

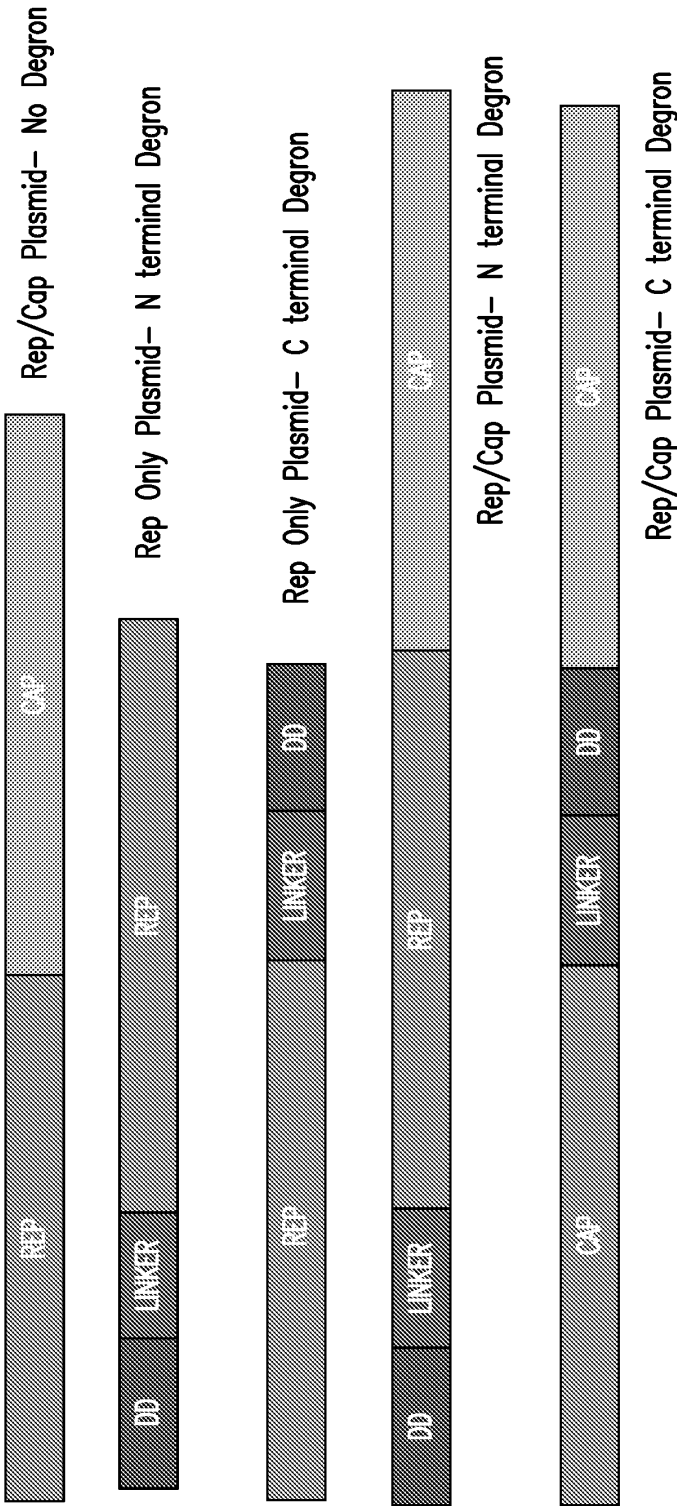


FIG. 1

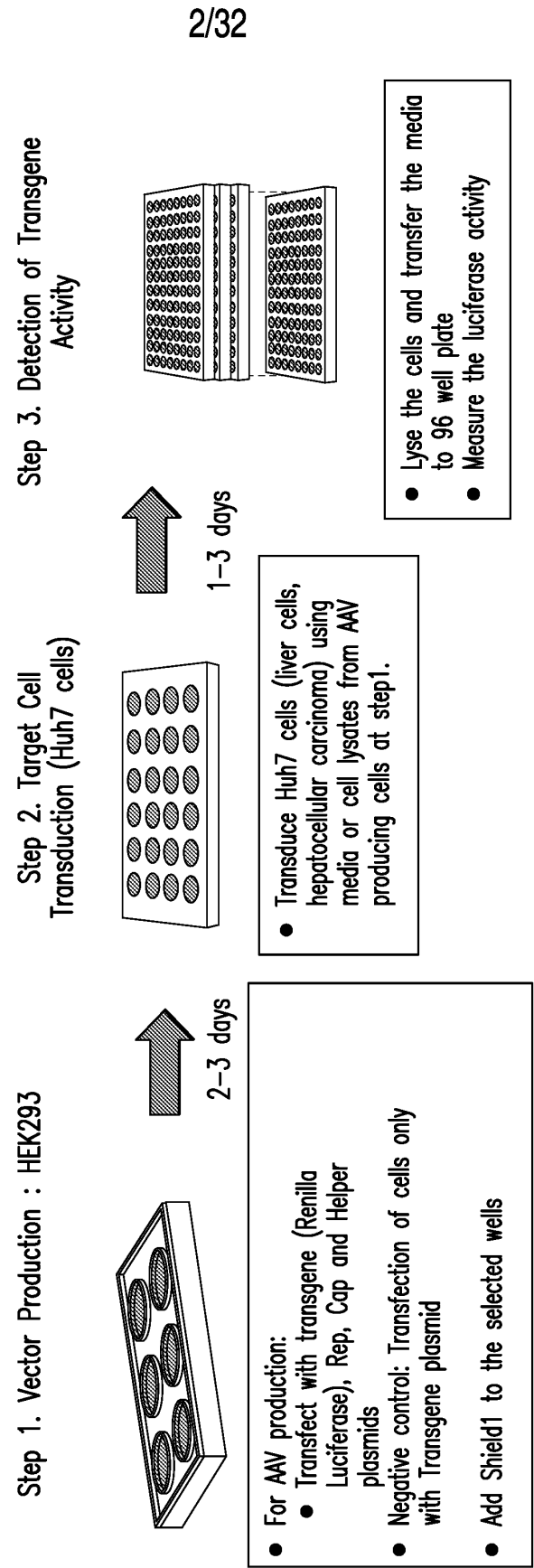


FIG. 2

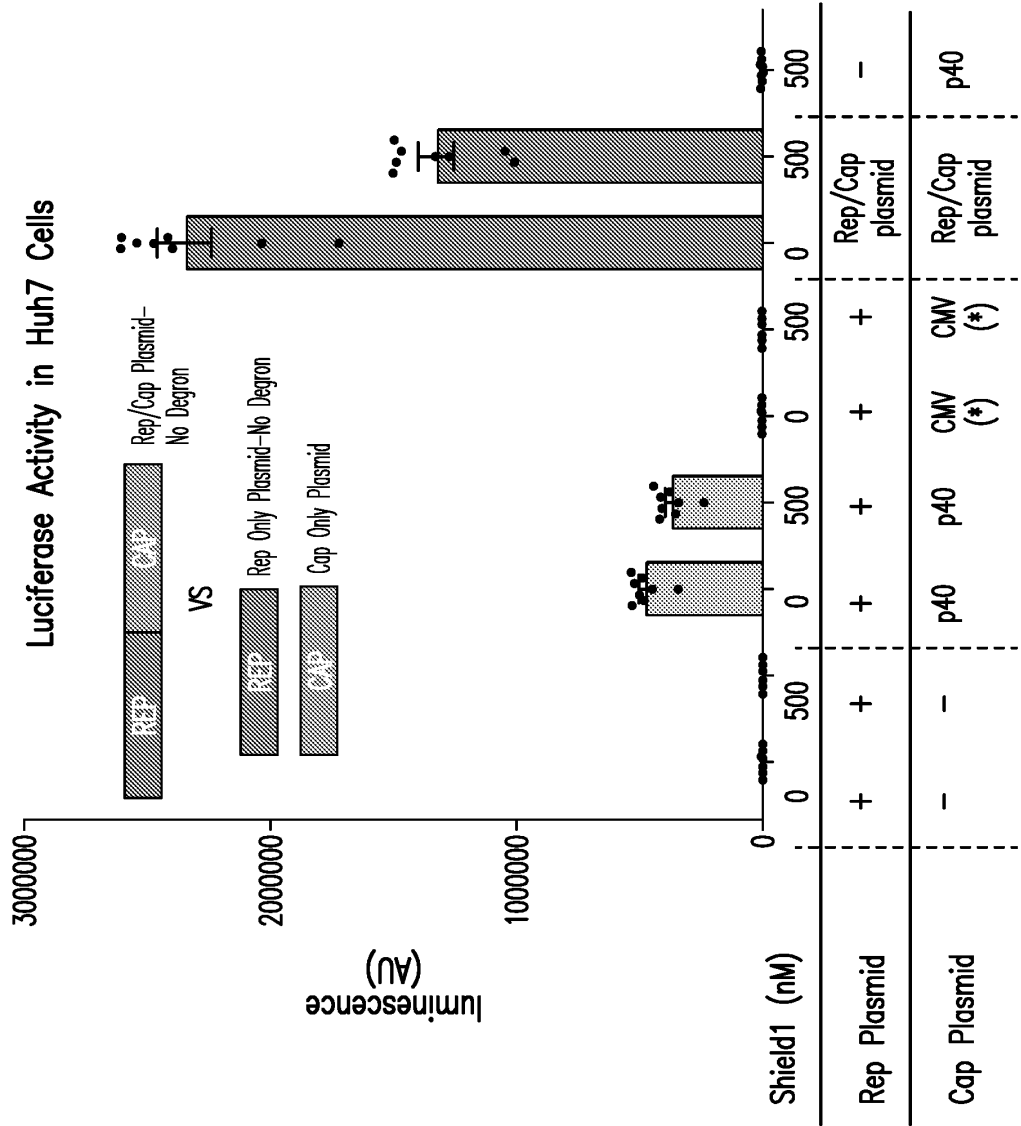


FIG. 3

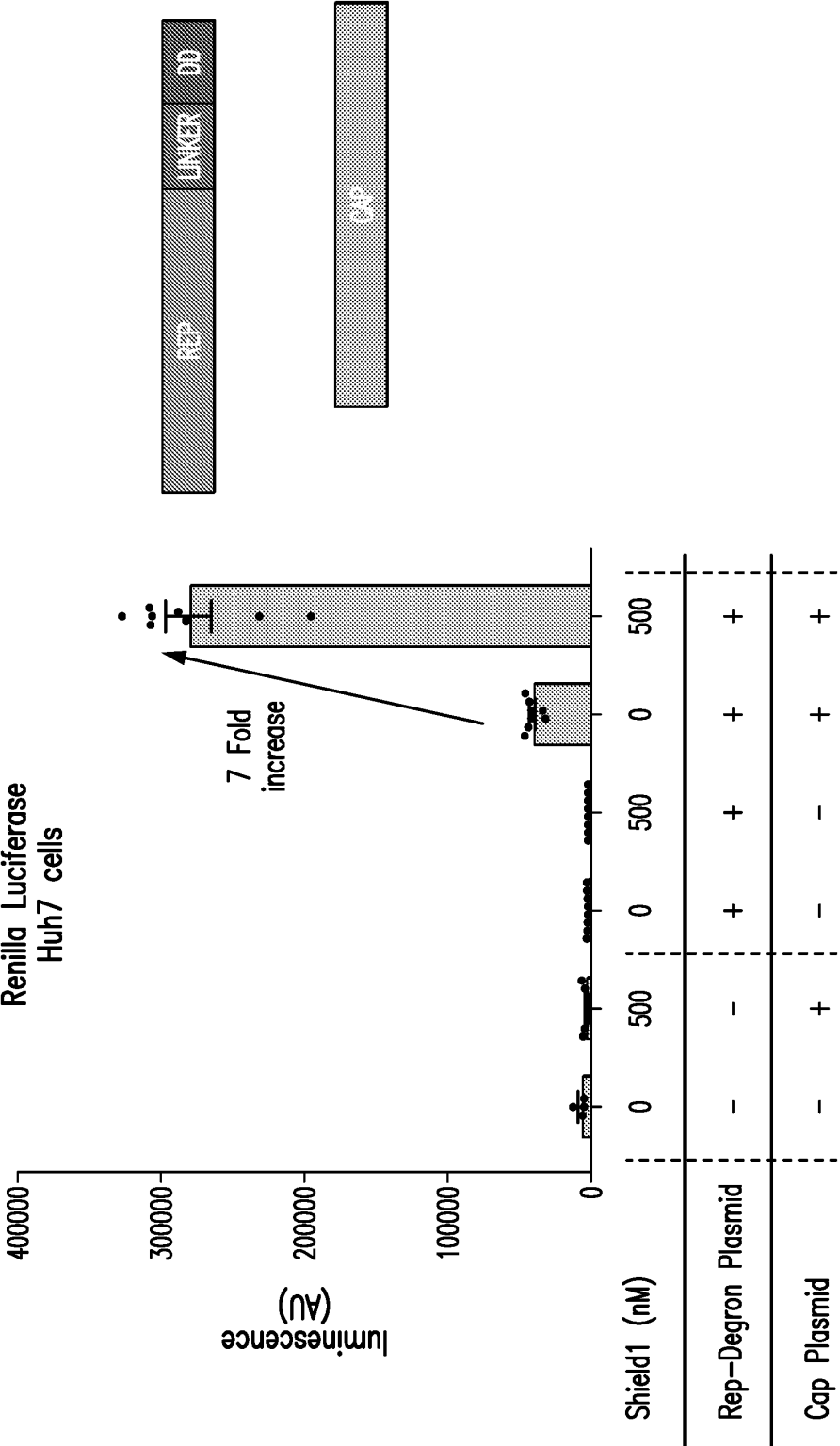


FIG. 4

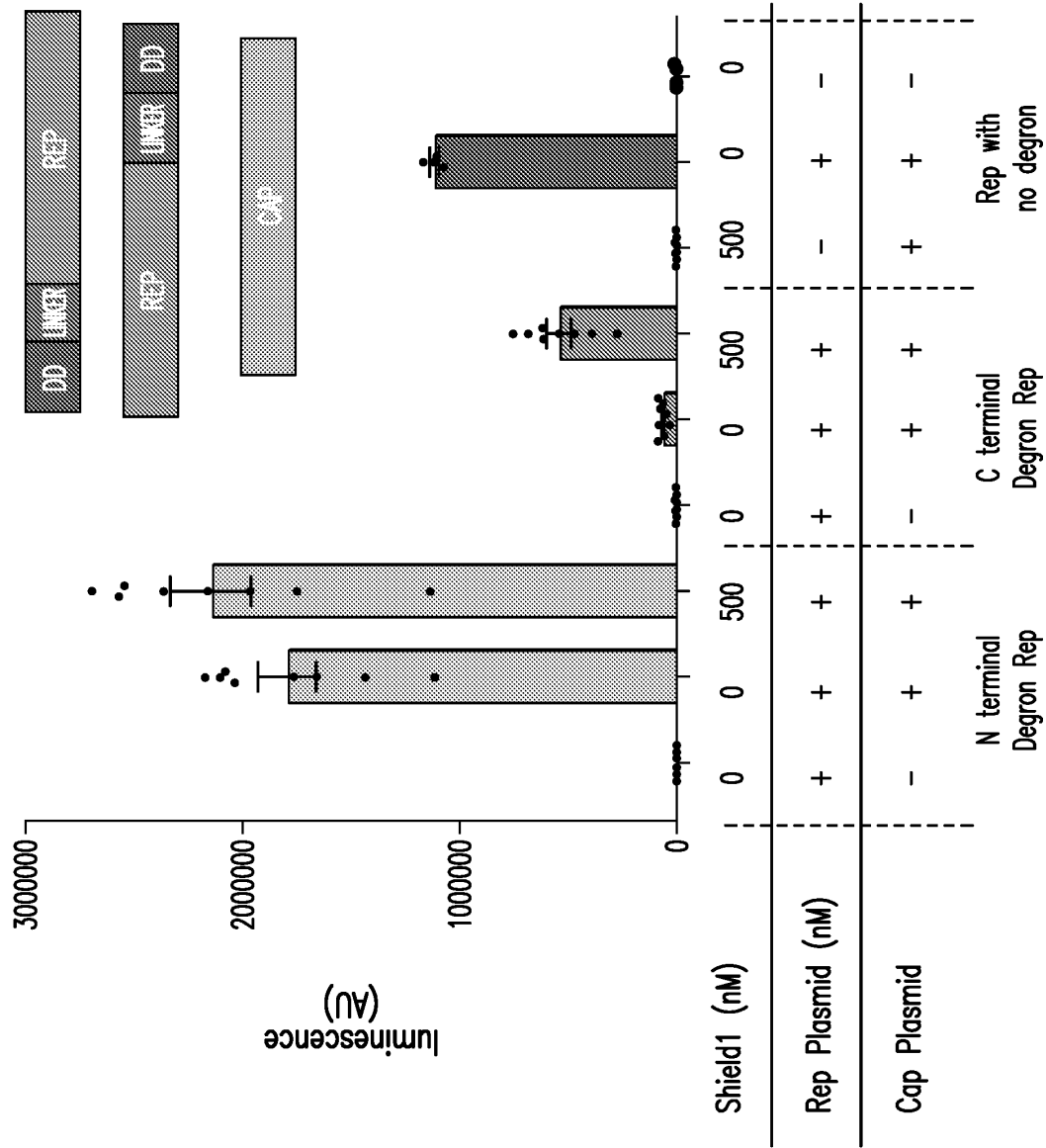


FIG. 5

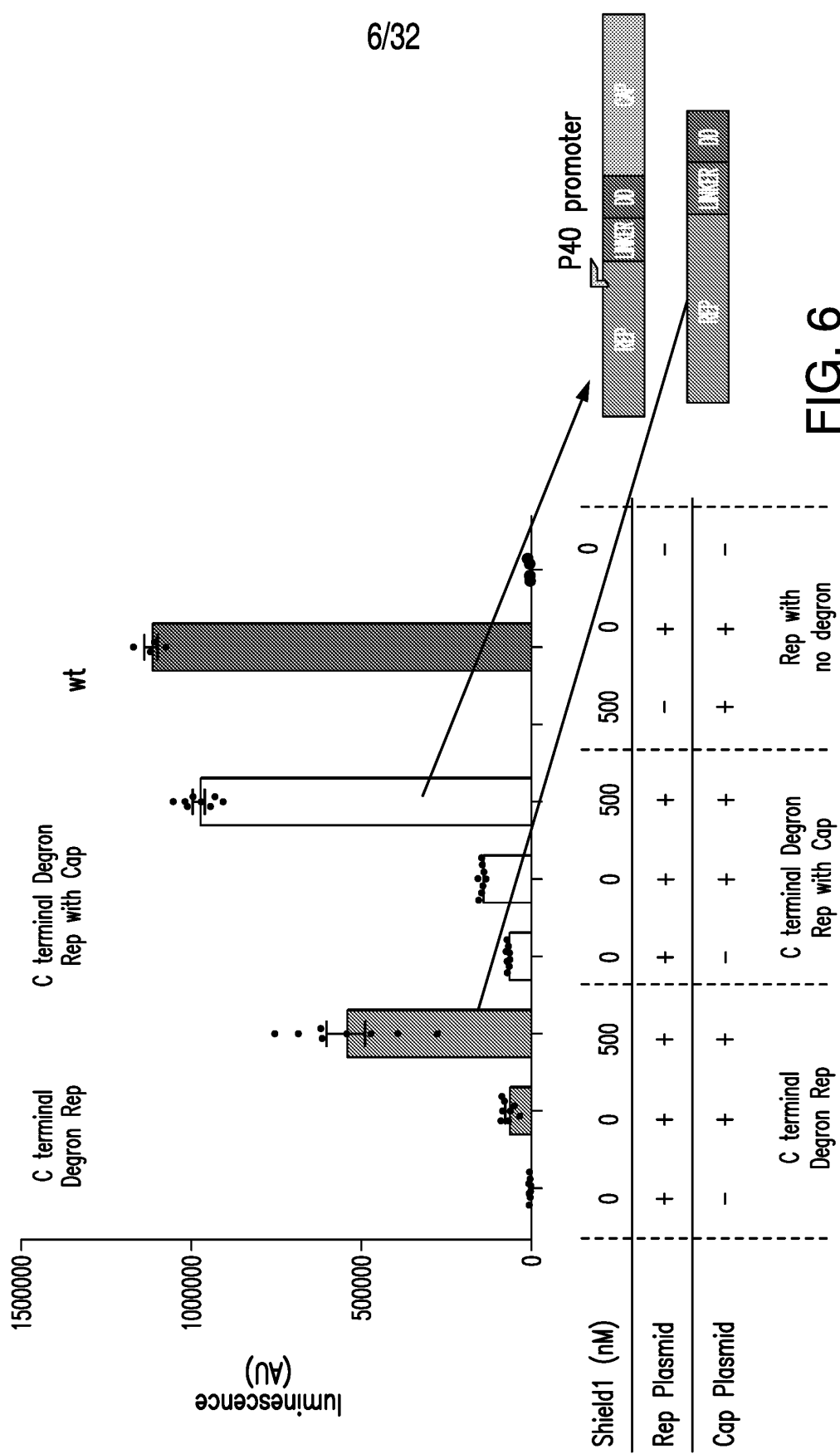
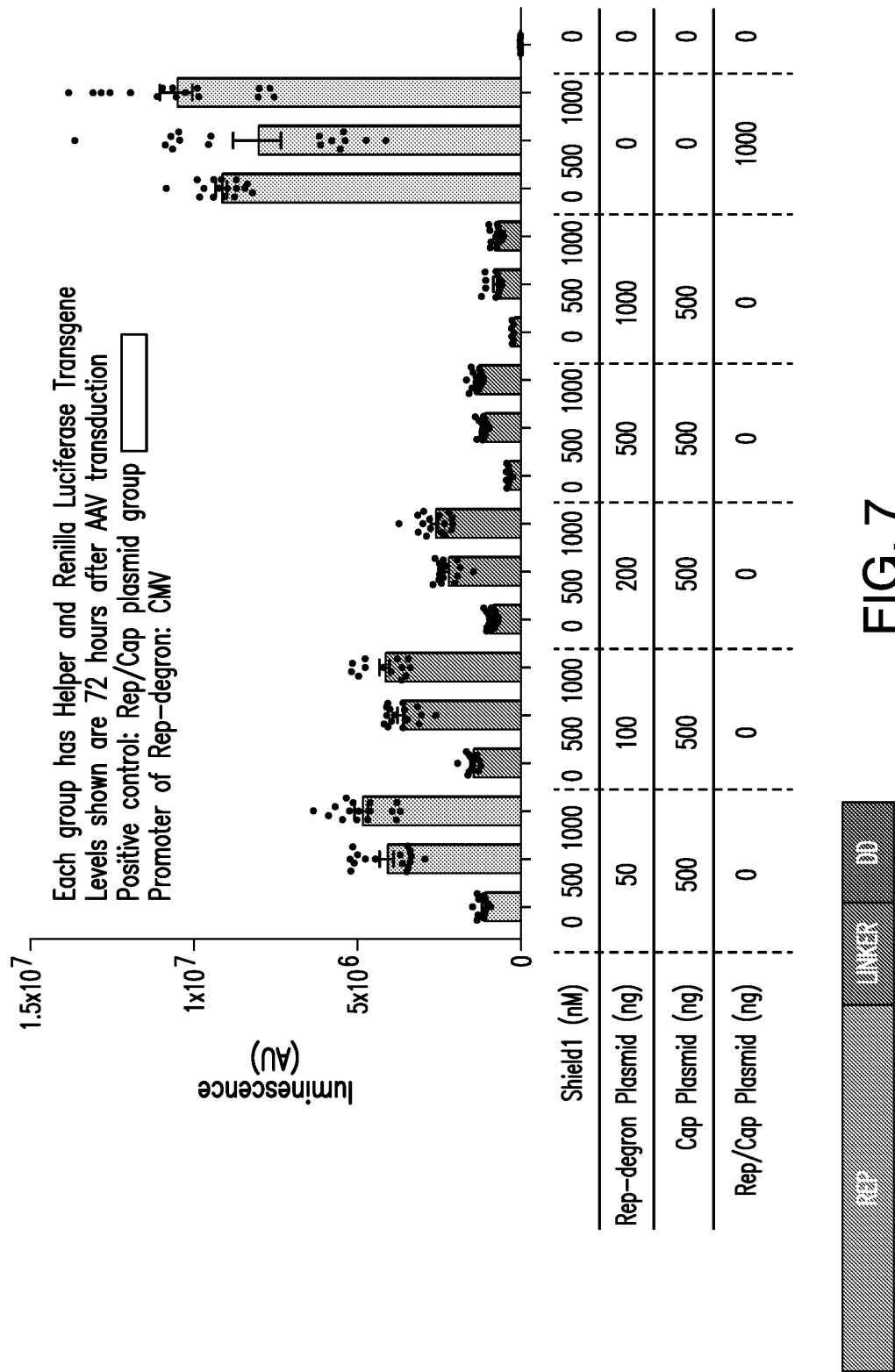
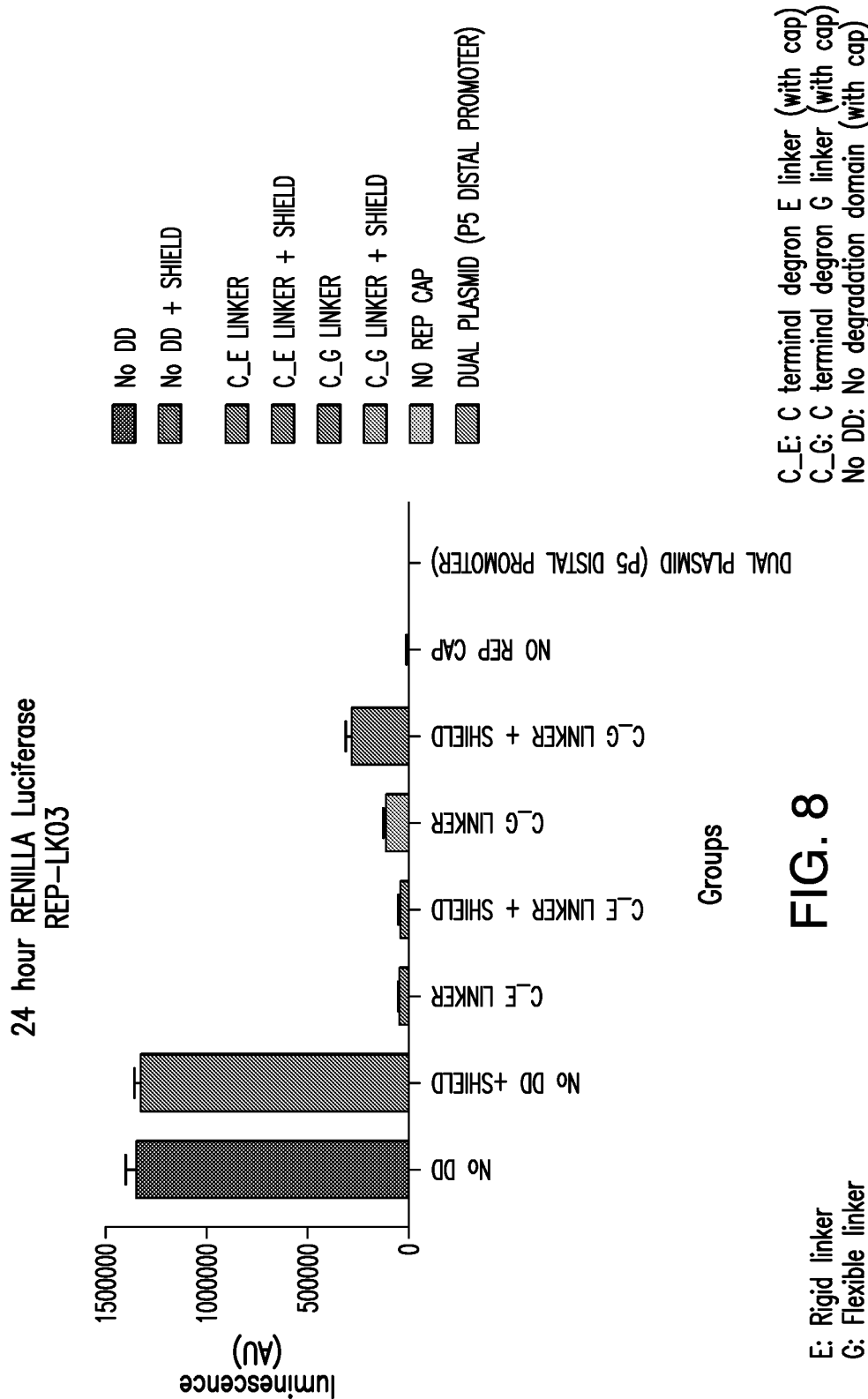


Fig. 6





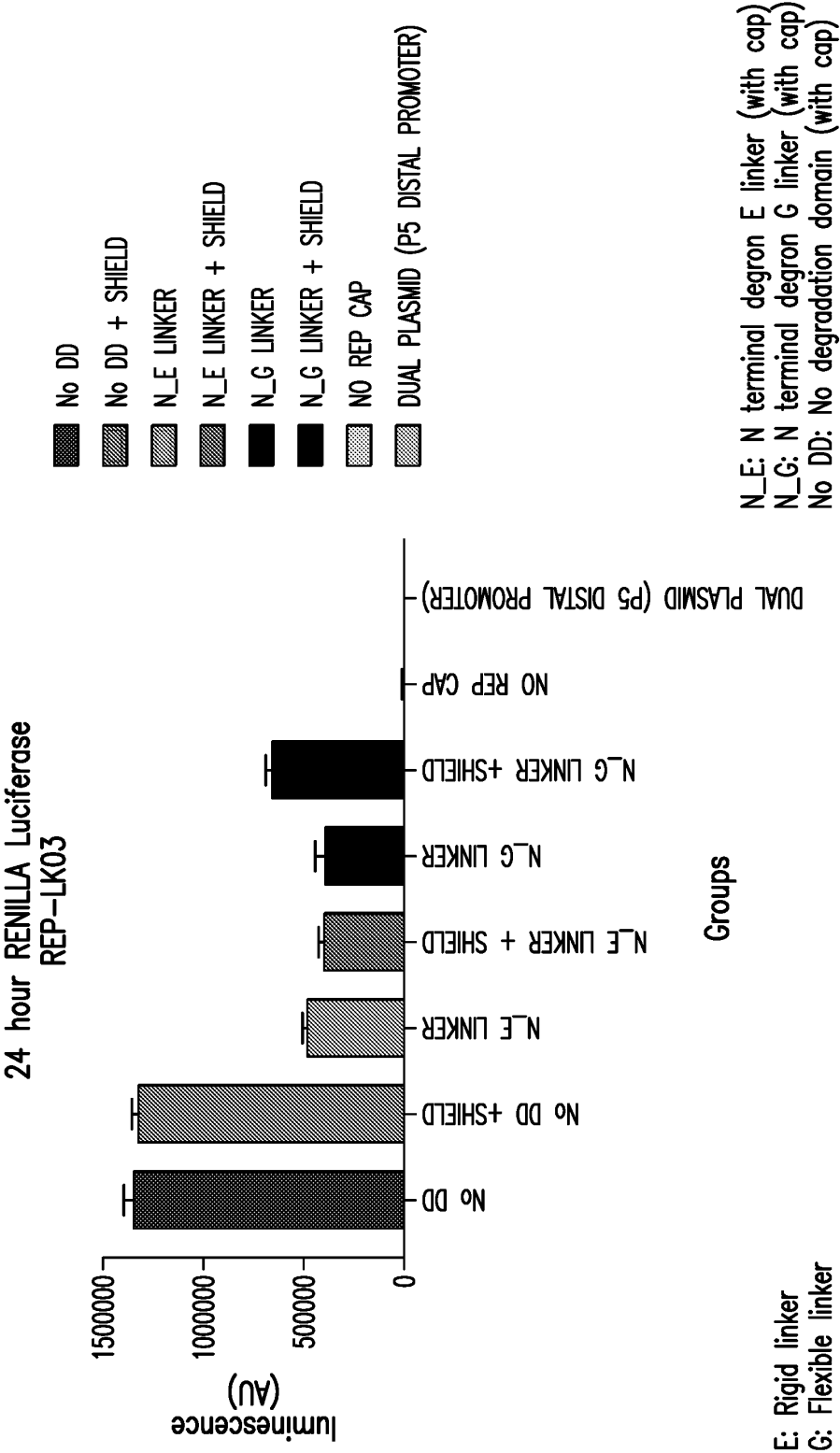


FIG. 9

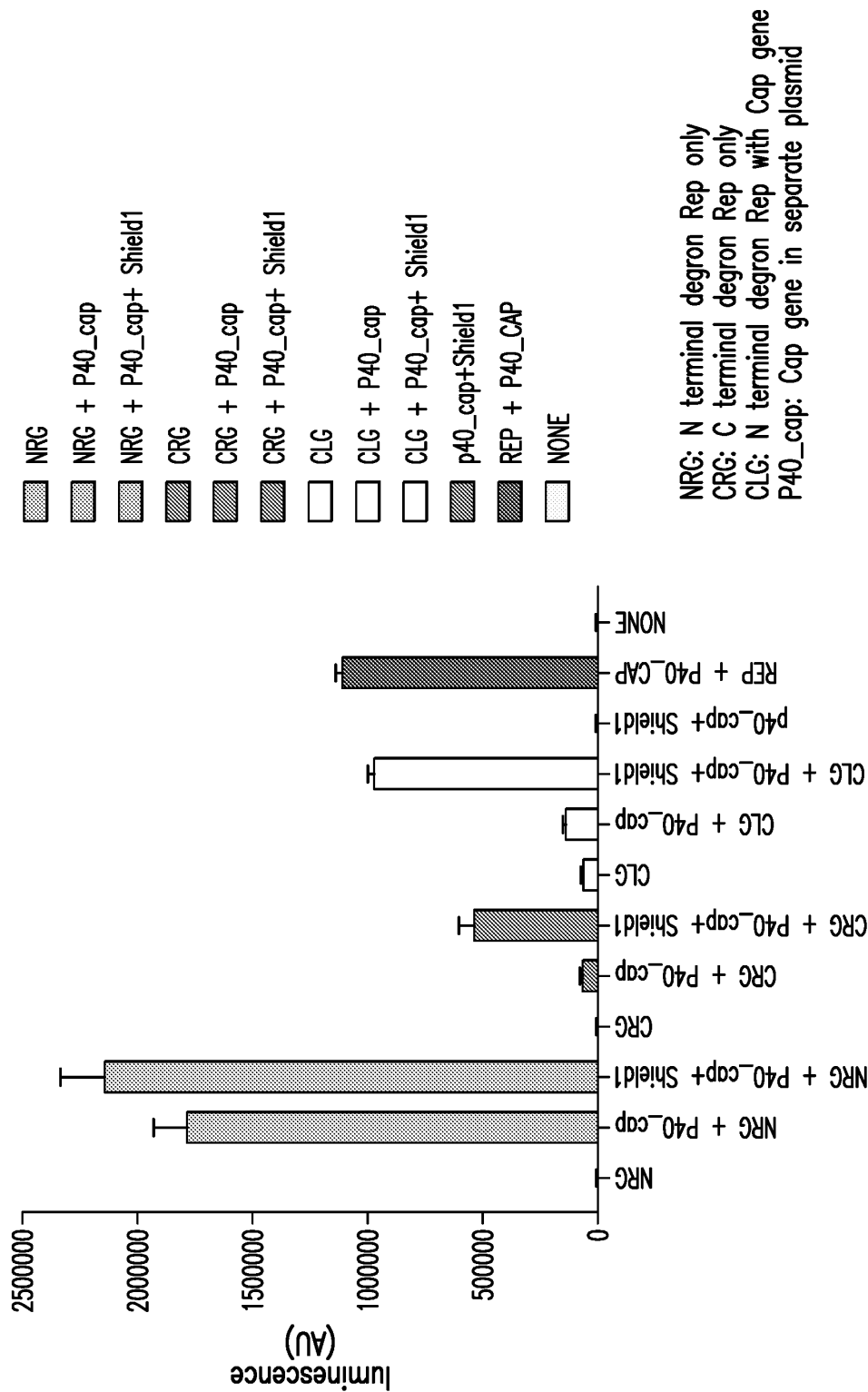
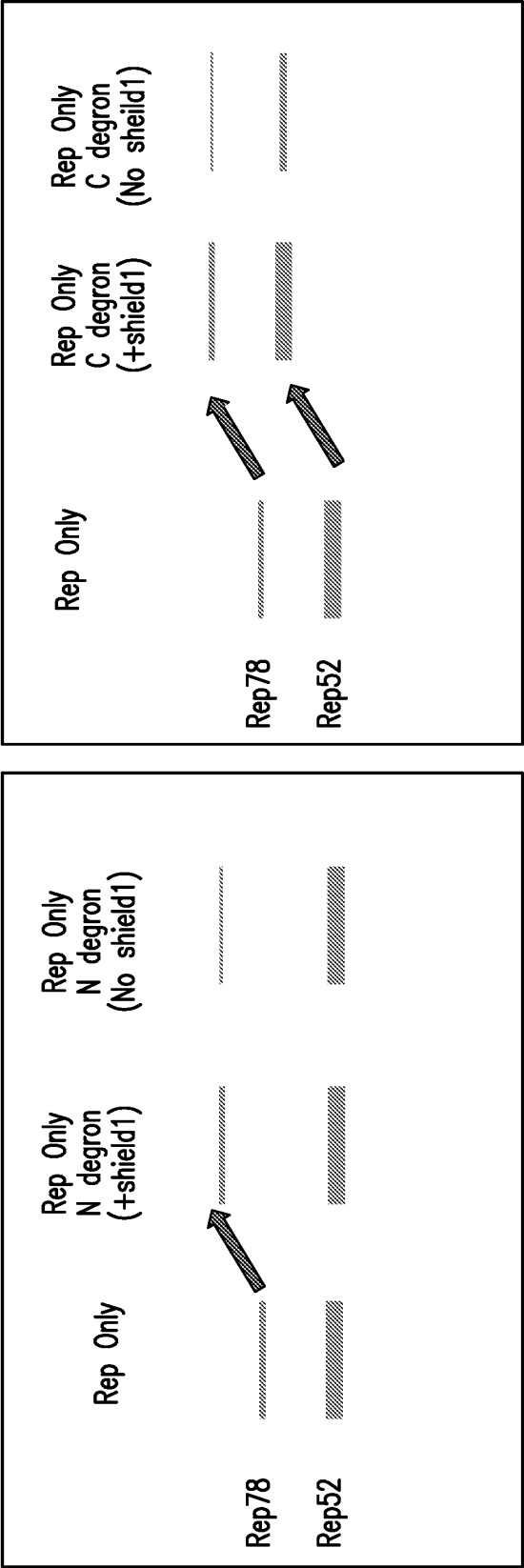


FIG. 10

Expected Rep size shifts from western blot upon degon (12 kD) addition



Both Large and Rep shifts up (larger size)
Without Shield1, degon degrades both the large and small
reps

FIG. 11

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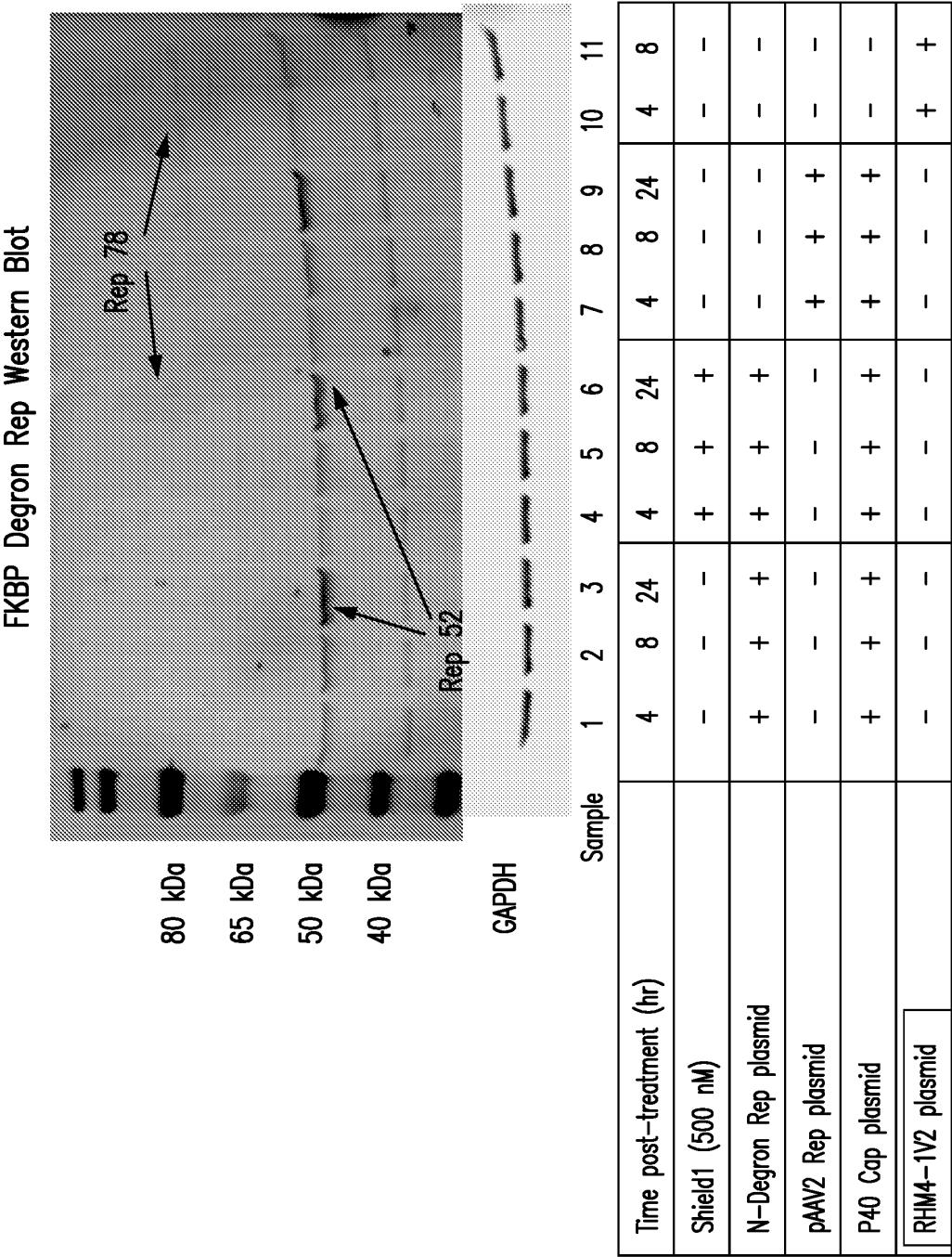


FIG. 12A

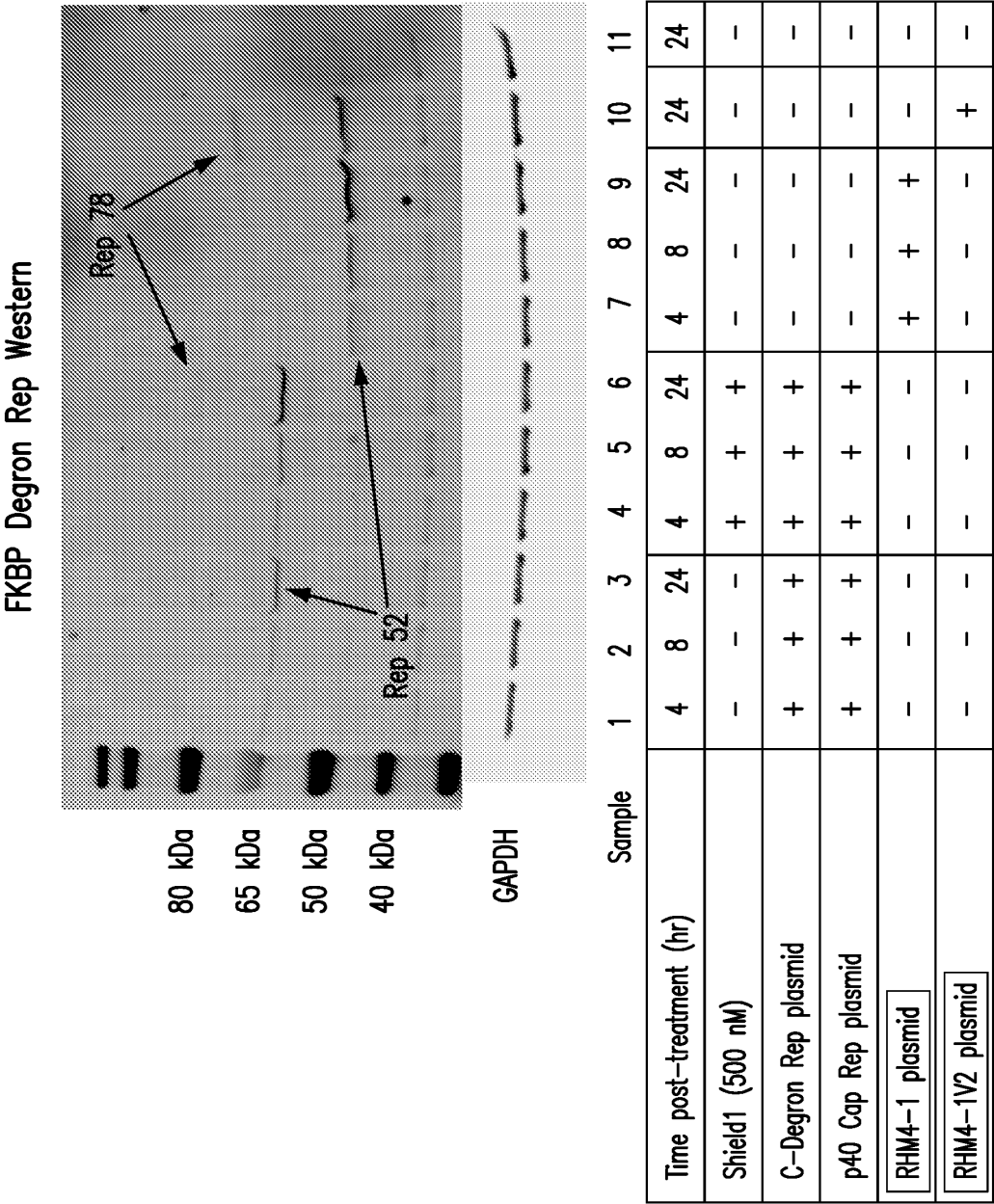
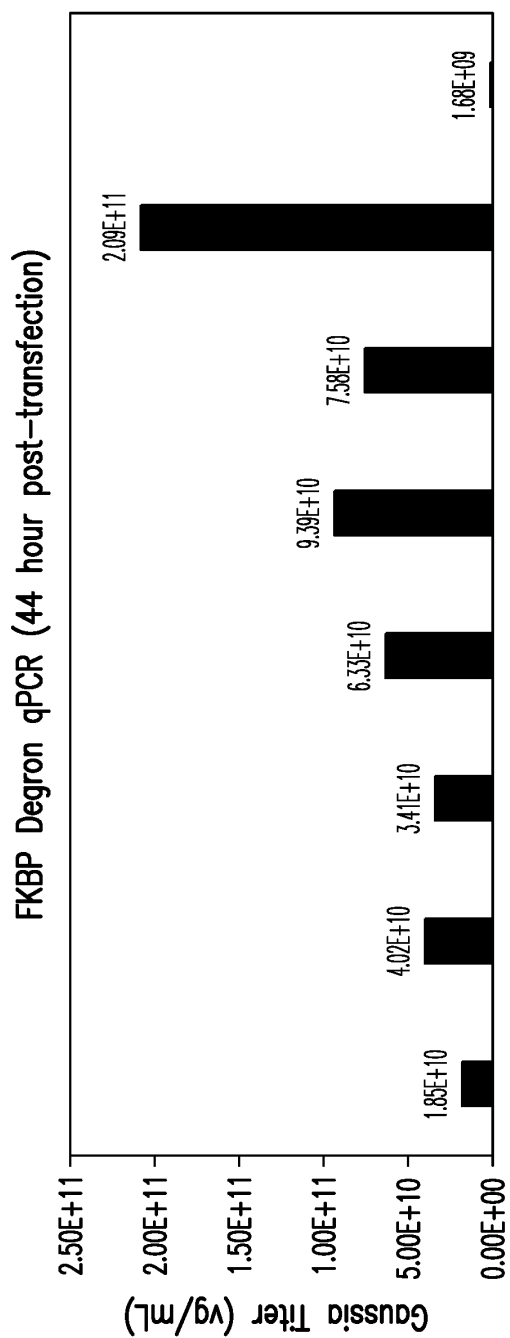


FIG. 12B



Shield1 (500 nM)	-	+	-	+	-	-	-	-
N-Degron Rep plasmid	+	+	-	-	-	-	-	-
C-Degron Rep plasmid	-	-	+	+	-	-	-	-
pAAV2 Rep plasmid	-	-	-	-	+	-	-	-
P40 Cap plasmid	+	+	+	+	+	-	-	-
RHM4-1 plasmid	-	-	-	-	-	+	-	-
RHM4-1V2 plasmid	-	-	-	-	-	-	+	-

FIG. 12C

Rep constructs with Degron: Different Rep/Cap ratios

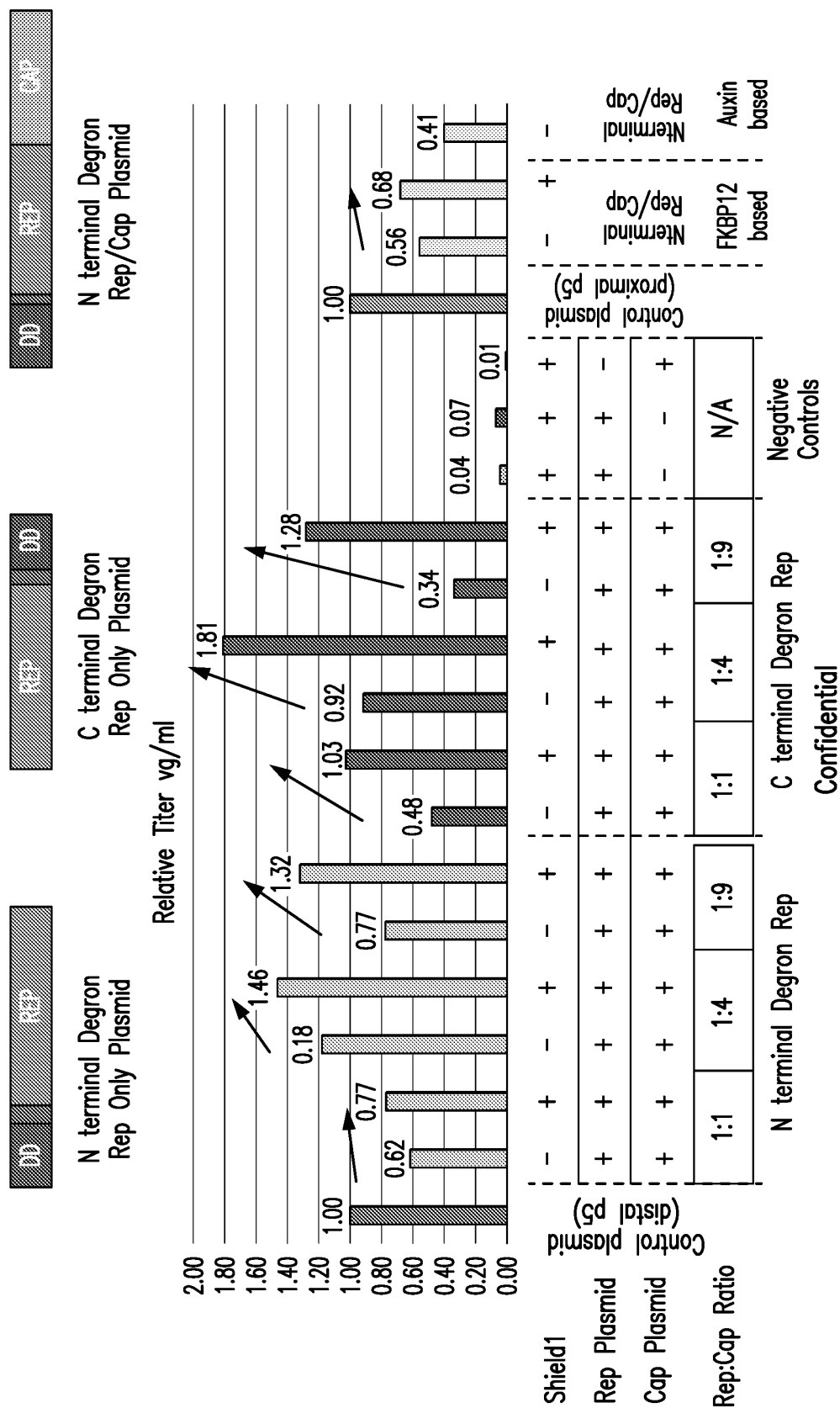
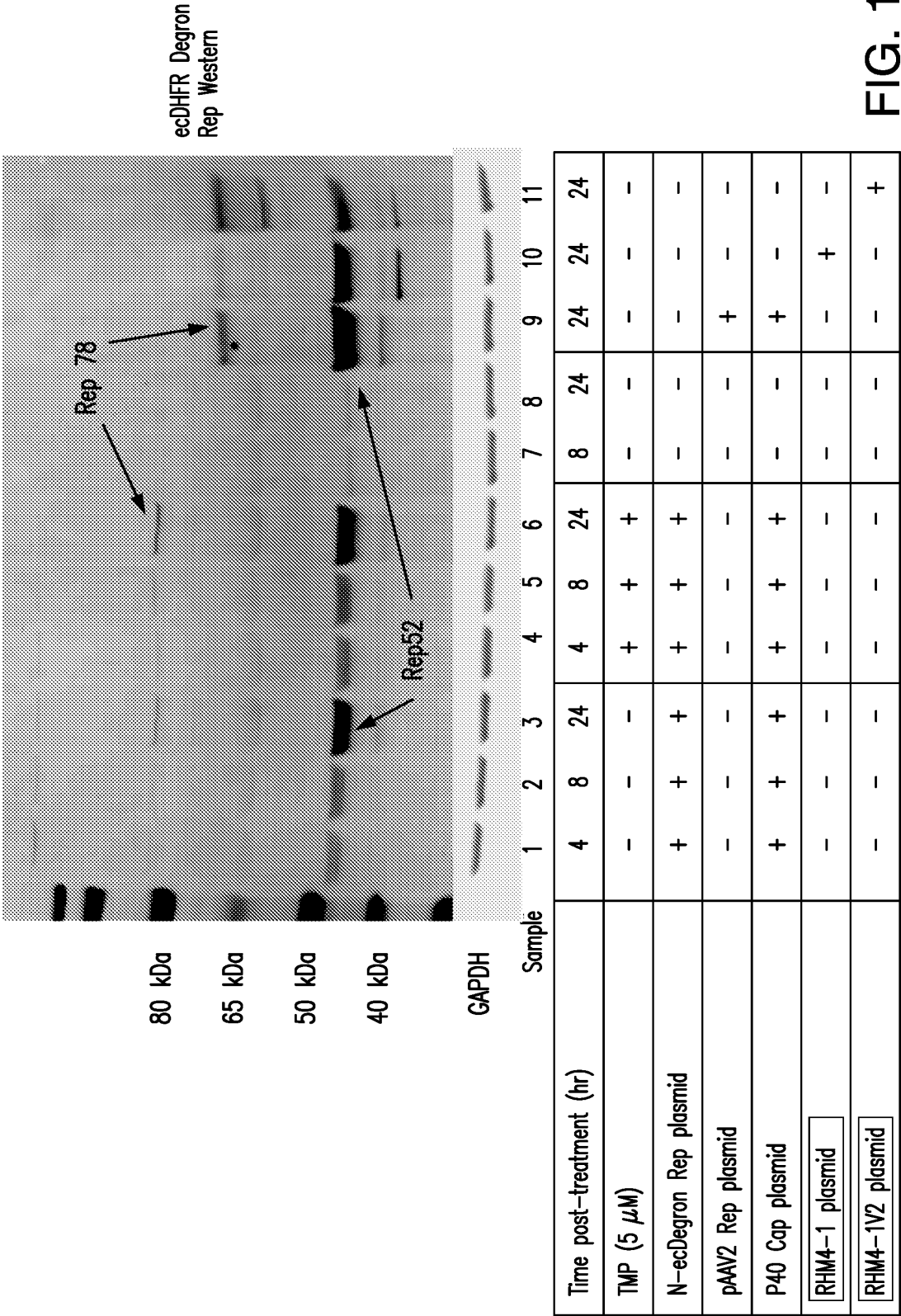
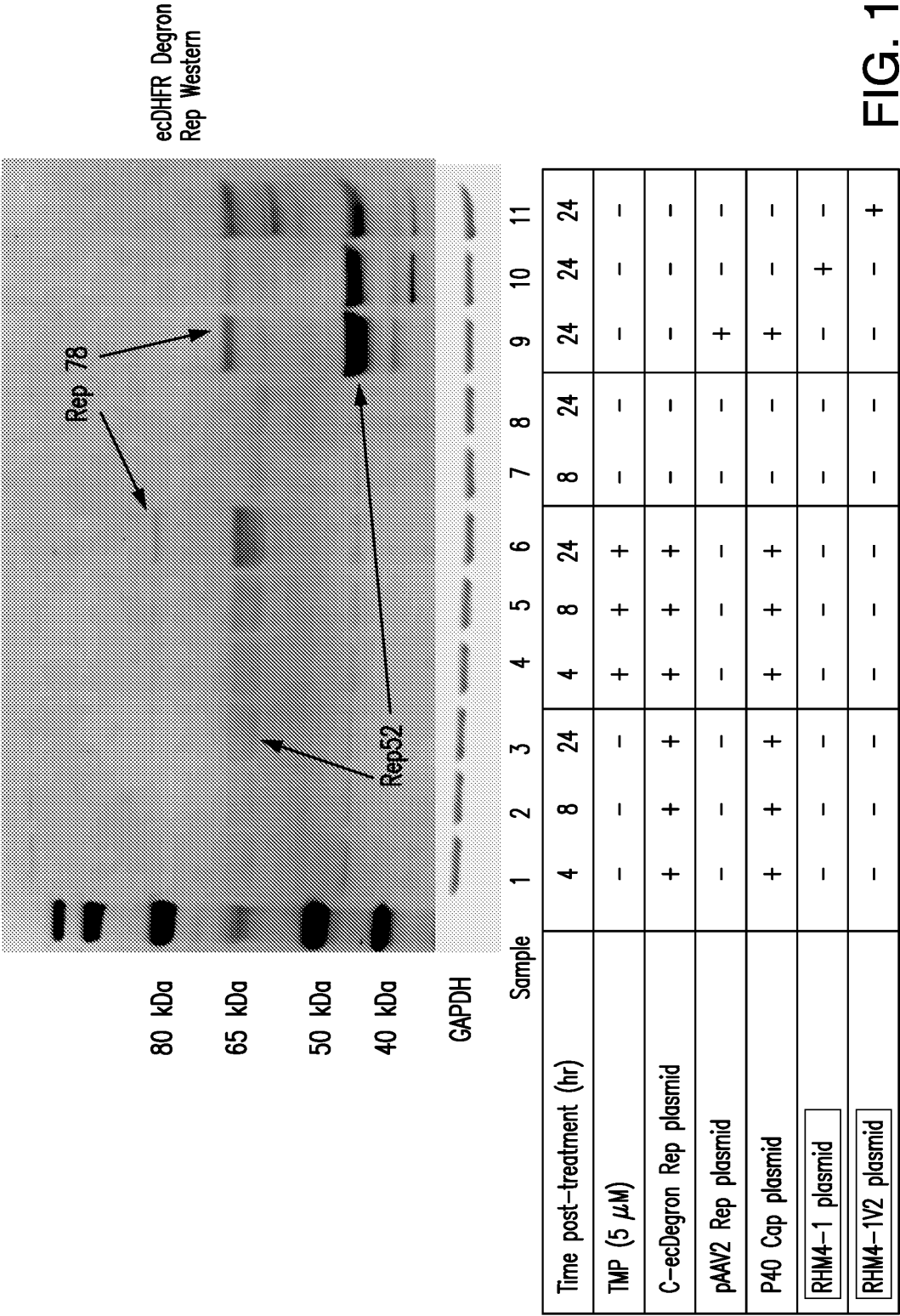


FIG. 12D





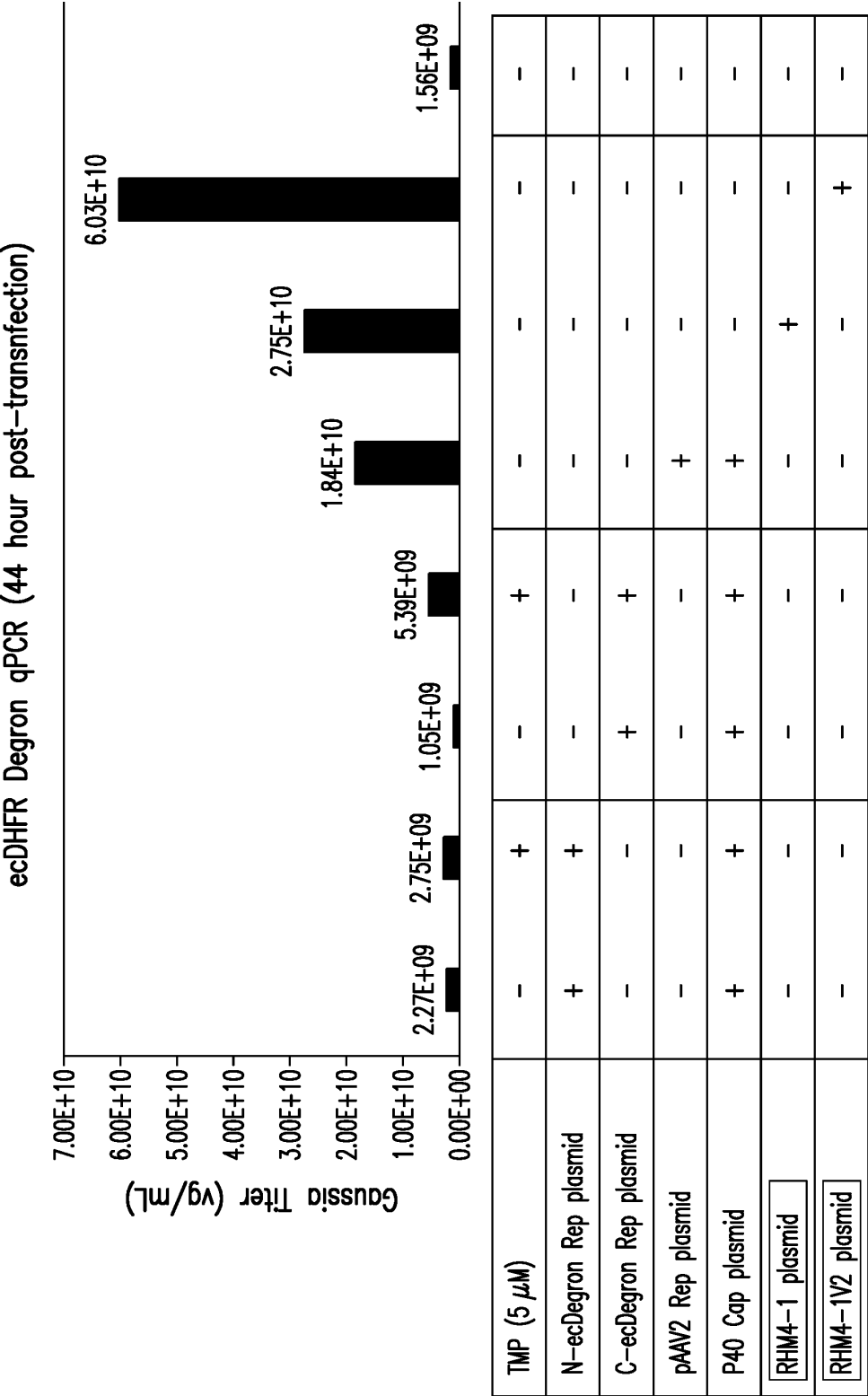
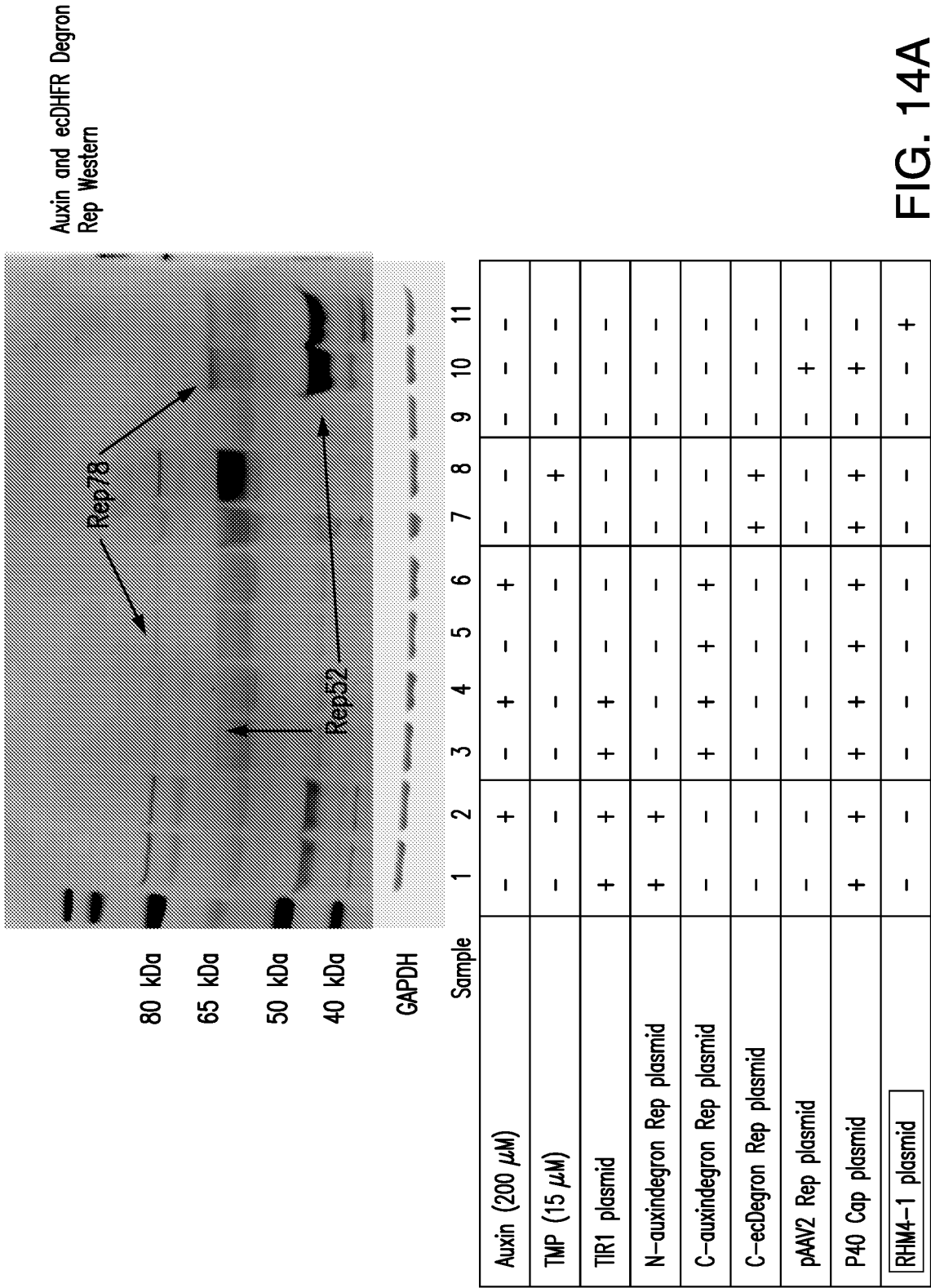


FIG. 13C



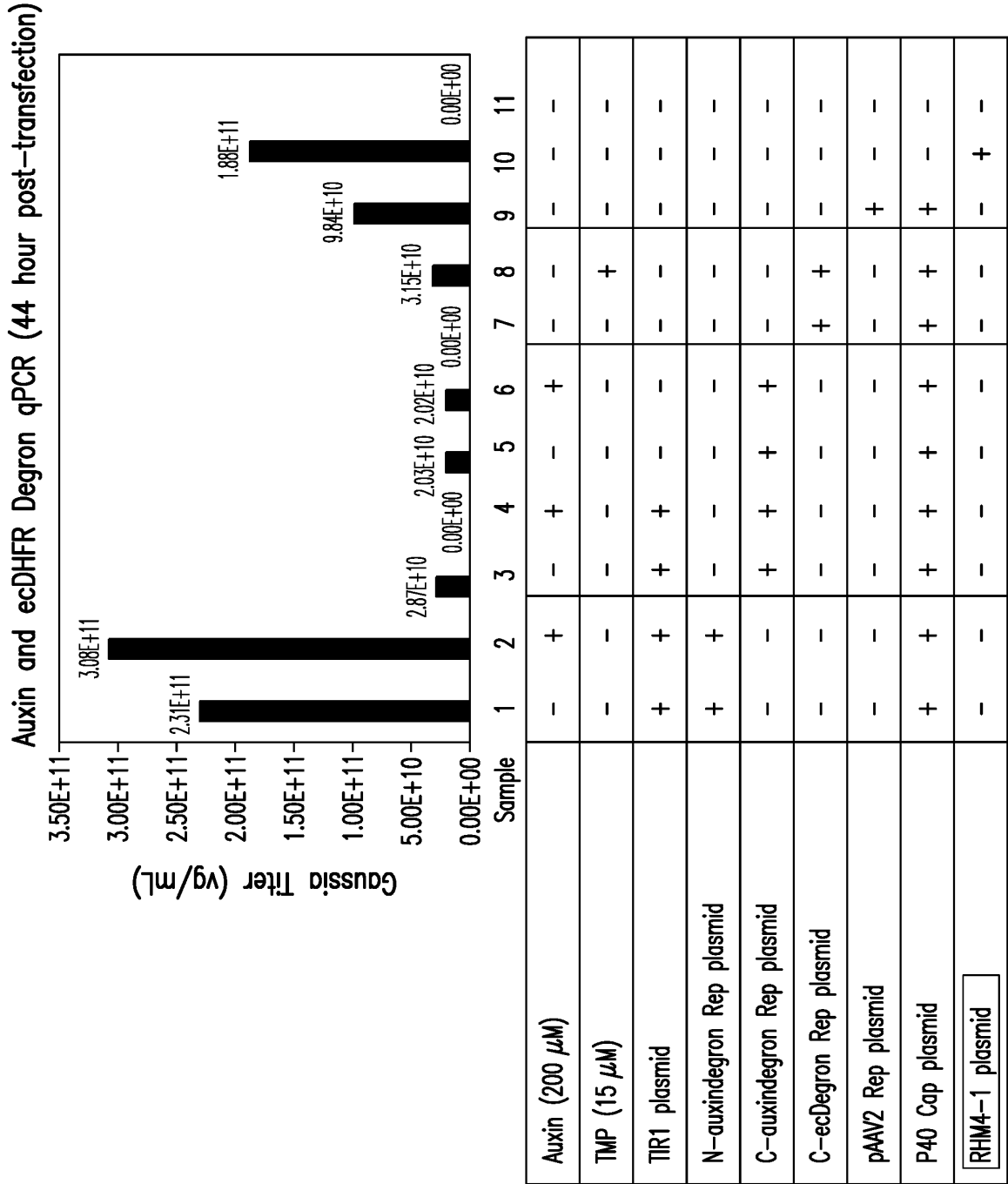


FIG. 14B

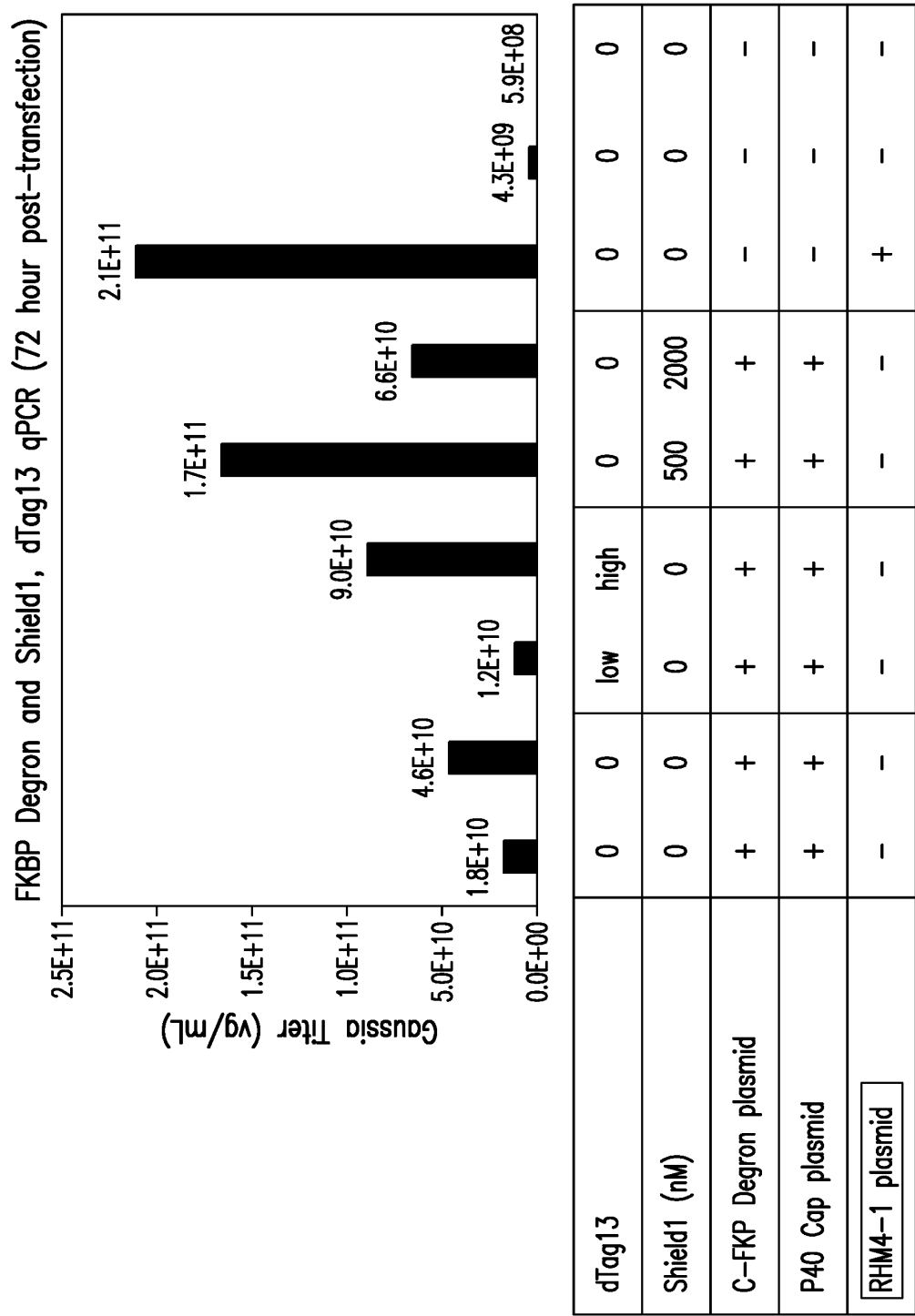
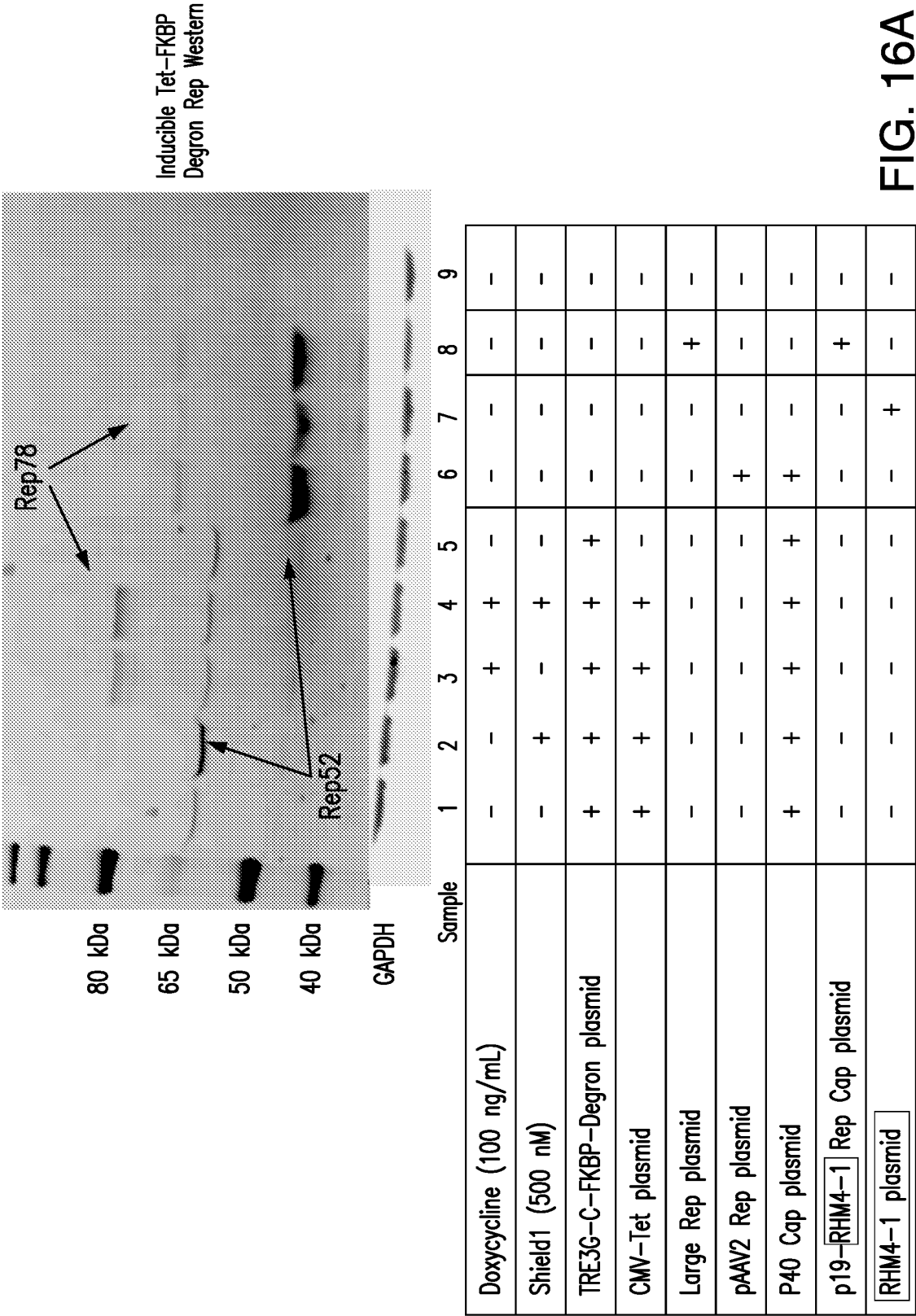


FIG. 15



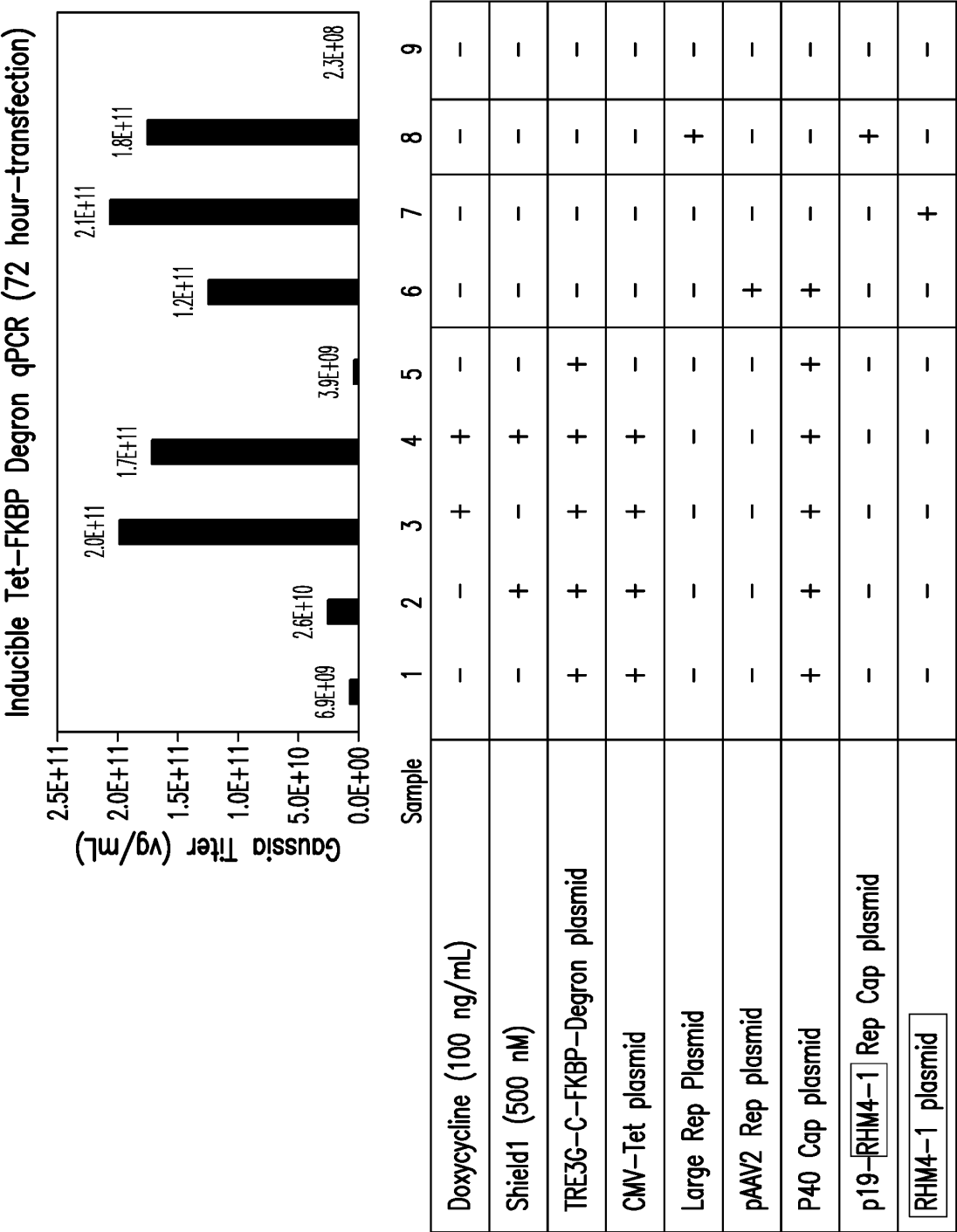
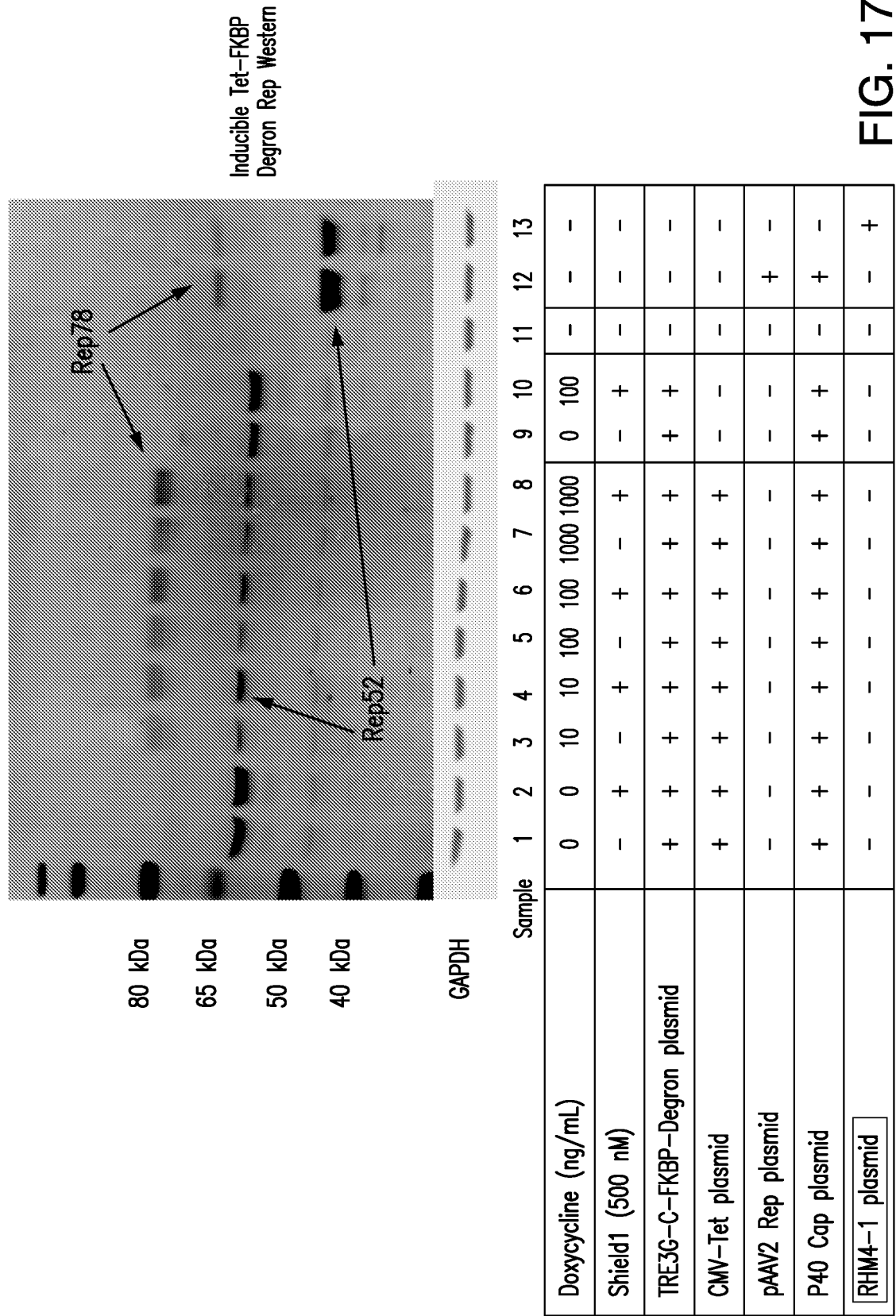
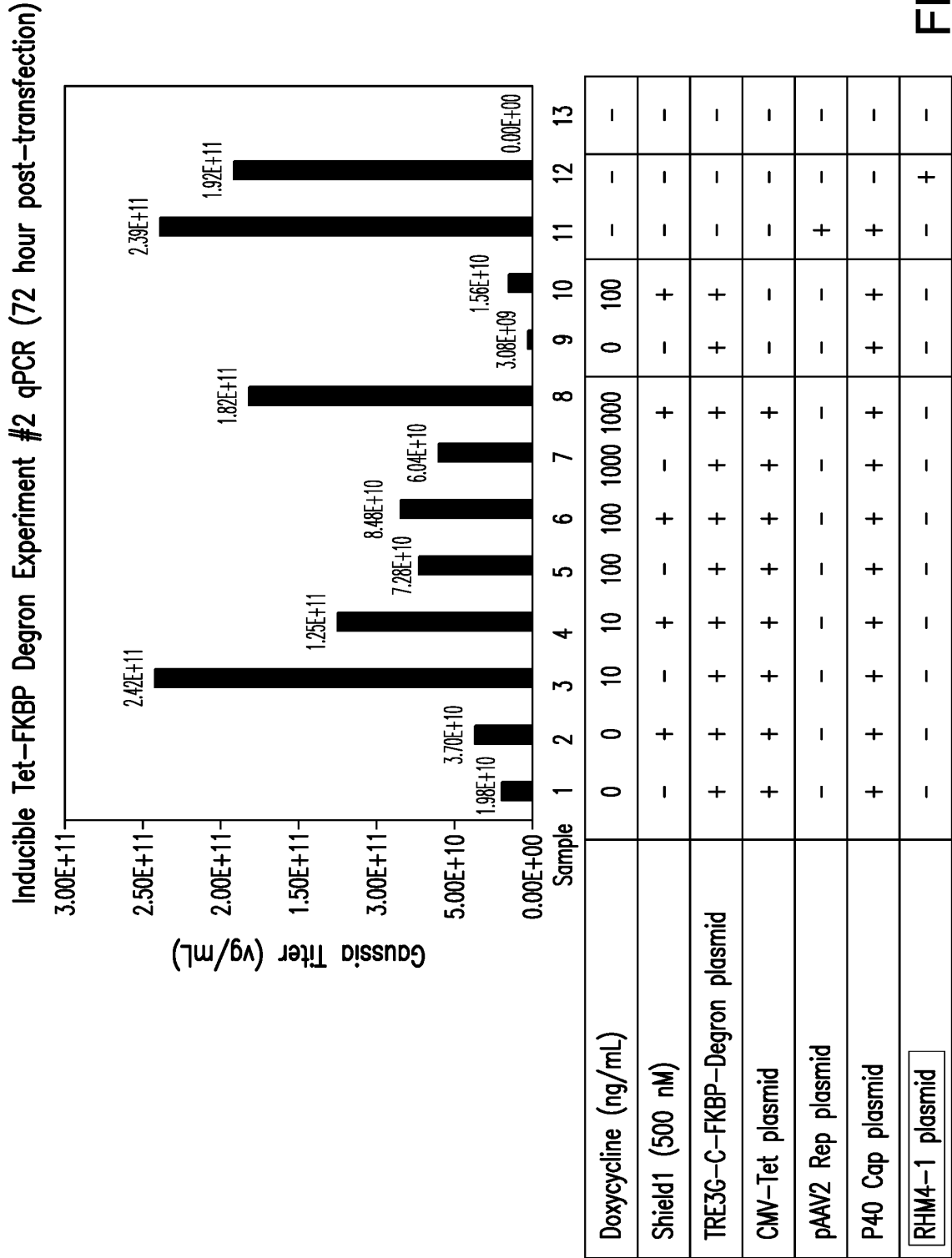


FIG. 16B

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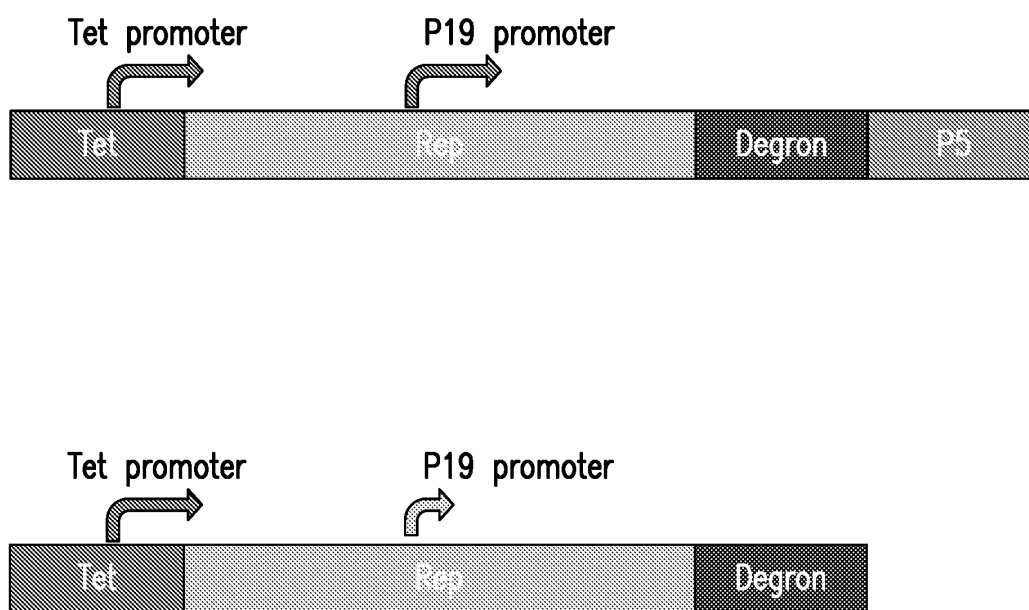
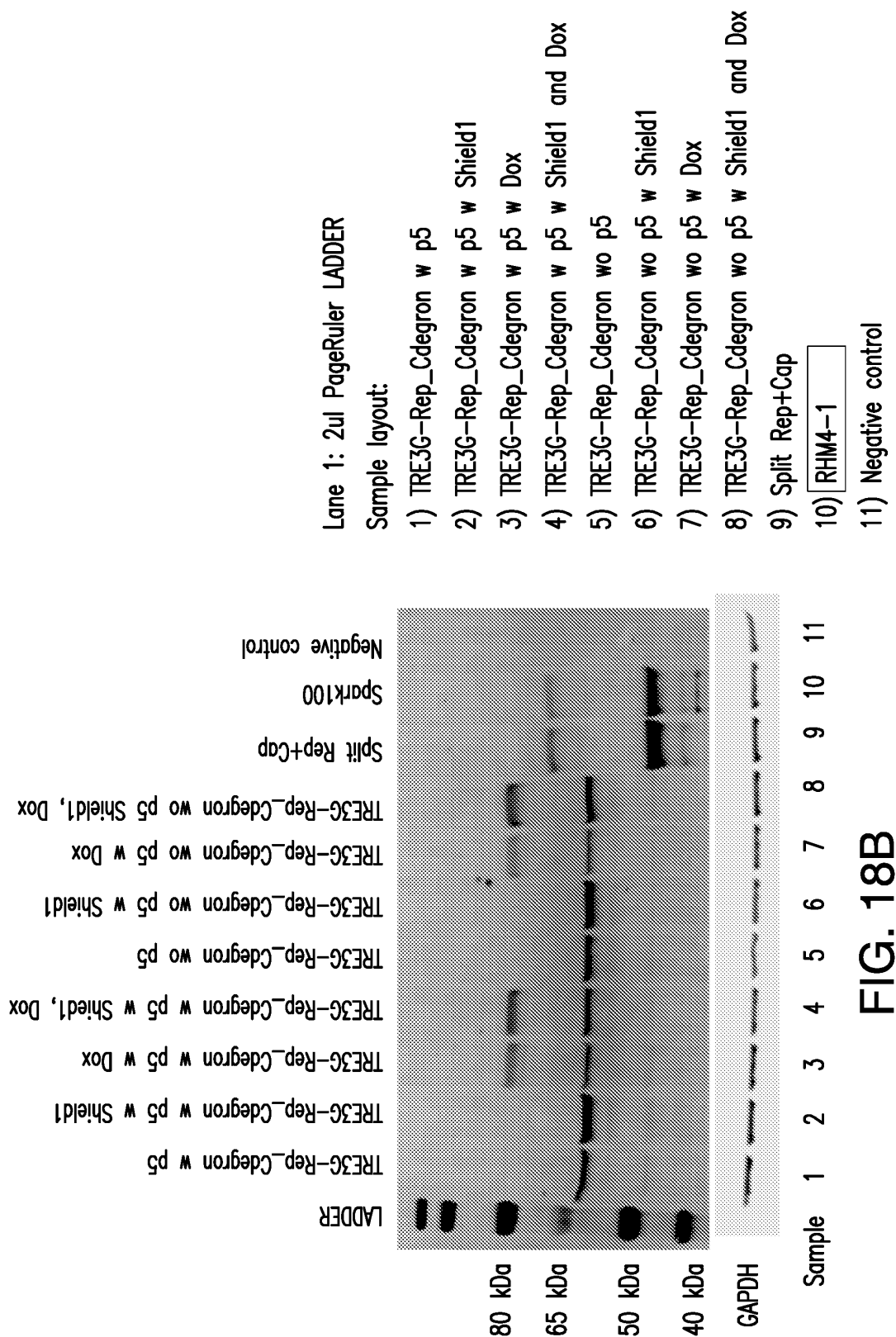


FIG. 18A



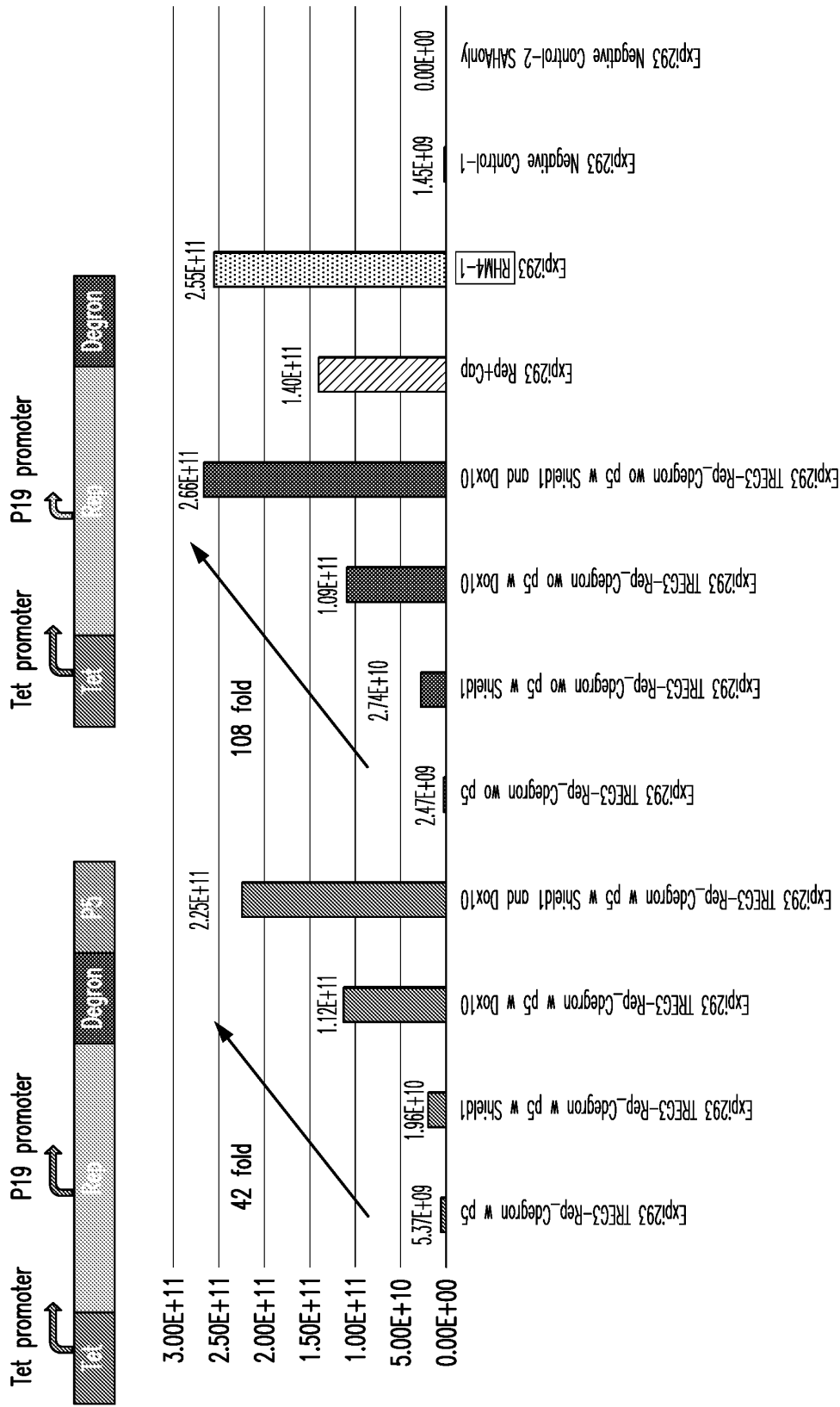


FIG. 18C

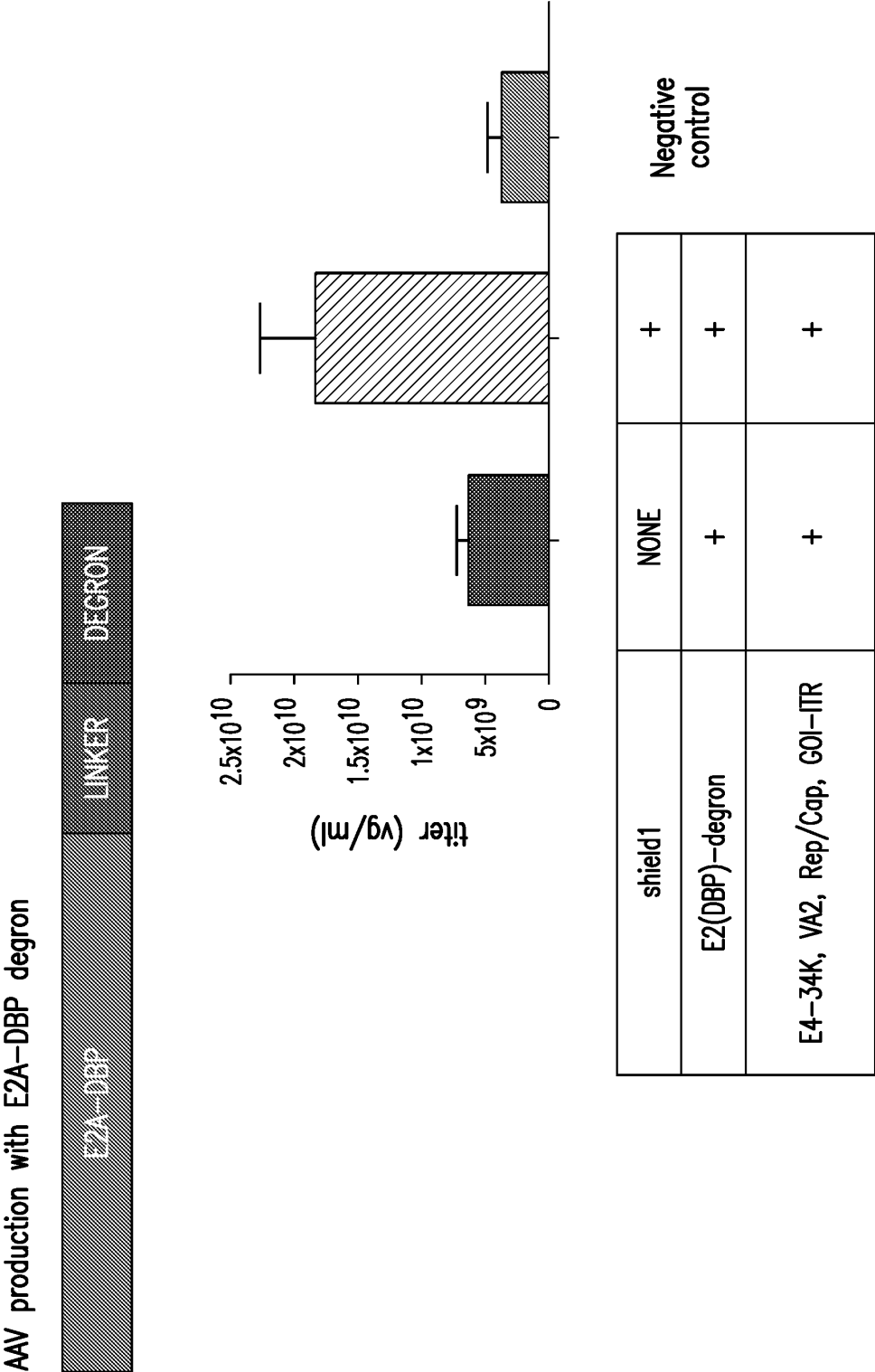


FIG. 19A

DBP Western Blot showing a shift in DBP size with the addition of Degron tag

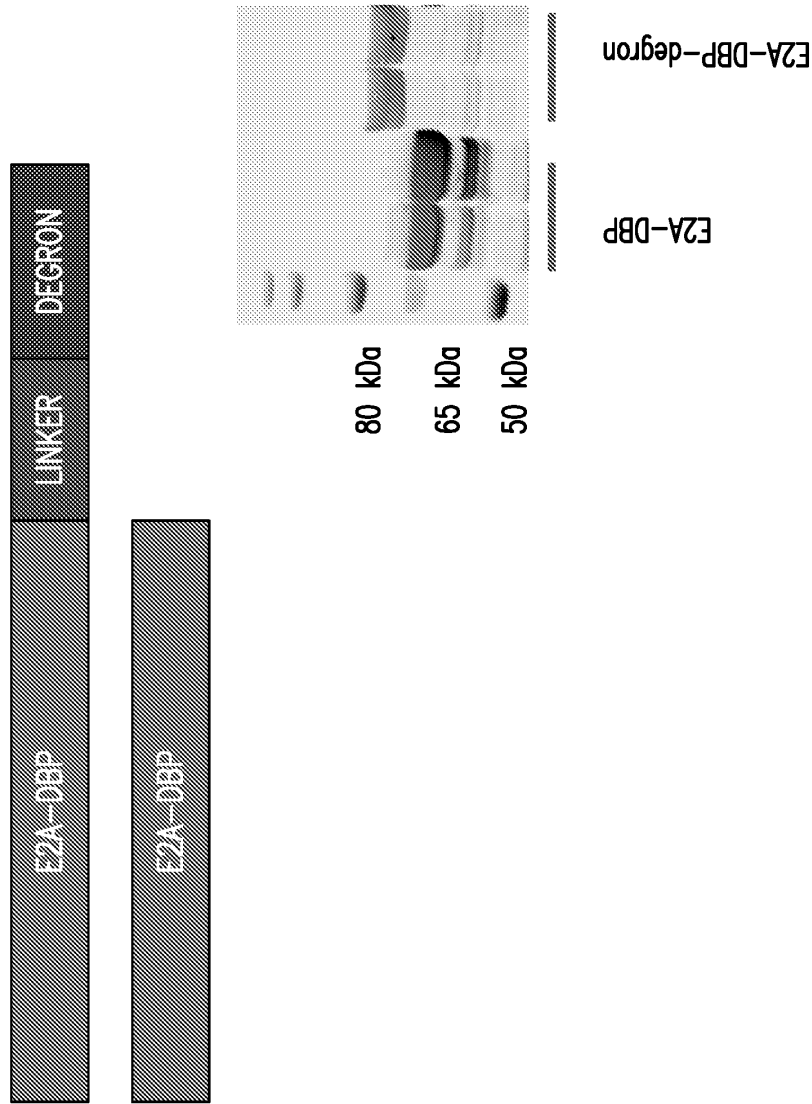


FIG. 19B

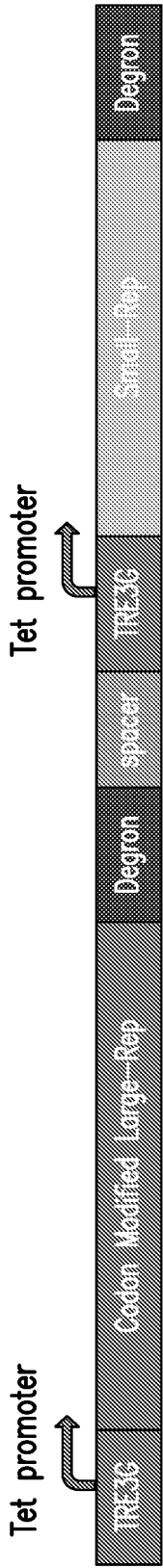


FIG. 20A

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Titer with Modified Rep, multiple regulatory elements,
multiple degon domains

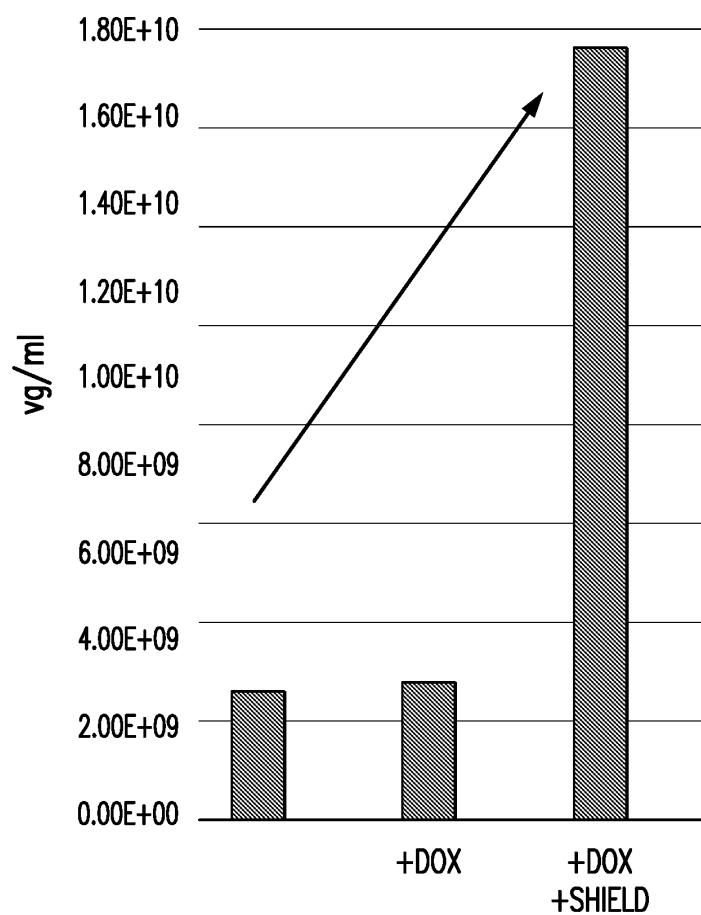


FIG. 20B