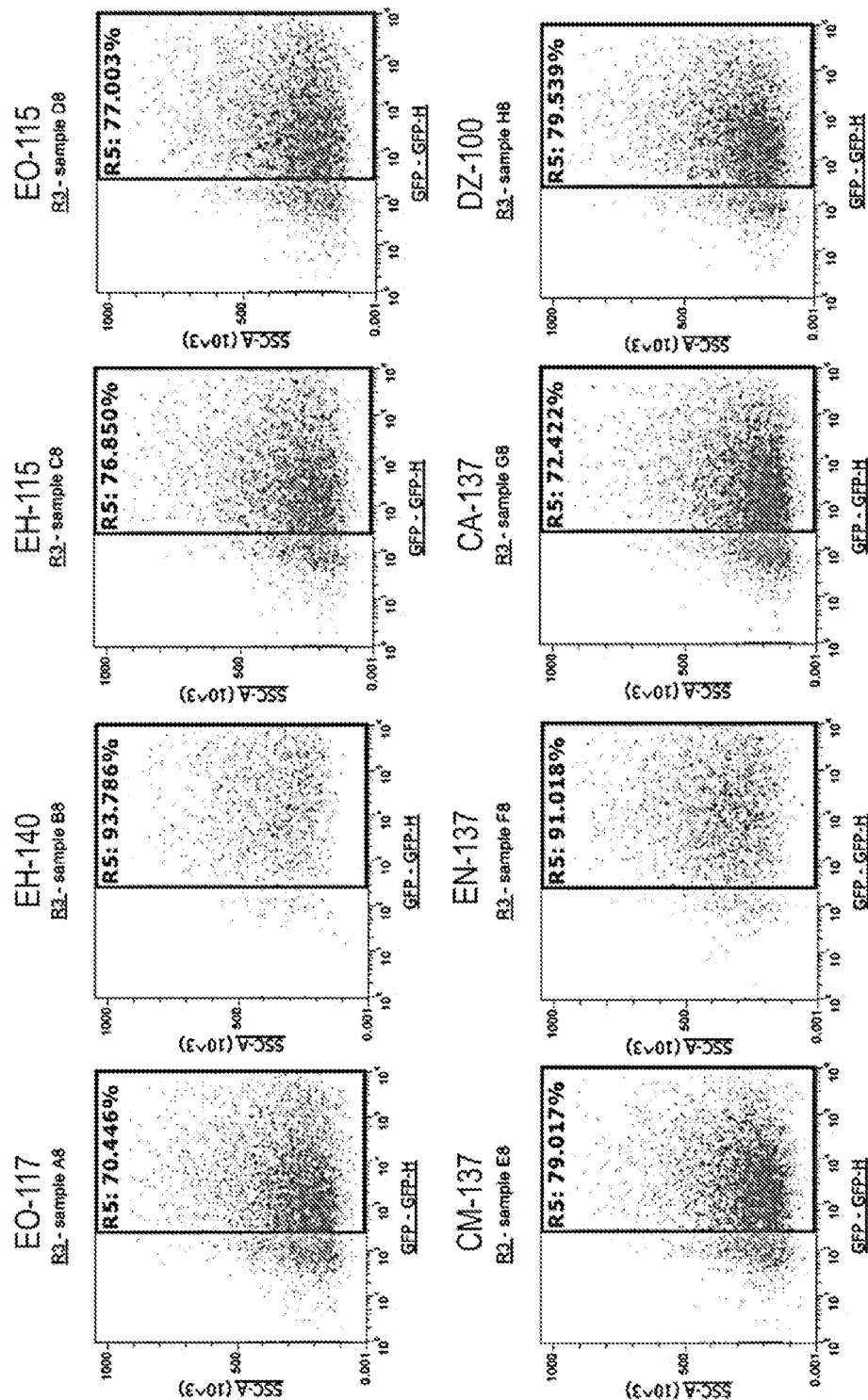


FIG. 2A

	Donor 466	
Program	GFP+%	Viability%
EO-117	70.446	98.037
EH-140	93.786	92.978
EH-115	76.850	98.119
EO-115	77.003	98.350
CM-137	79.017	98.484
EN-137	91.018	96.632
CA-137	72.422	98.208
DZ-100	79.539	98.252
Control	1.444	96.394

FIG. 2B

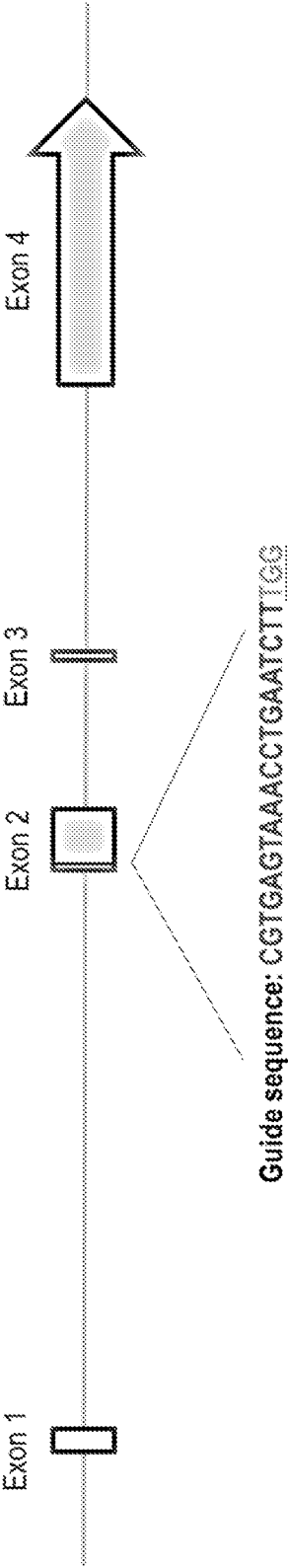


FIG. 3

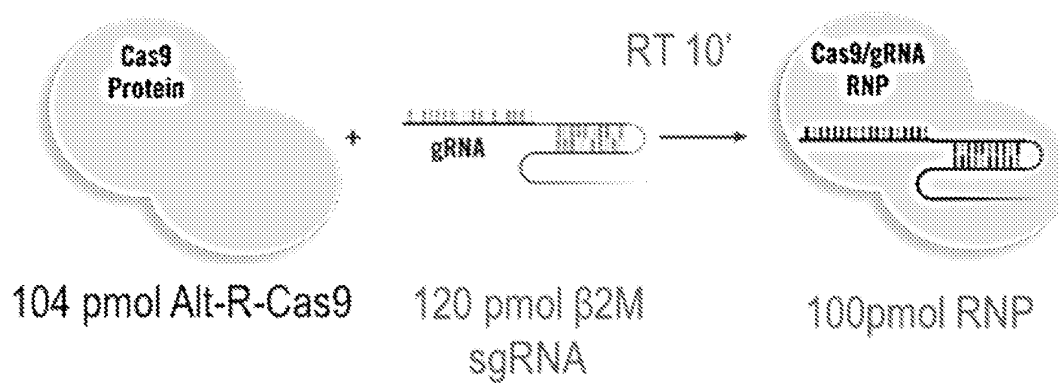


FIG. 4A

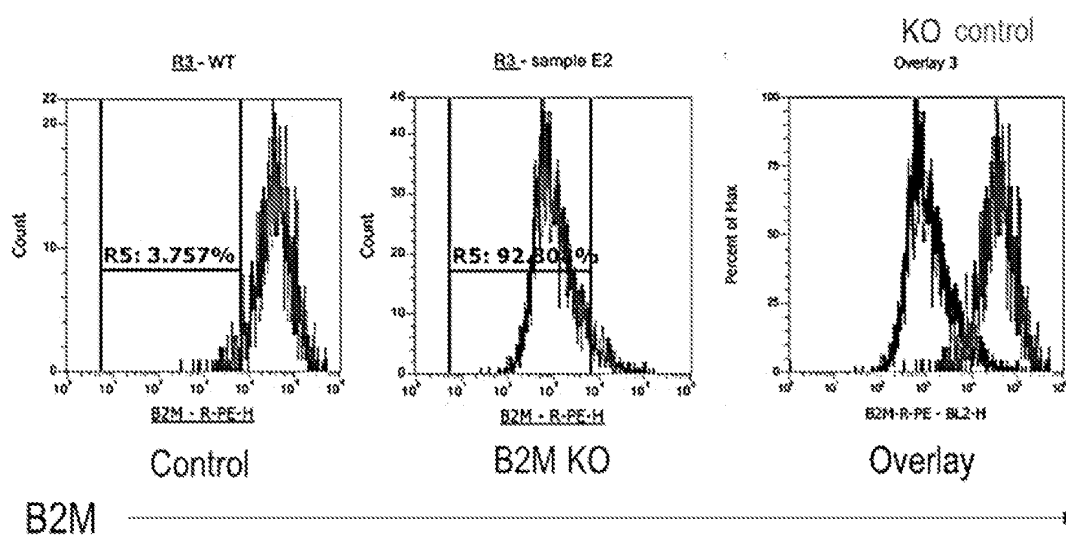


FIG. 4B

	Donor 47	Donor 47	Donor 48	Donor 48
Program	KO%*	Viability	KO%	Viability
EO-117	33.6	95	44	93.1
EH-140	79.7	92.3	87.6	93.6
EH-115	37.9	89.6	47.5	93.7
EO-115	37.2	93.1	44.3	94
CM-137	80.2	91.8	85.6	92.8
EN-137	63.4	93.9	69.2	92.5
CA-137	76.8	92	81.5	91.6
DZ-100	75.9	92.9	82.6	93.4
Control	3.8	91.3	1.2	94.5
*% b2M KnockOut by flow cytometry				

FIG. 4C

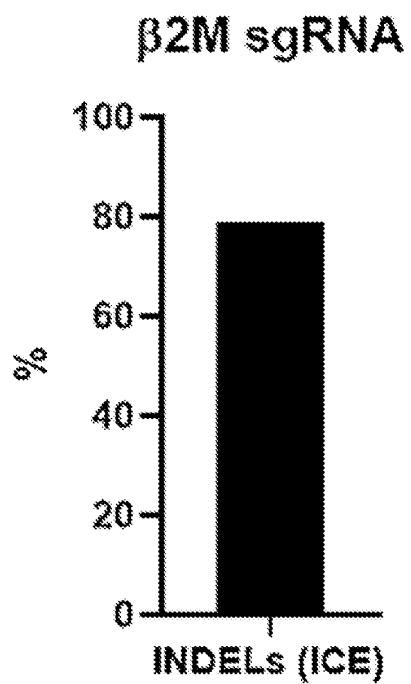


FIG. 5A

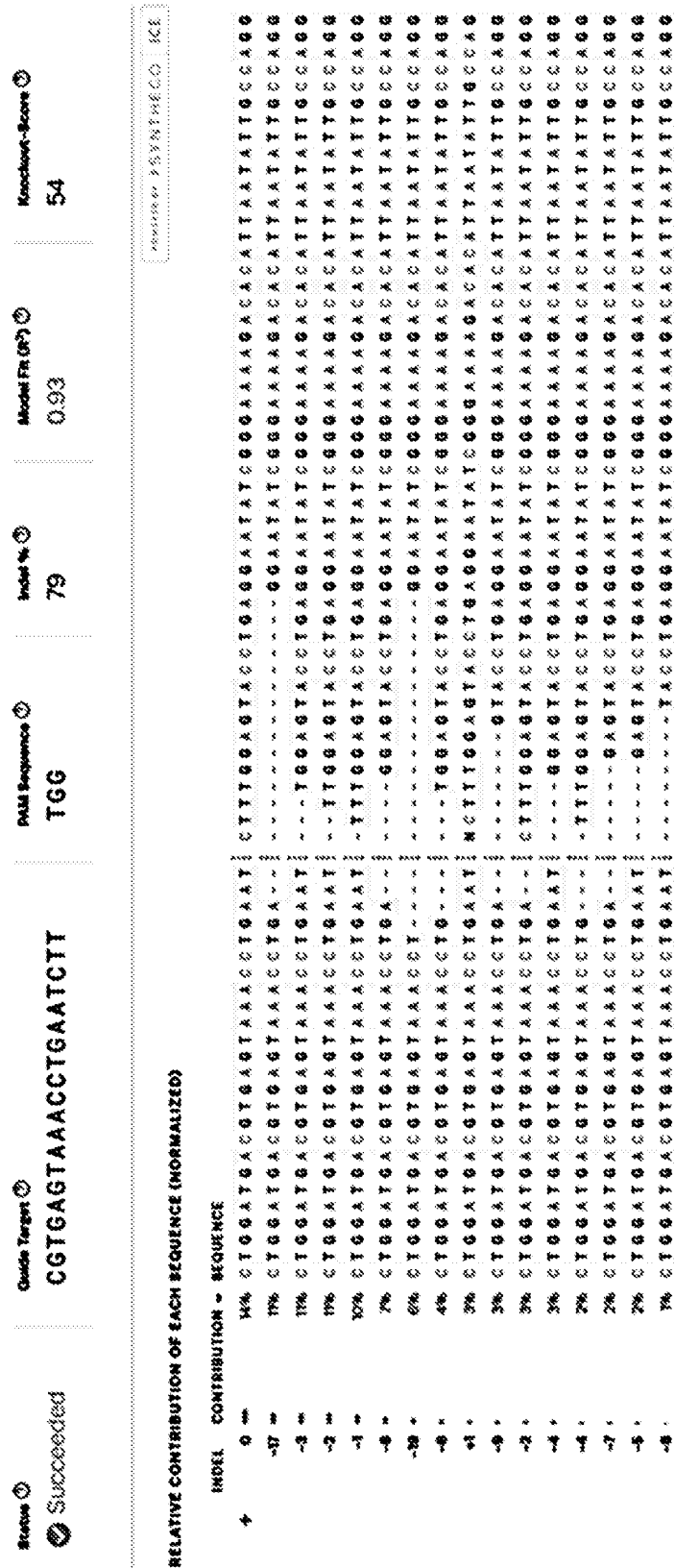


FIG. 5B

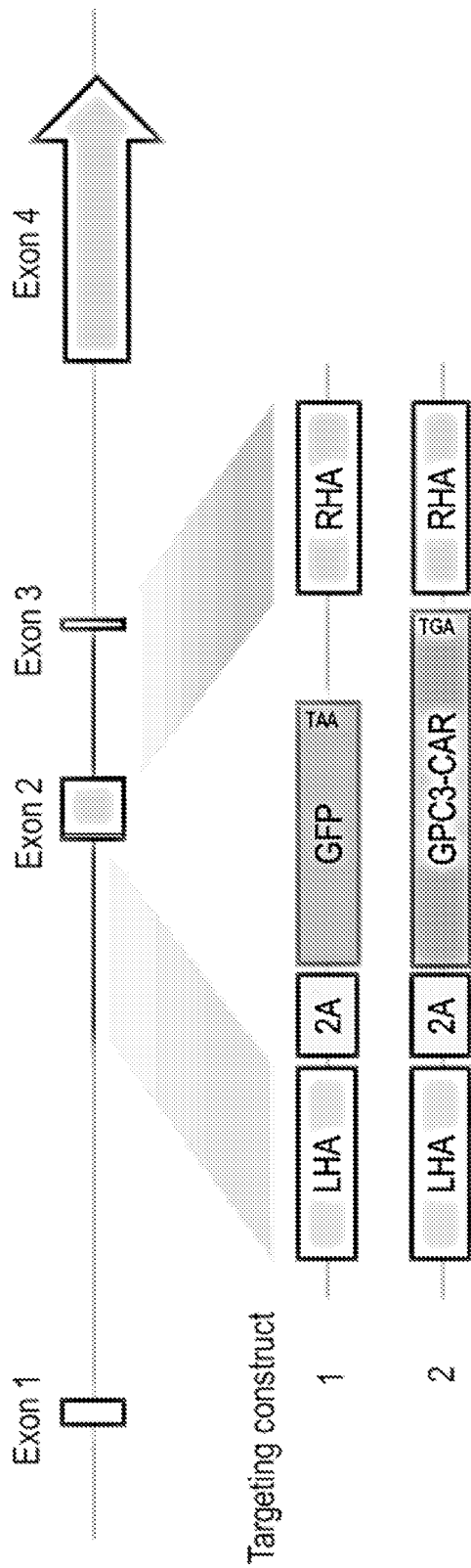


FIG. 6

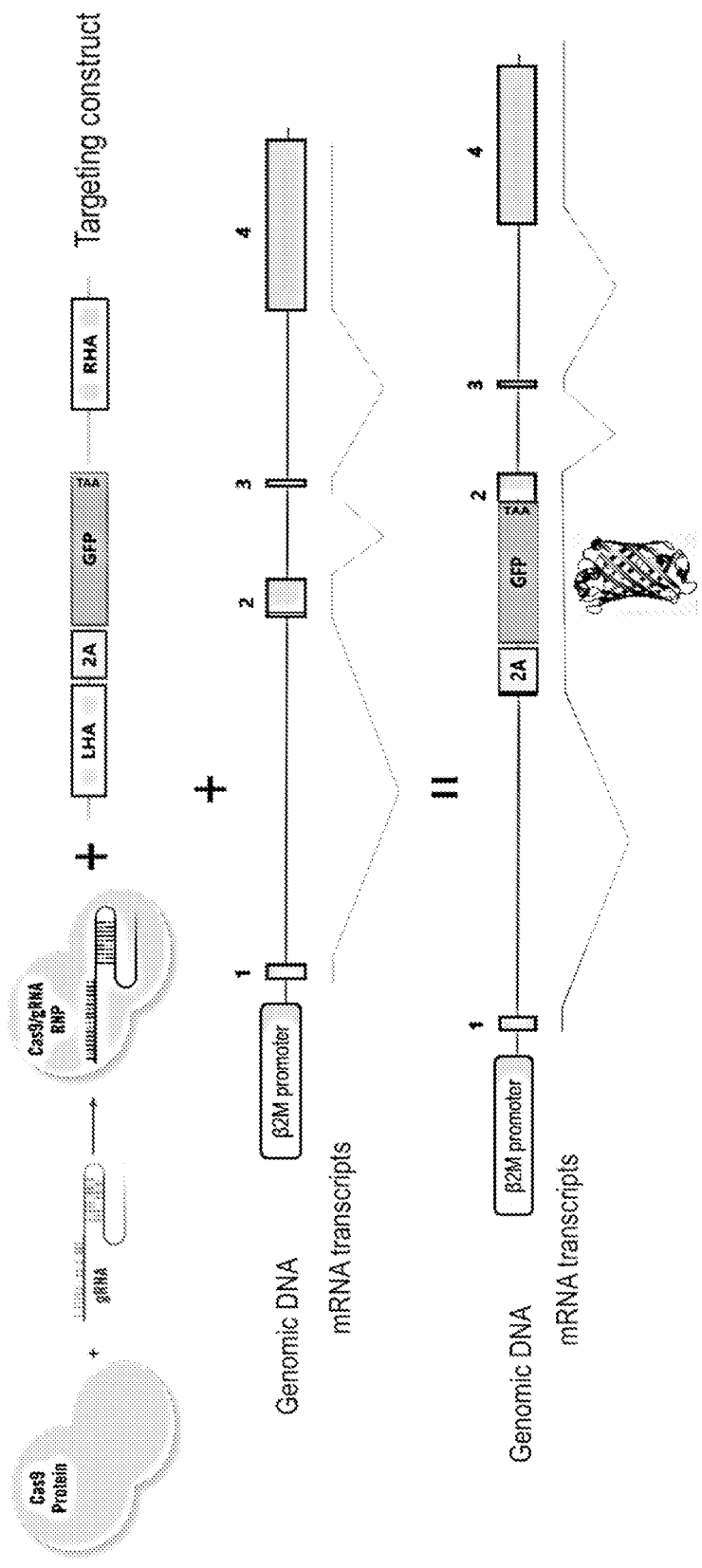


FIG. 7

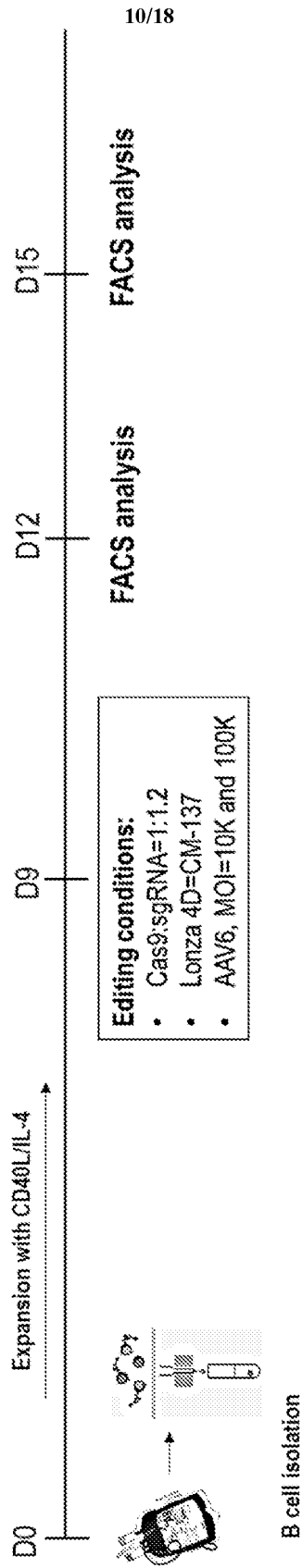


FIG. 8A

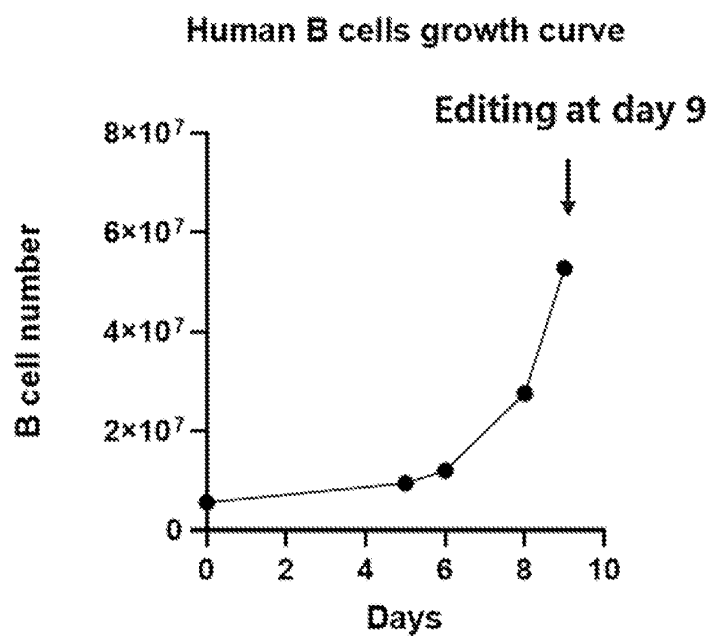


FIG. 8B

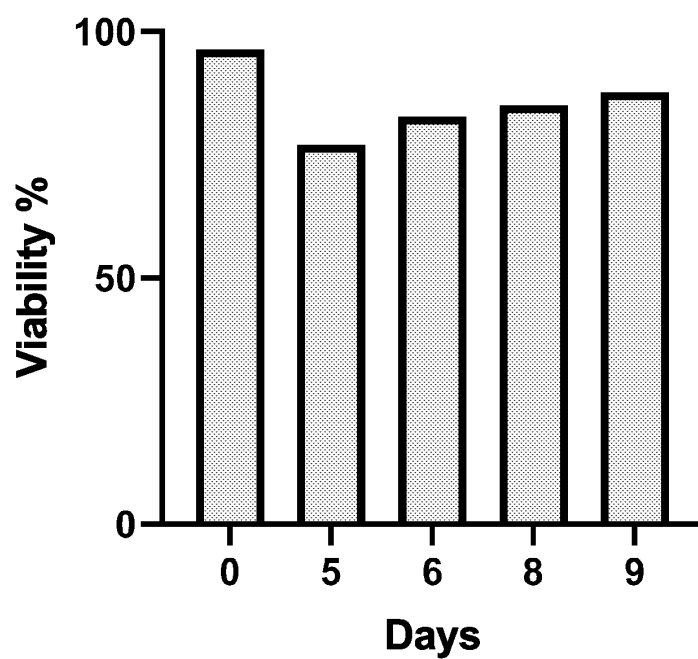


FIG. 8C

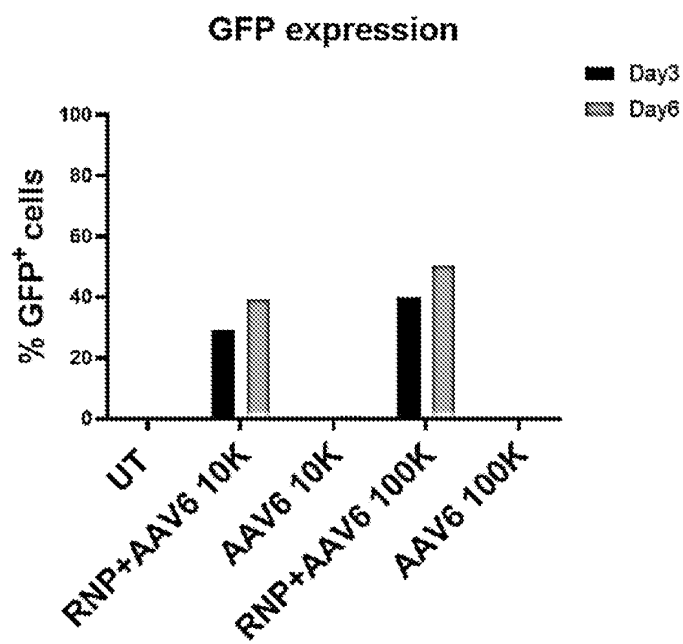


FIG. 9A

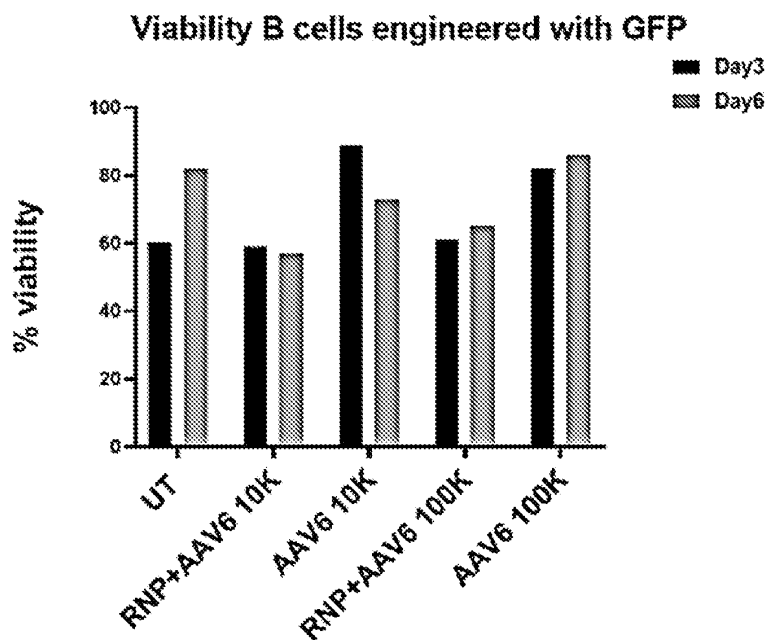
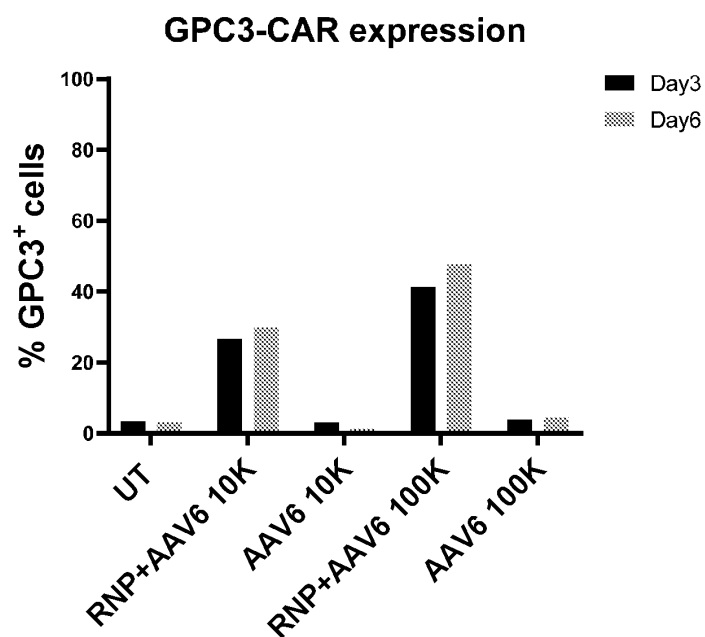
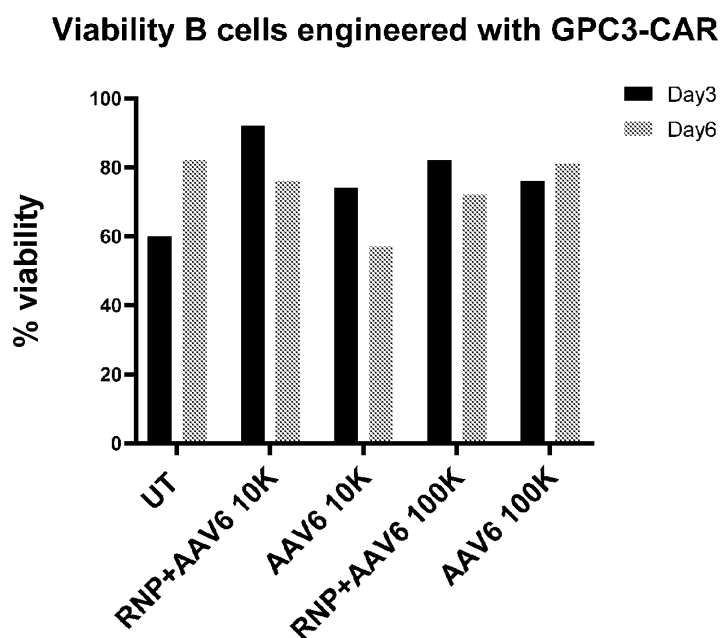


FIG. 9B

**FIG. 9C****FIG. 9D**

b2M-GFP, dsDNA alone 3ug

R3 - sample A6

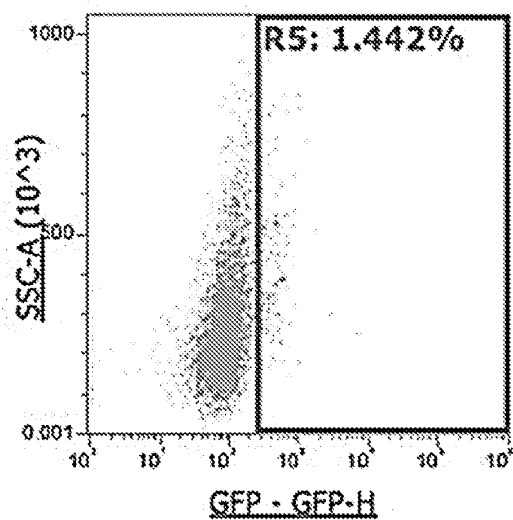


FIG. 10A

b2M-GFP, dsDNA 3 ug + RNP electroporation

R3 - sample B6

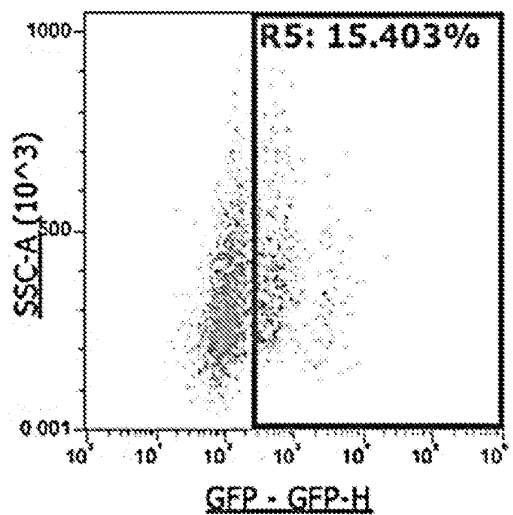


FIG. 10B

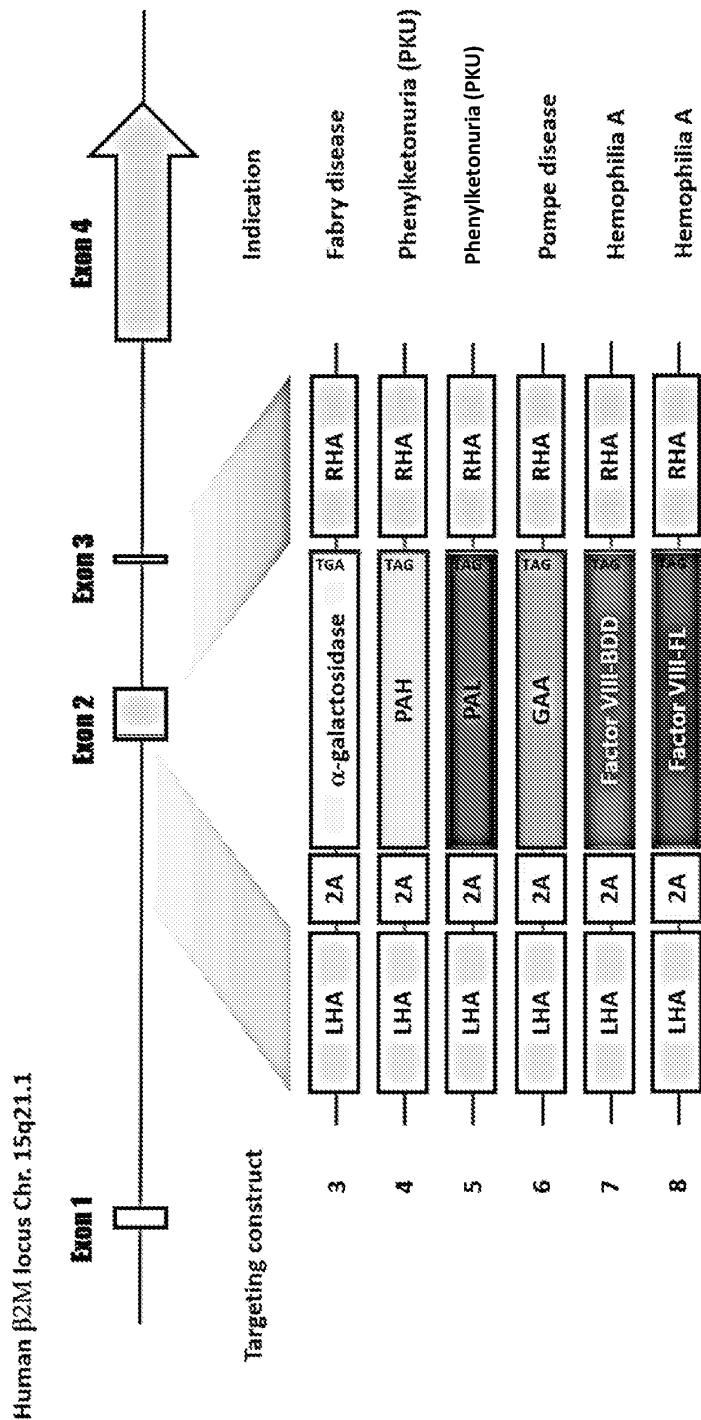


FIG. 11

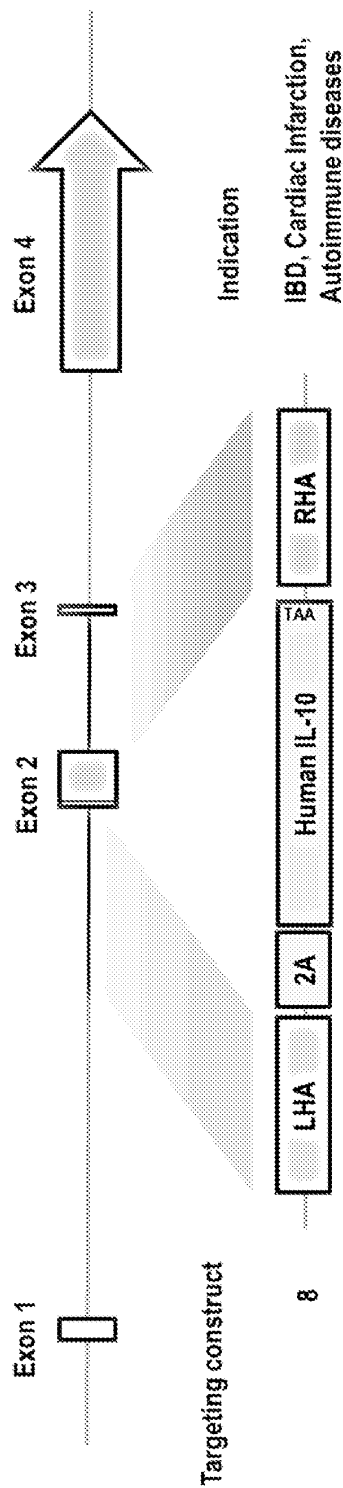


FIG. 12

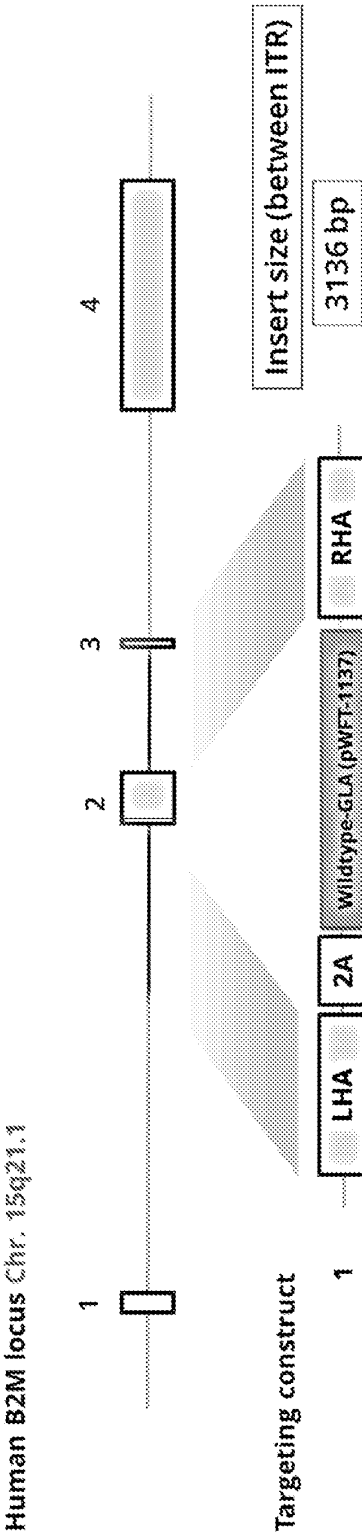
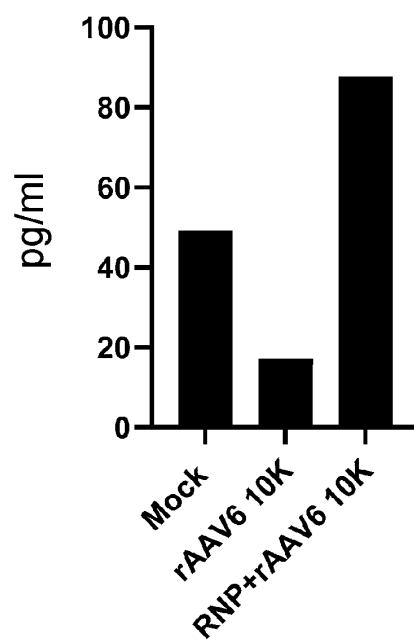
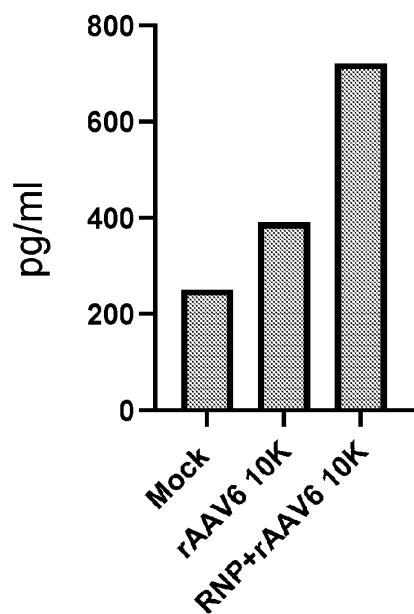


FIG. 13

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**GLA Secreted
ELISA****FIG. 14A****GLA Intracellular
ELISA****FIG. 14B**