

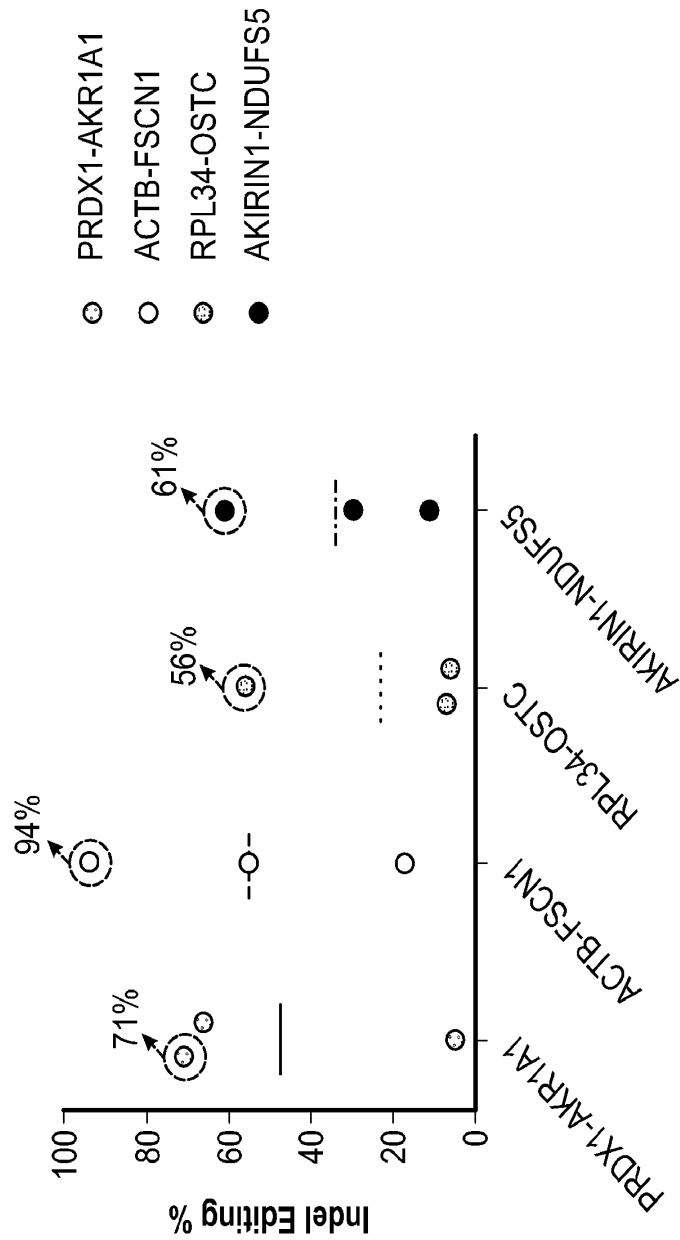


FIG. 1

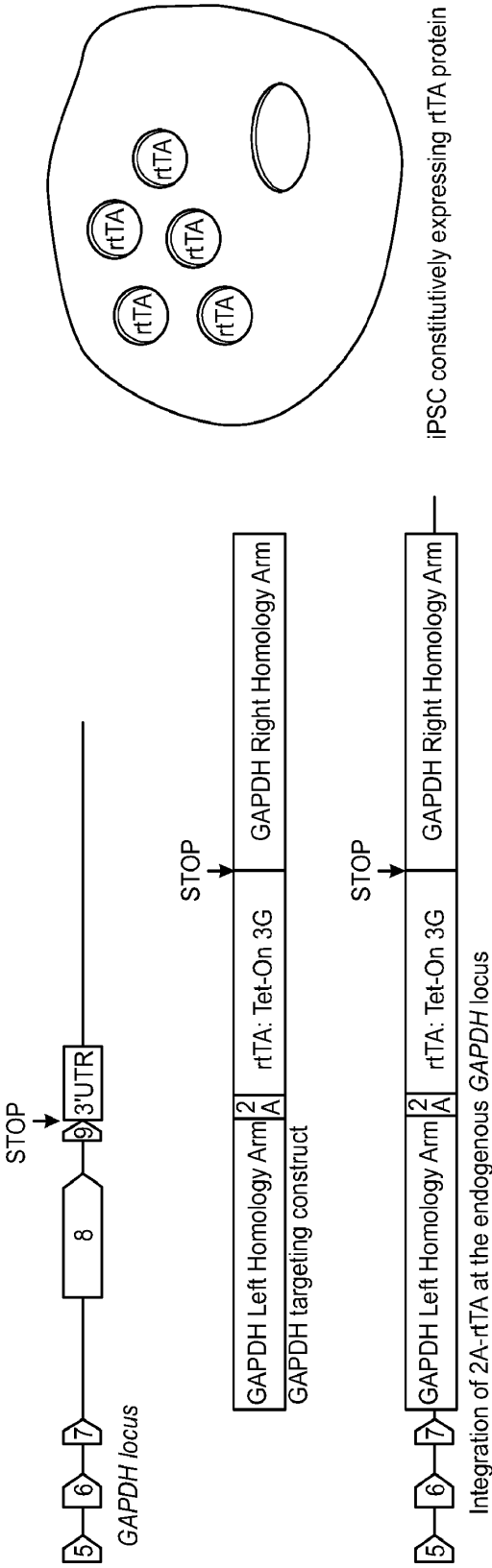


FIG. 2

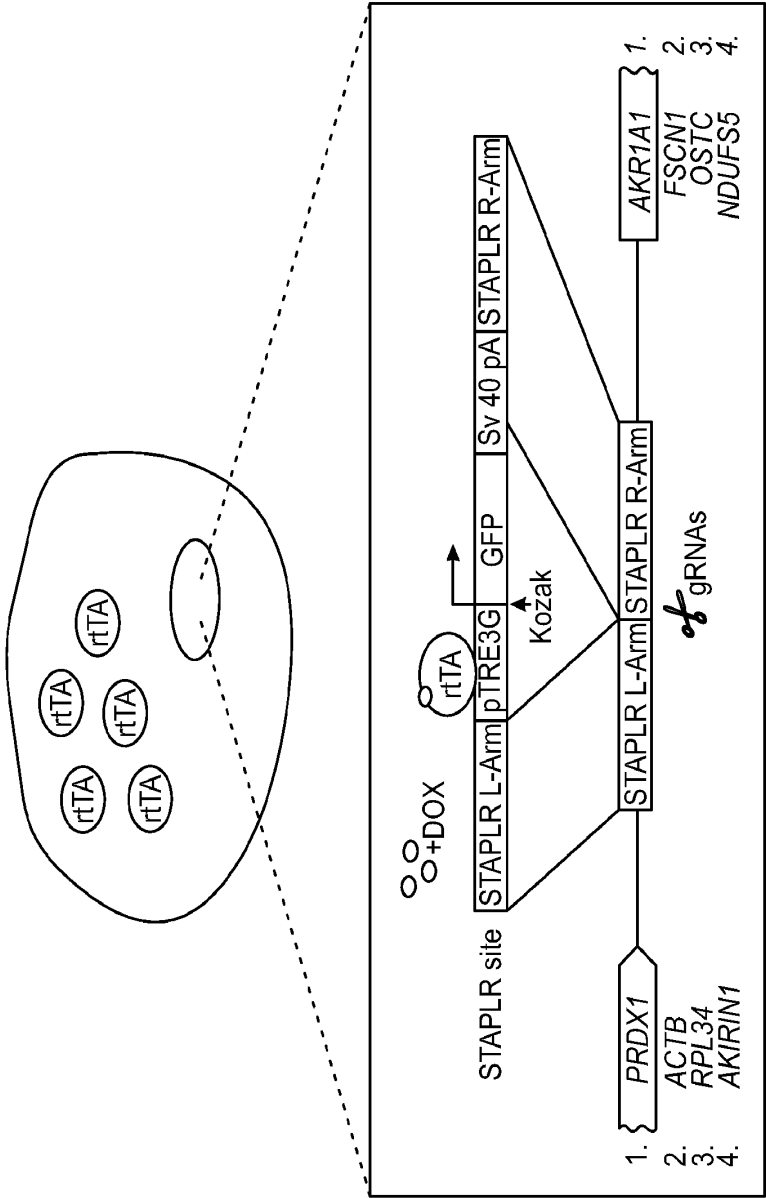


FIG. 3

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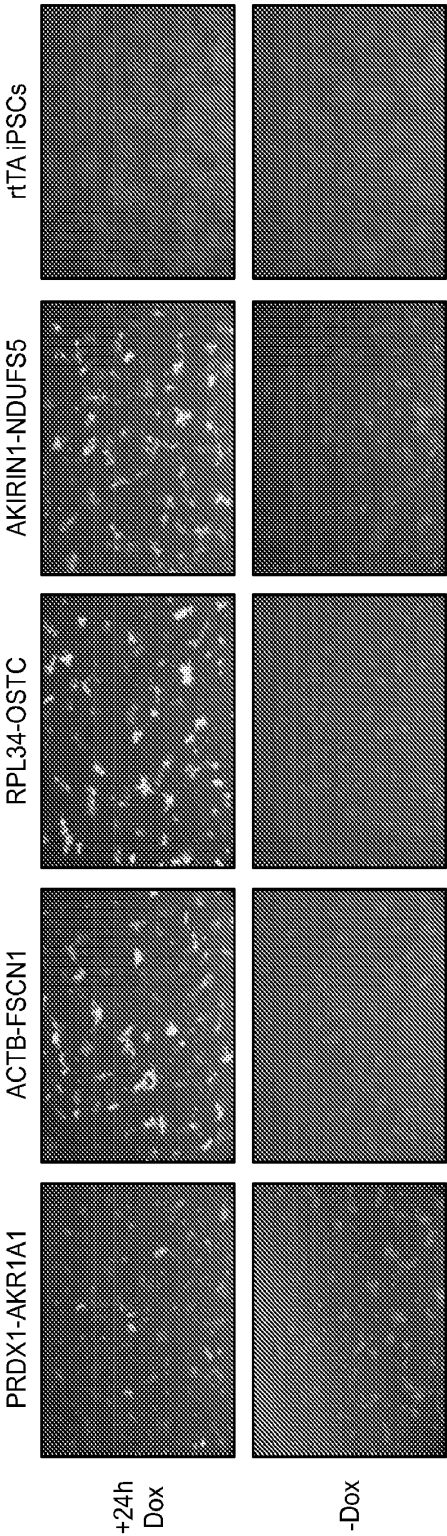


FIG. 4

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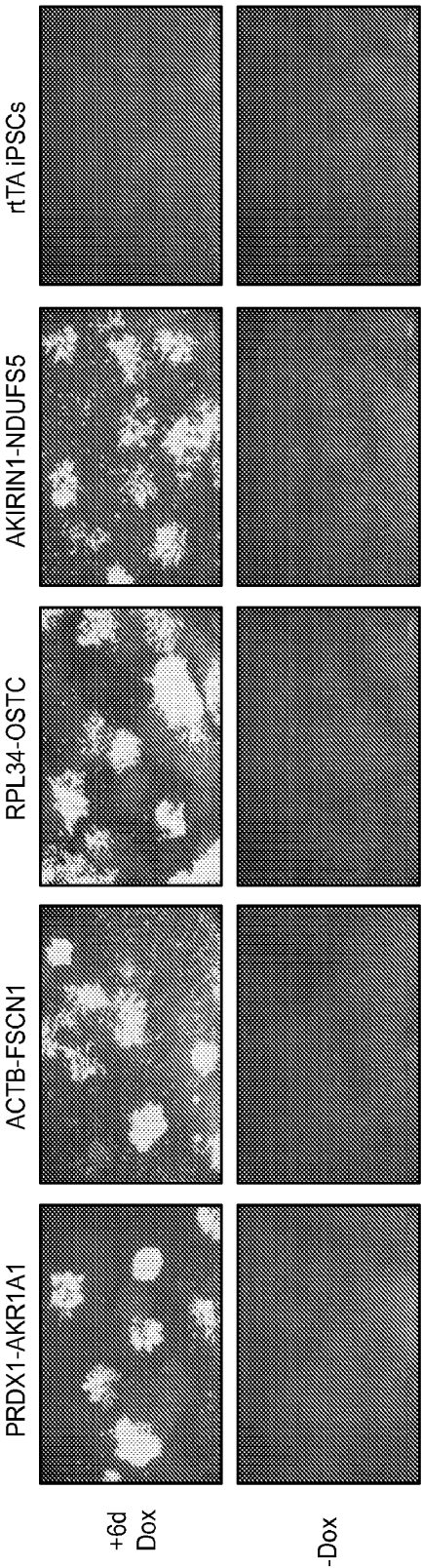


FIG. 5

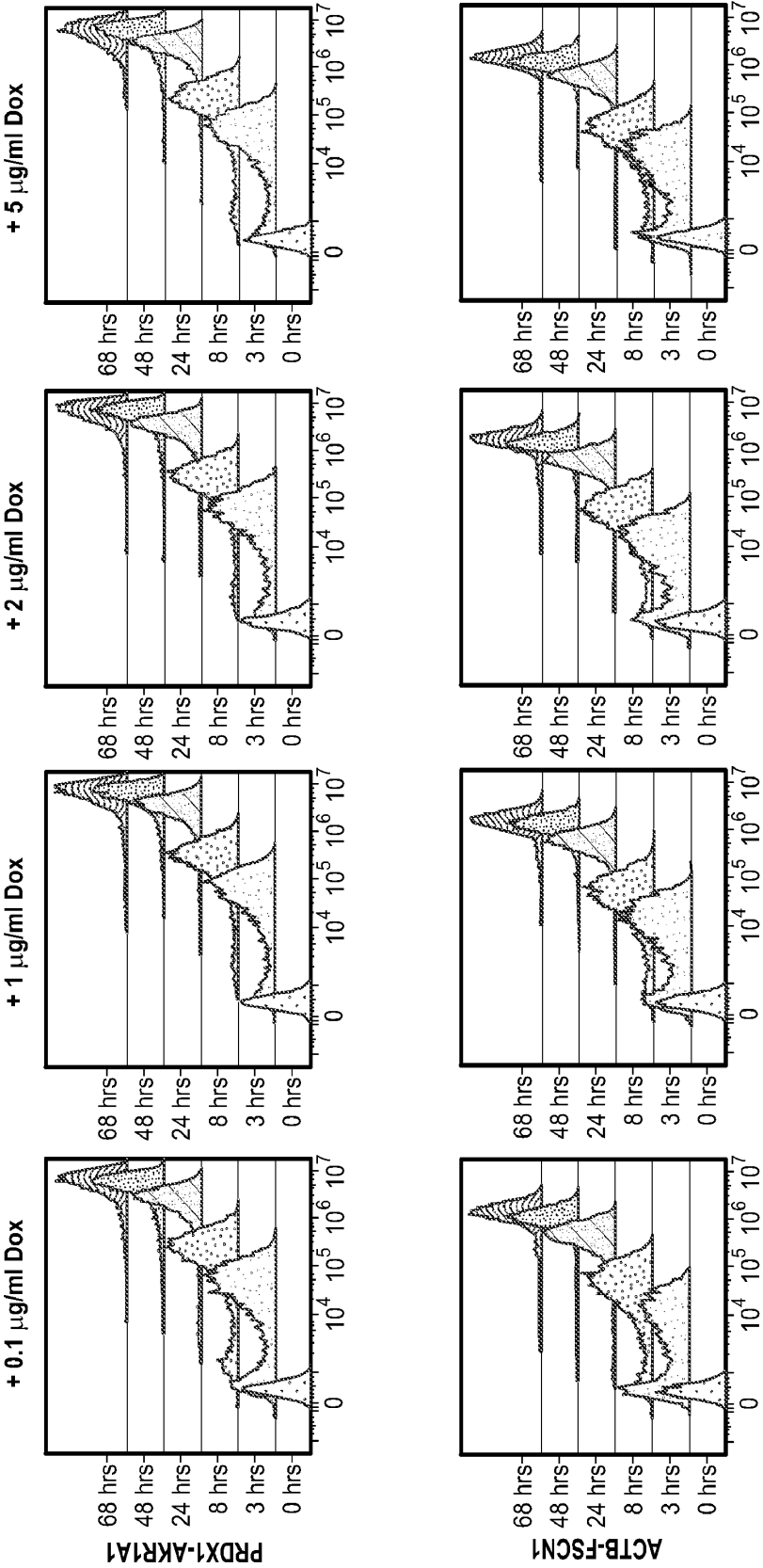


FIG. 6 (cont...)

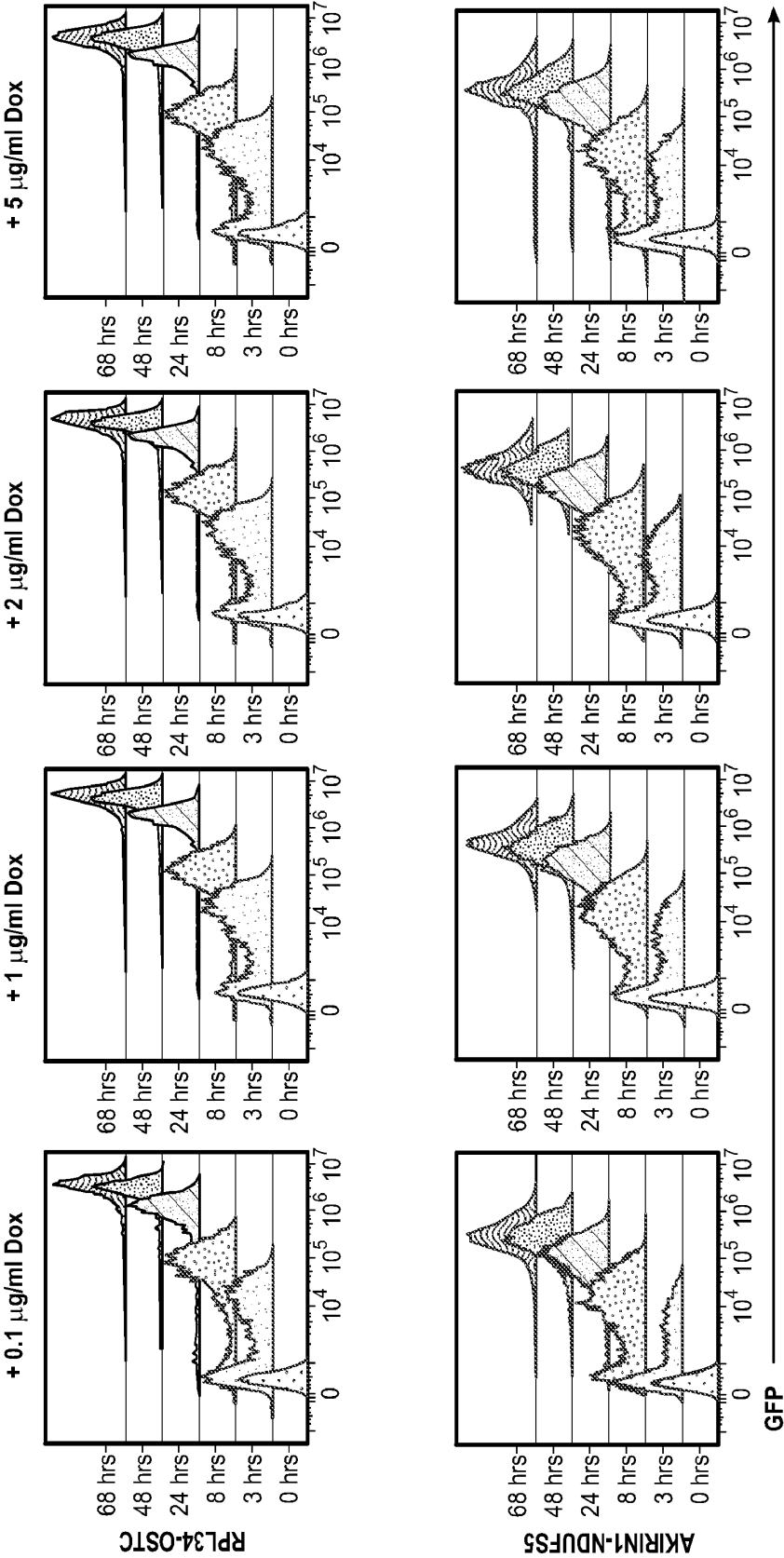
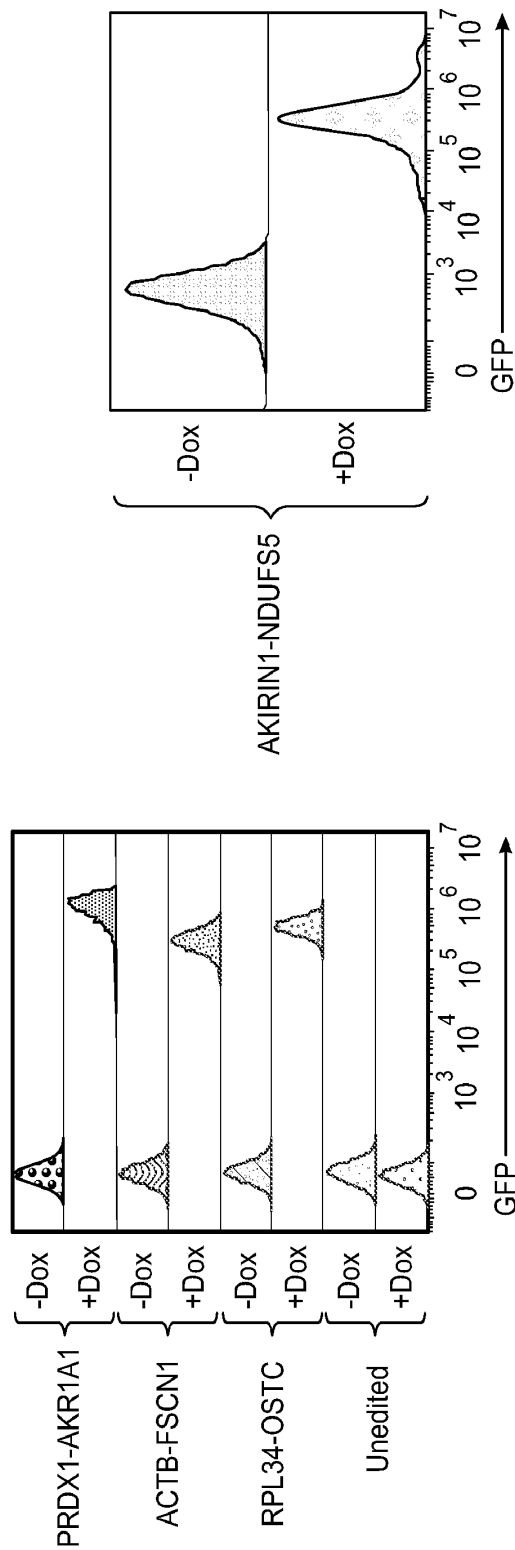


FIG. 6



AKIRIN1-NDUFS5

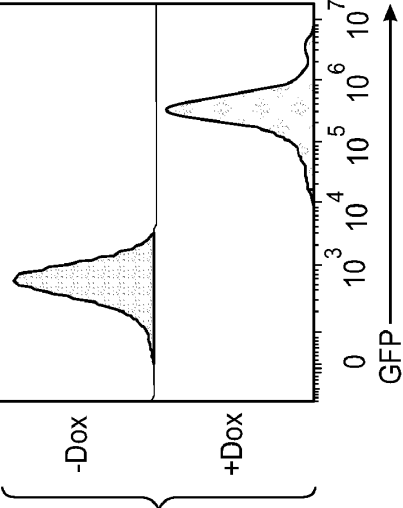


FIG. 7

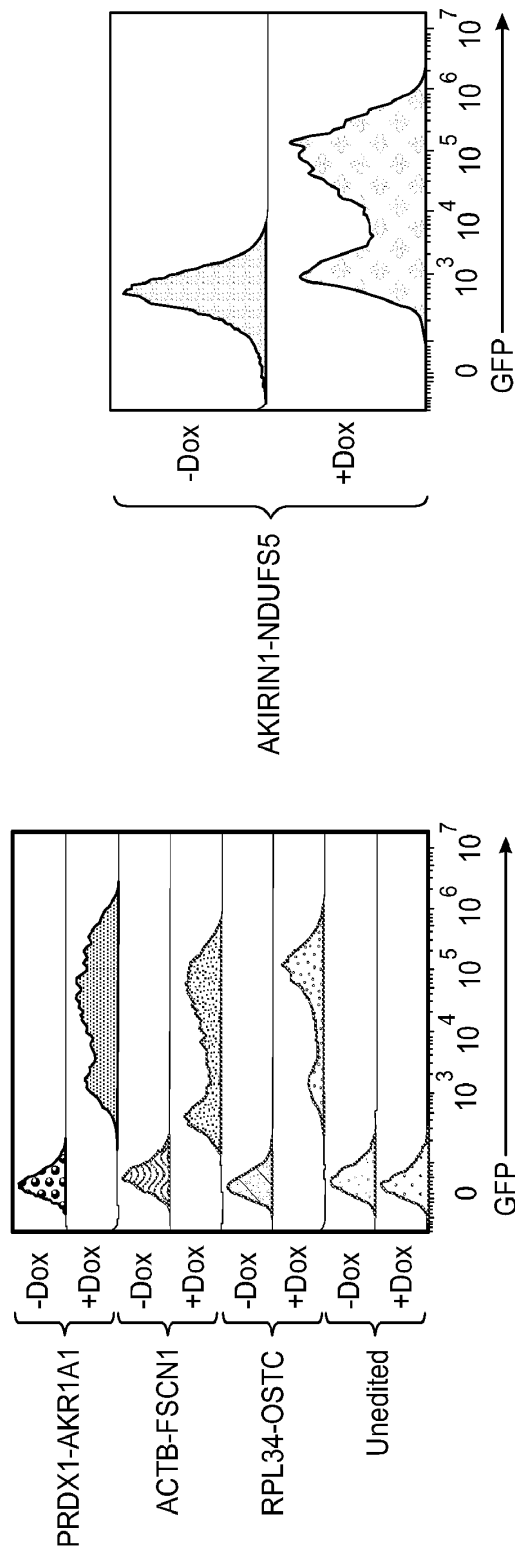


FIG. 8

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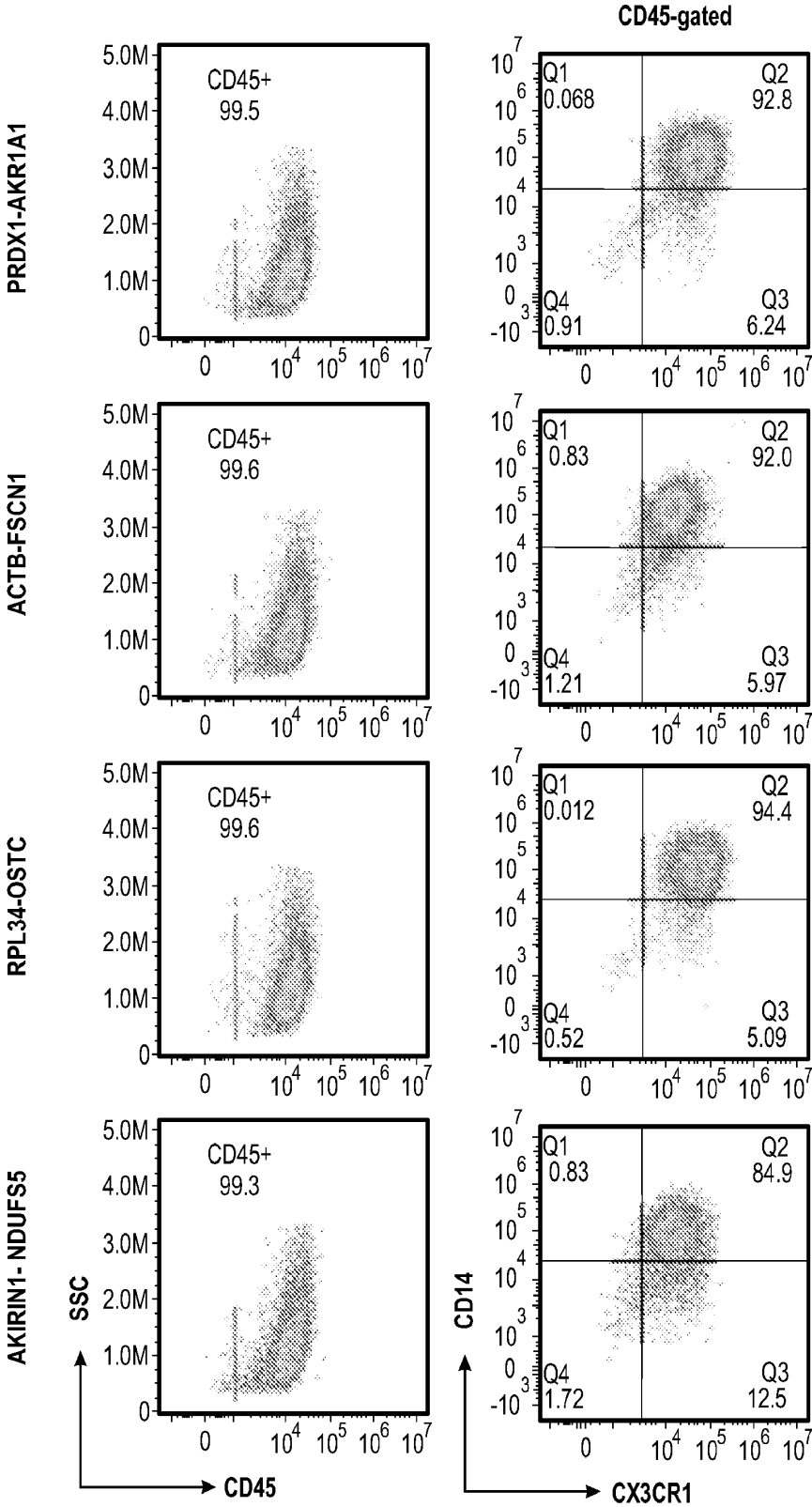


FIG. 9

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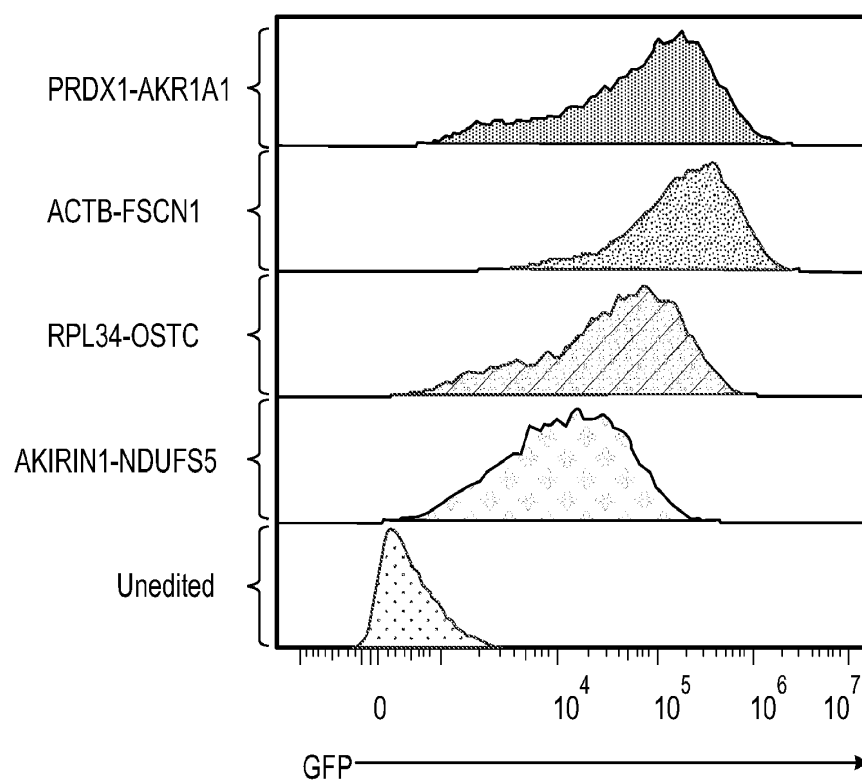


FIG. 10

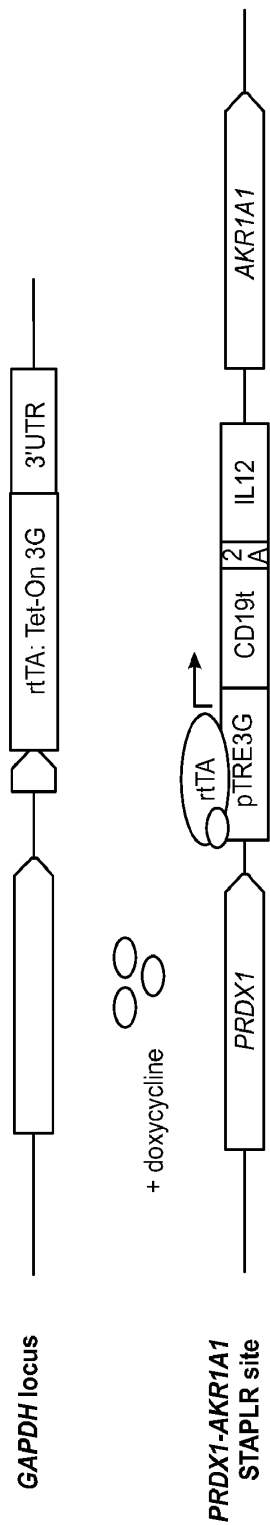
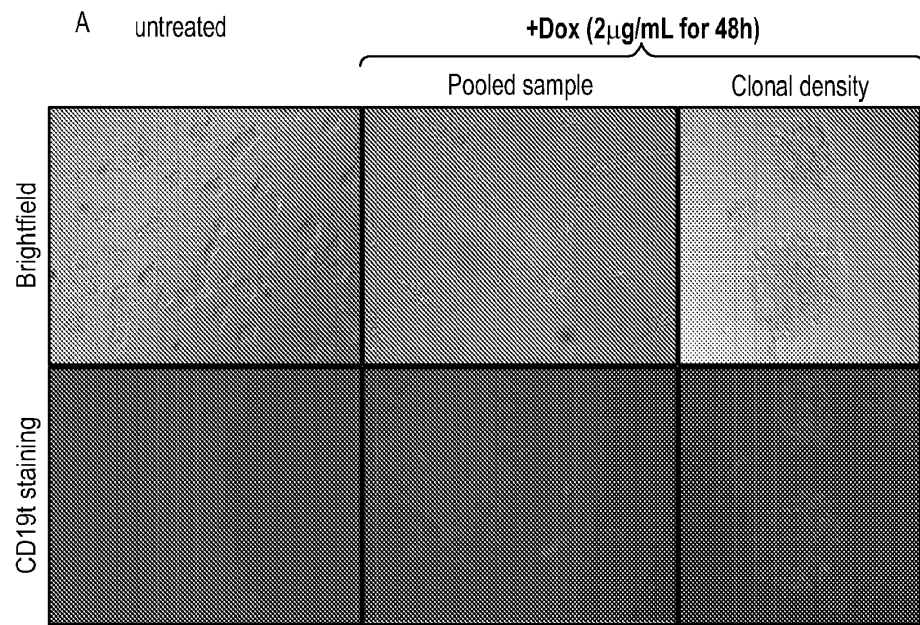
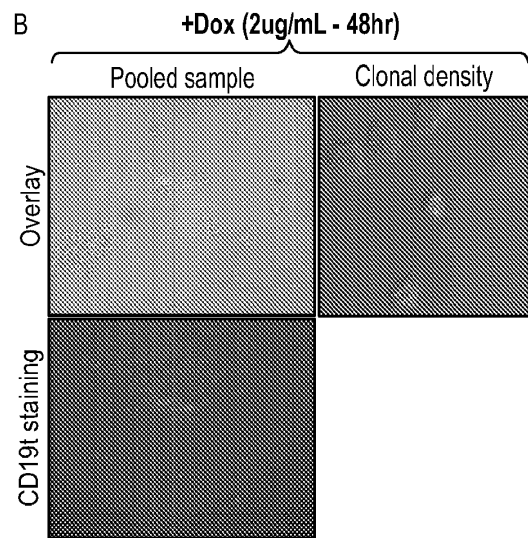


FIG. 11



Cpf1-based targeting



Cas9-based targeting

FIG. 12

PRDX1-AKR1A1 Site 2: Fluorescent images 3 days post-Nucleofection

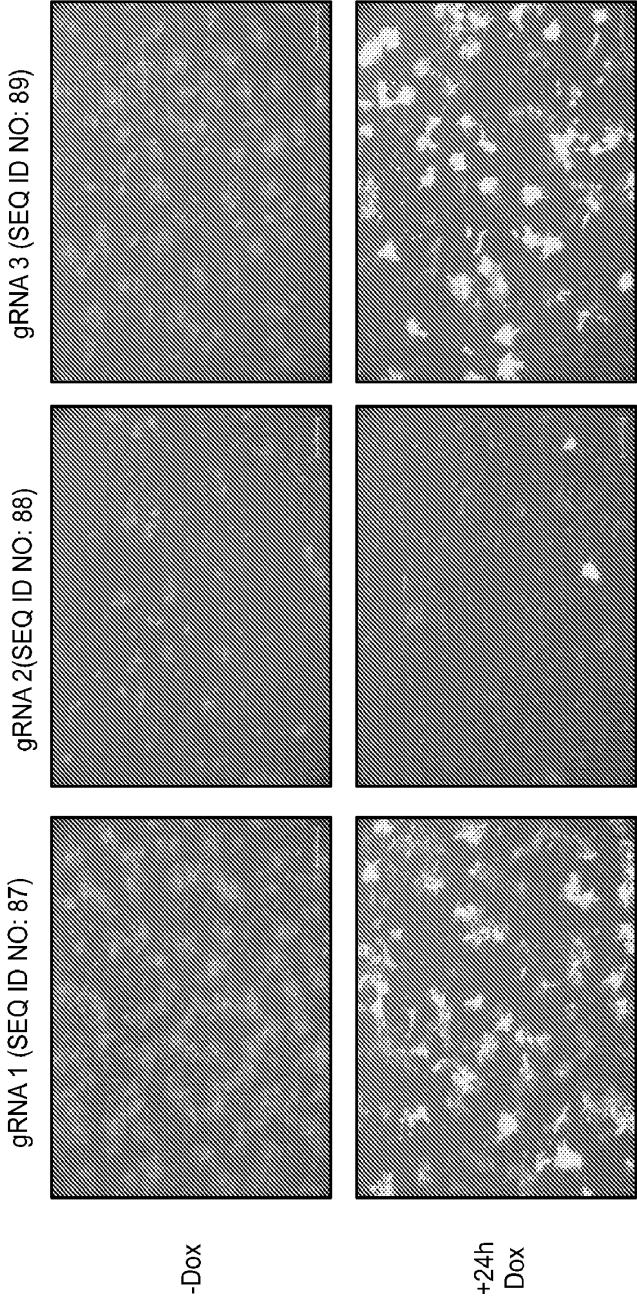


FIG. 13

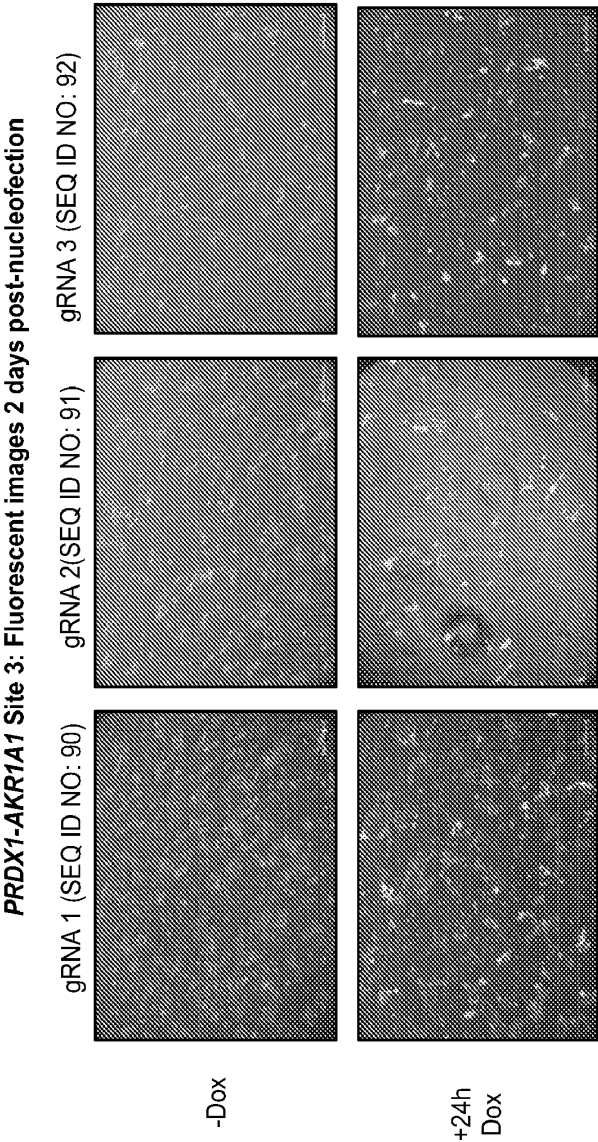


FIG. 14

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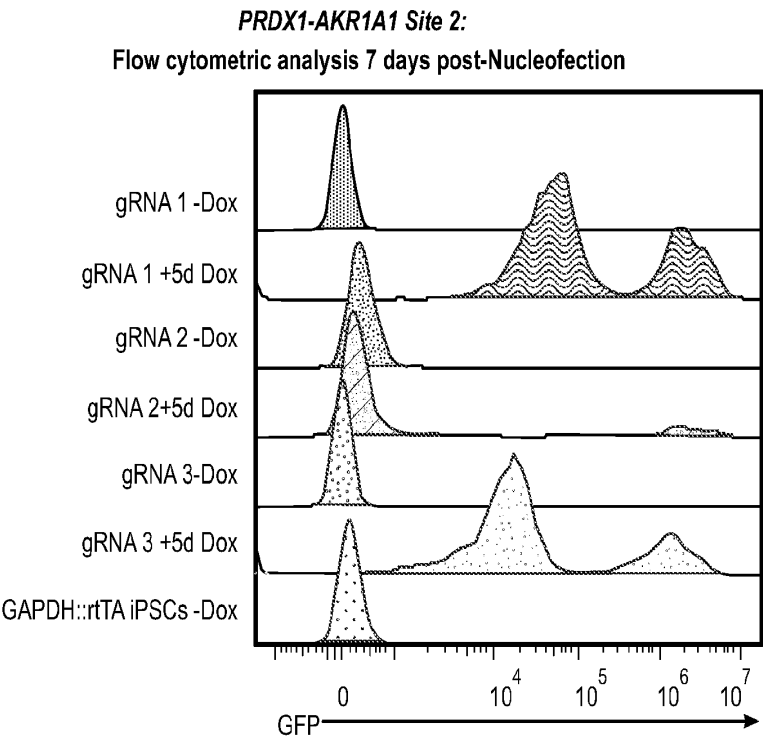


FIG. 15

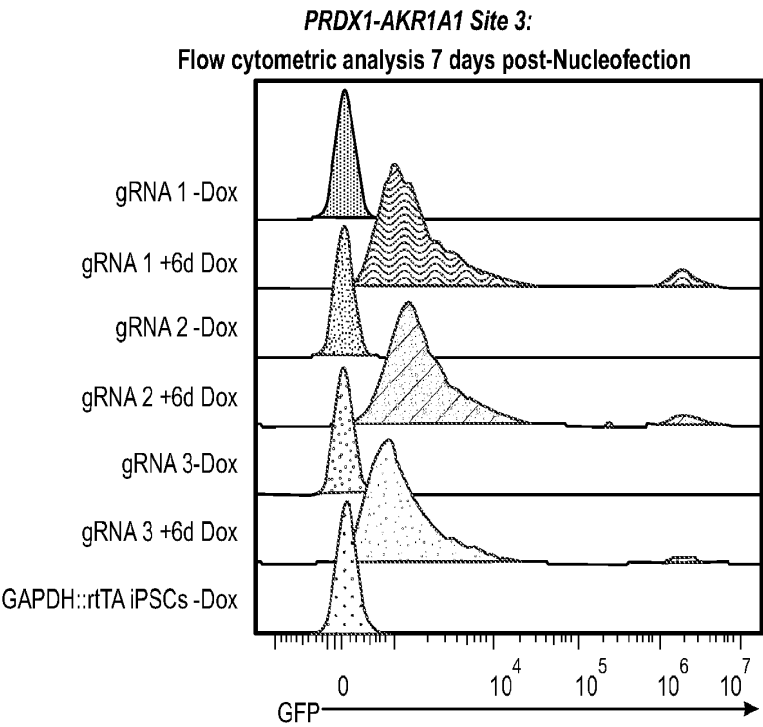


FIG. 16