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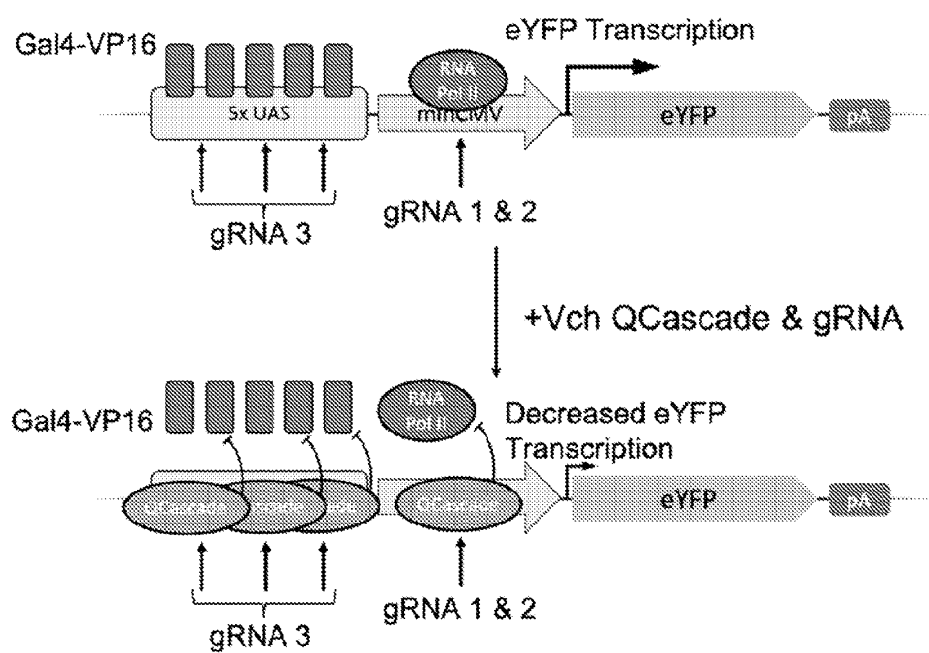
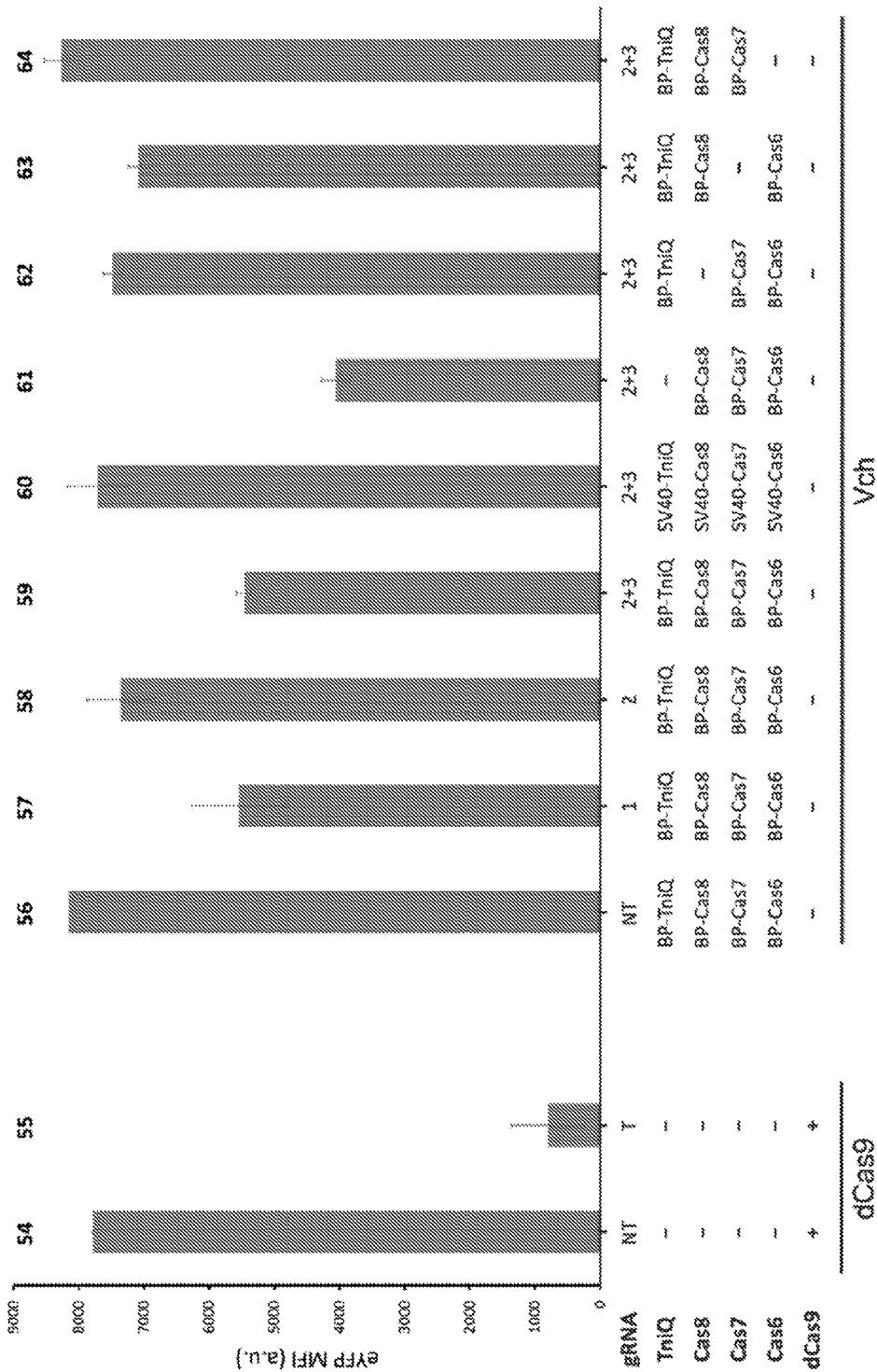


FIG. 1A



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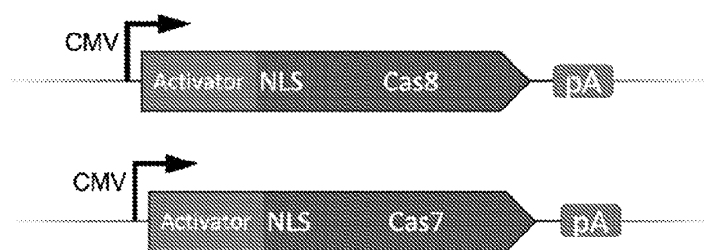


FIG. 2A

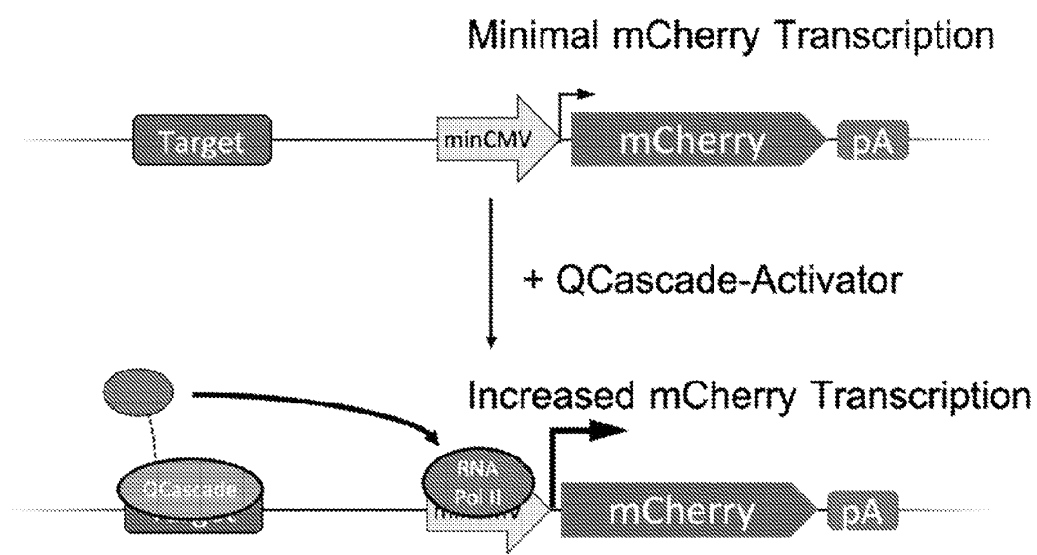


FIG. 2B

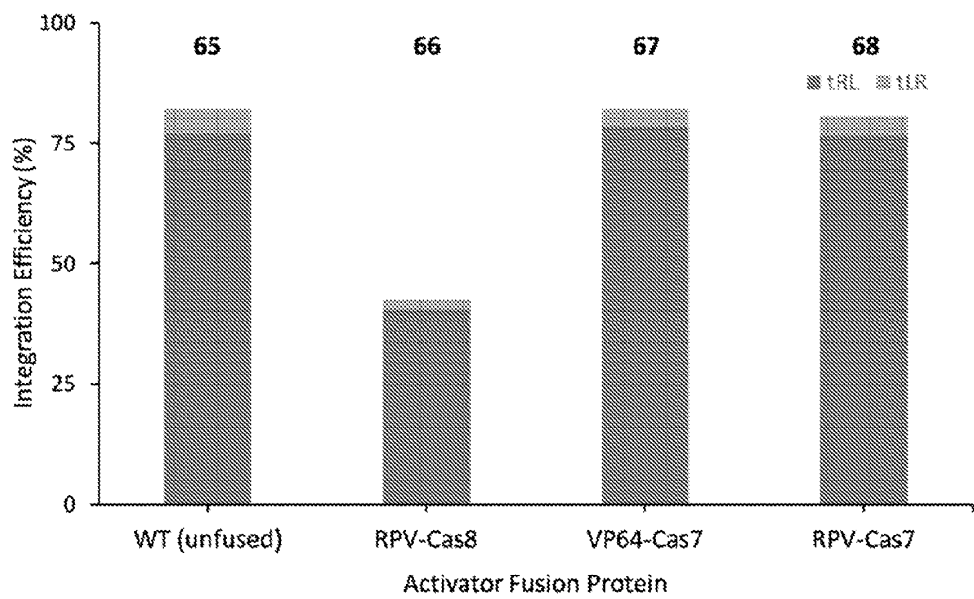


FIG. 2C

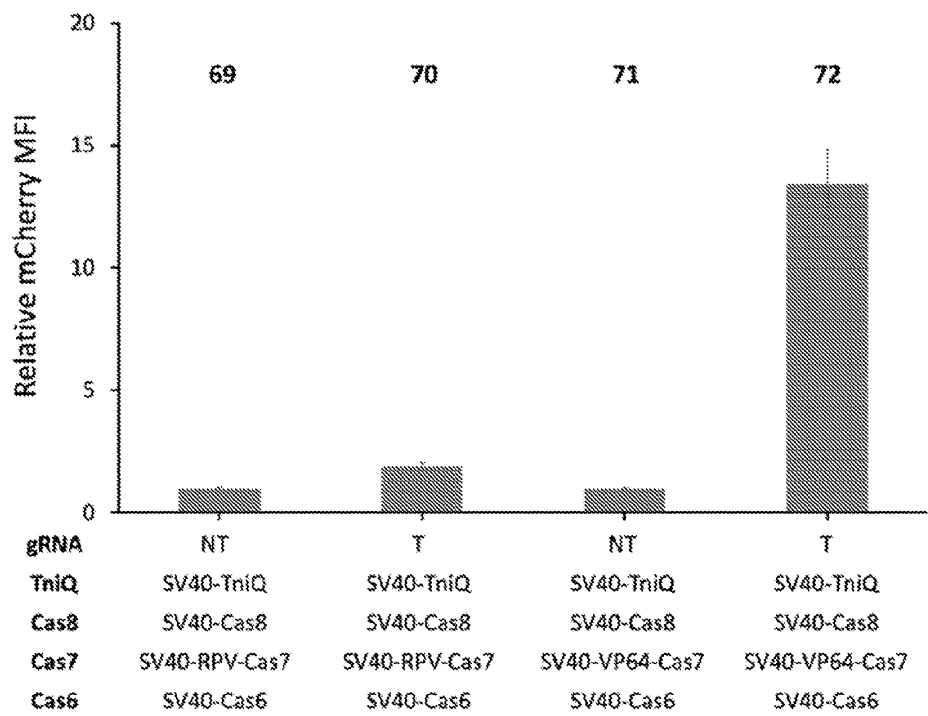


FIG. 2D

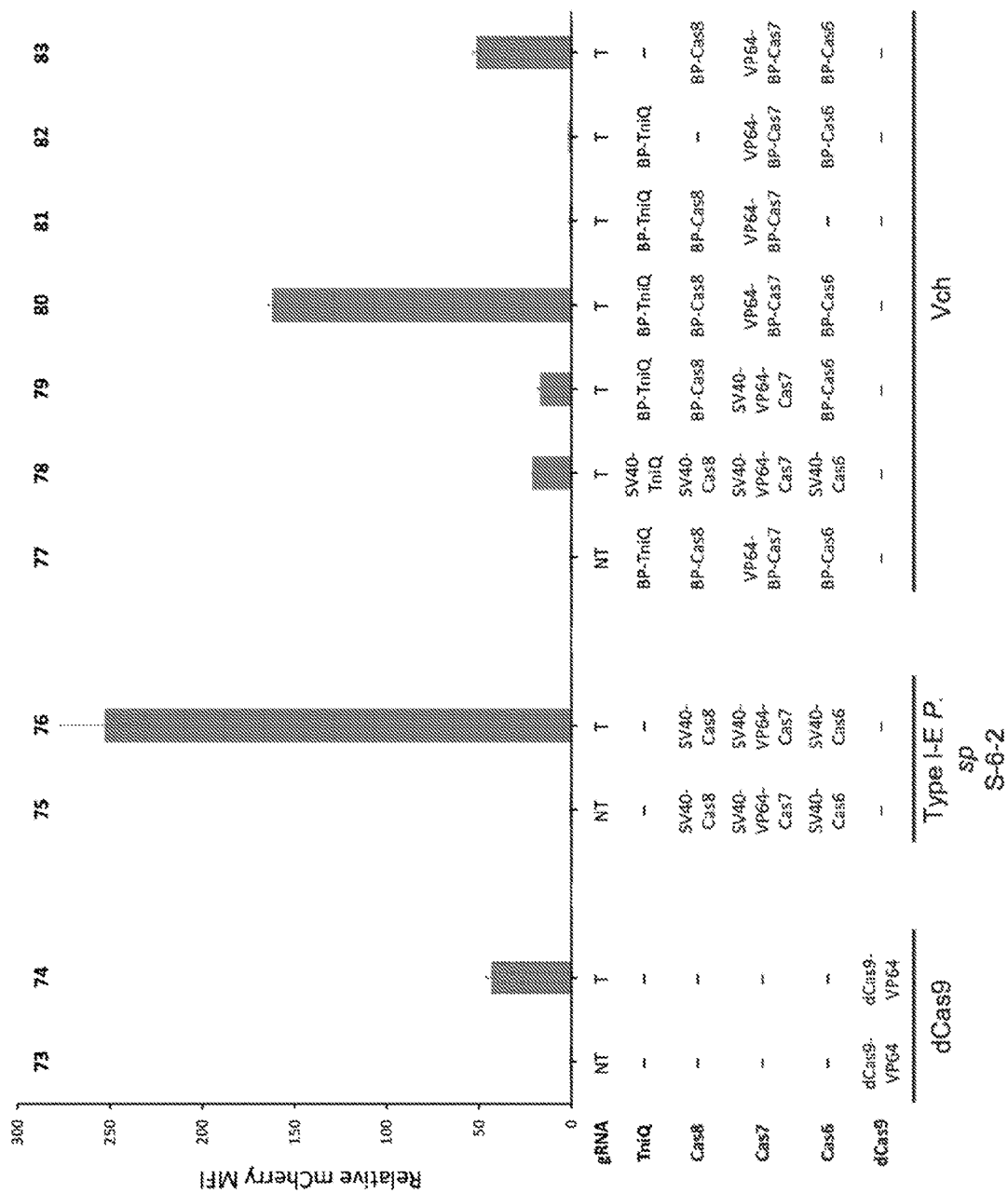


FIG. 2E

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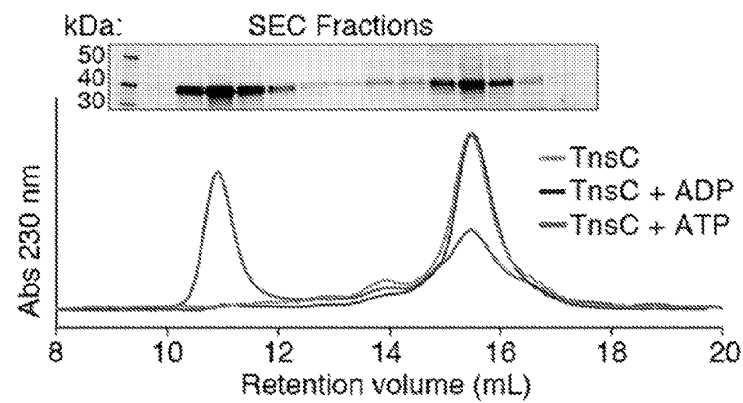


FIG. 3A

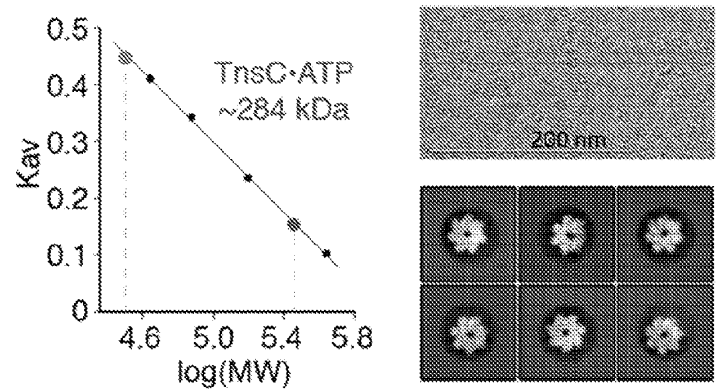


FIG. 3B

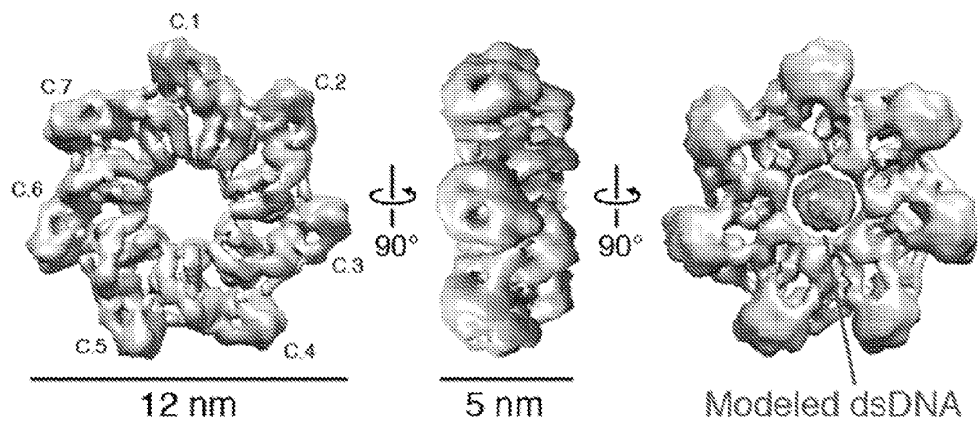


FIG. 3C

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CryoEM Micrographs:
TnsC•ATP in low salt

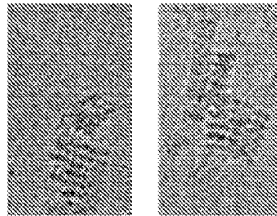


FIG. 3D

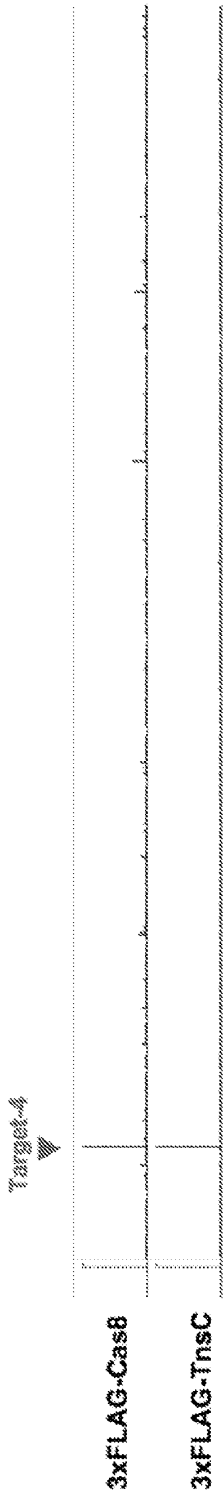


FIG. 3E

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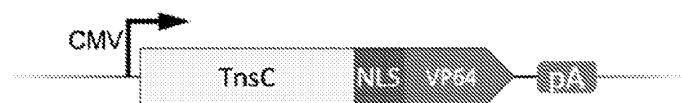


FIG. 4A

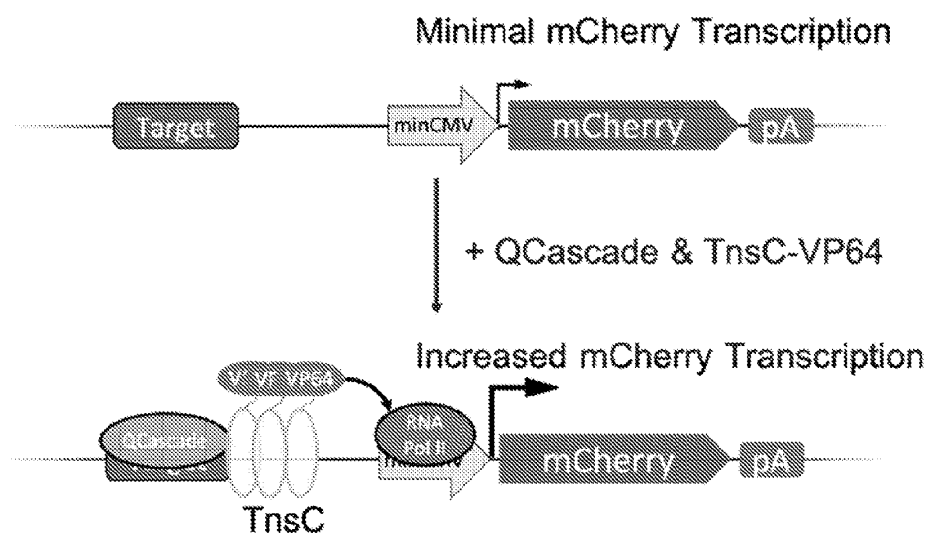


FIG. 4B

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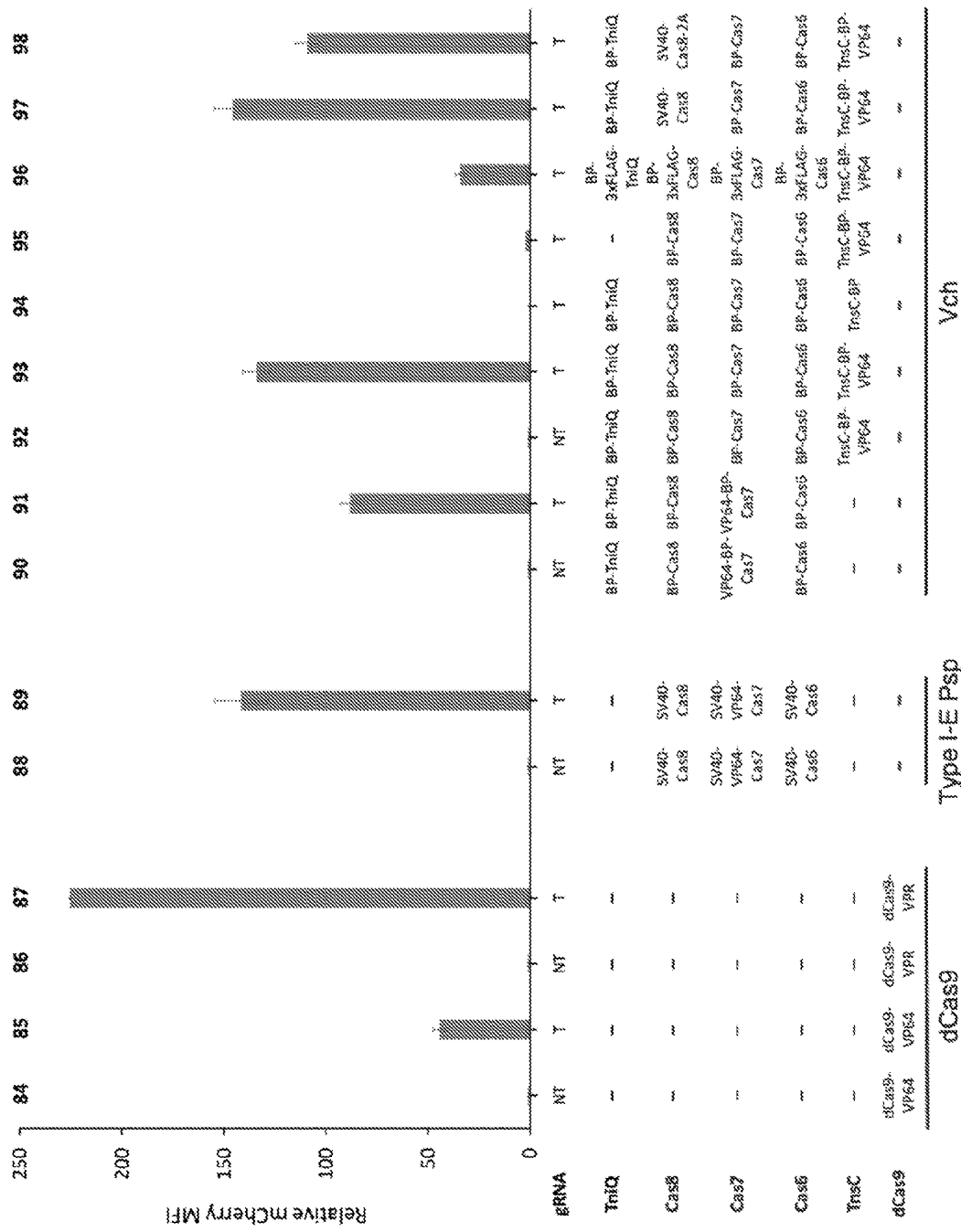


FIG. 4C

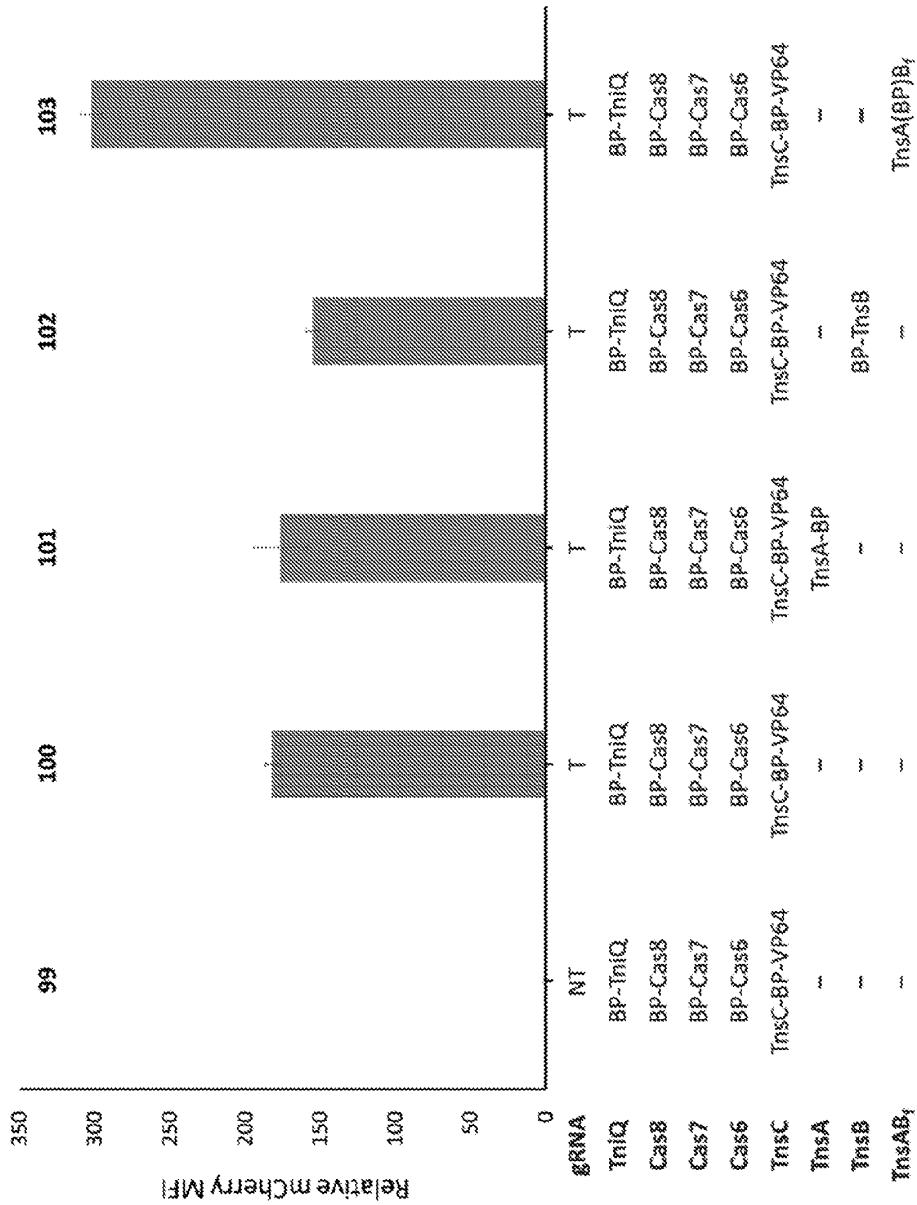


FIG. 4D

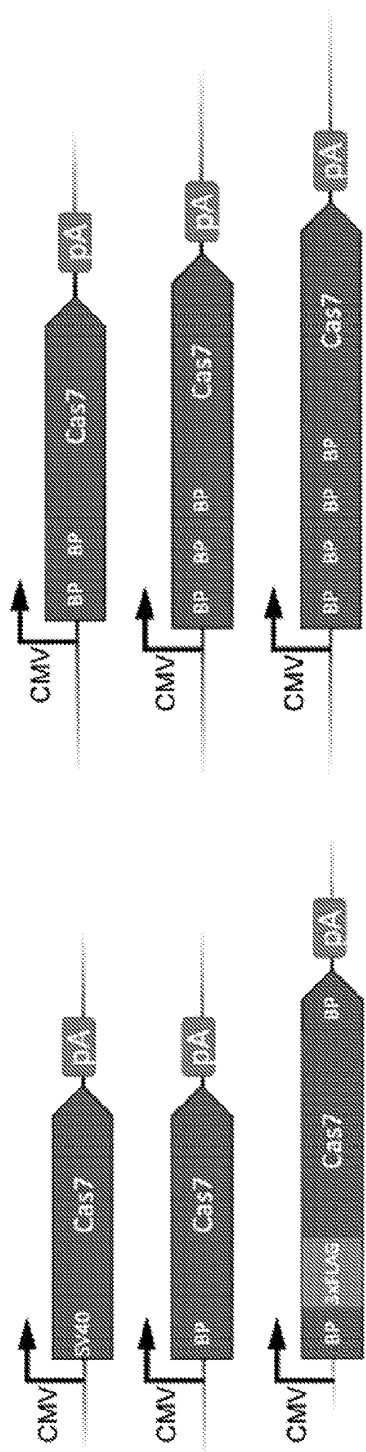


FIG. 5A

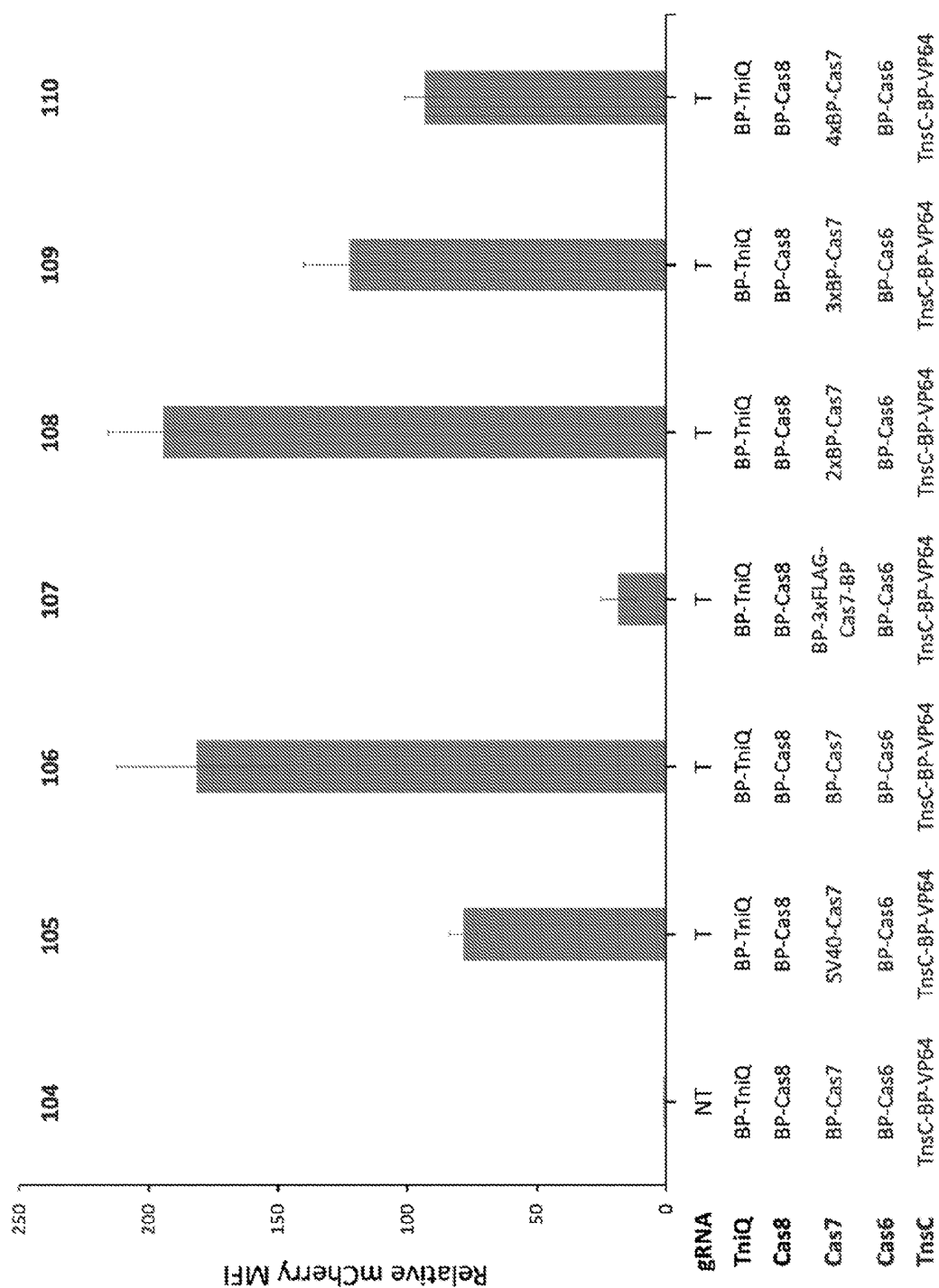


FIG. 5B

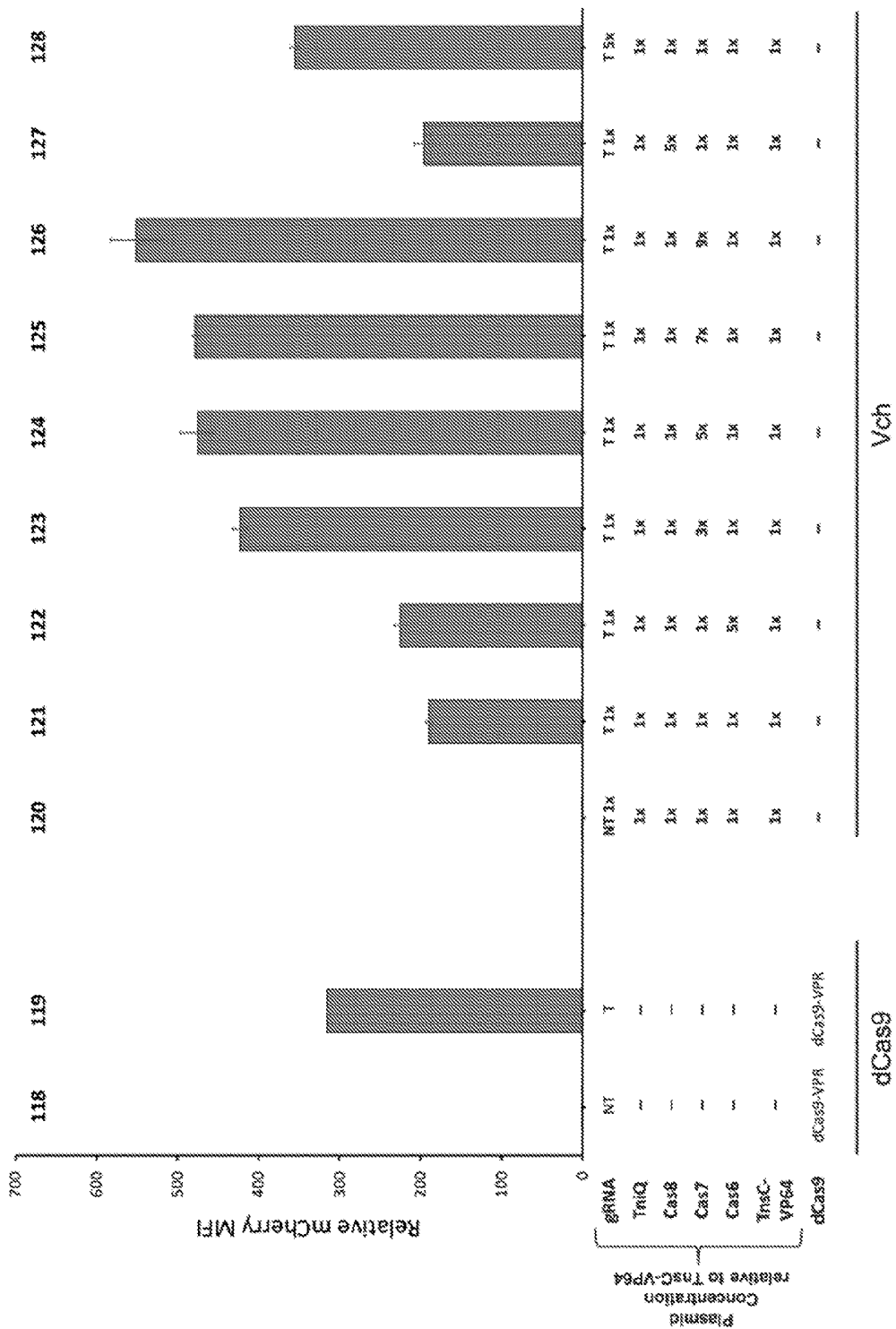


FIG. 6

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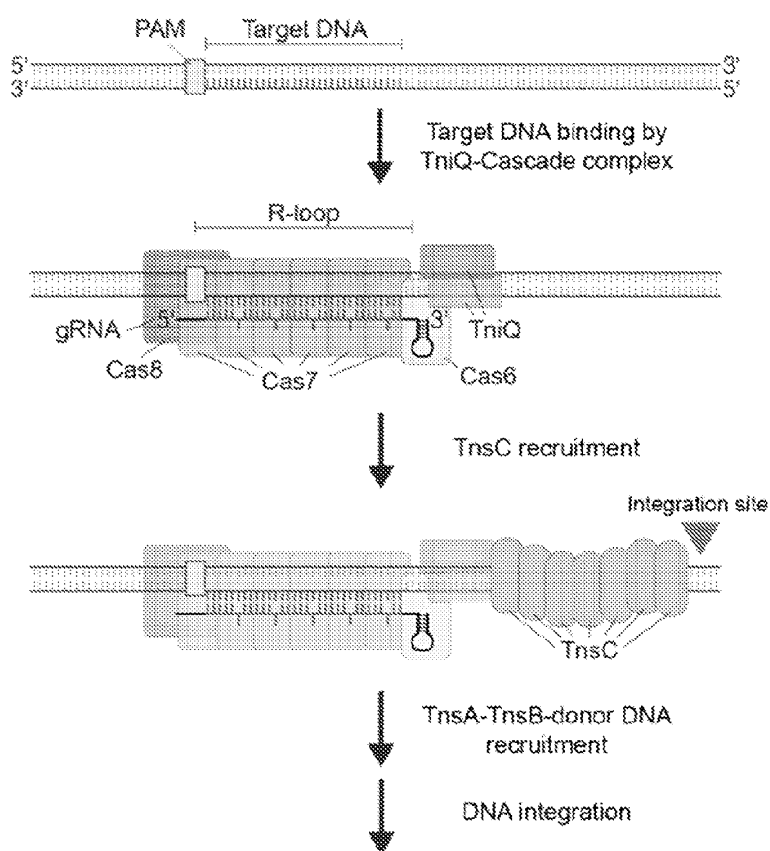


FIG. 7A

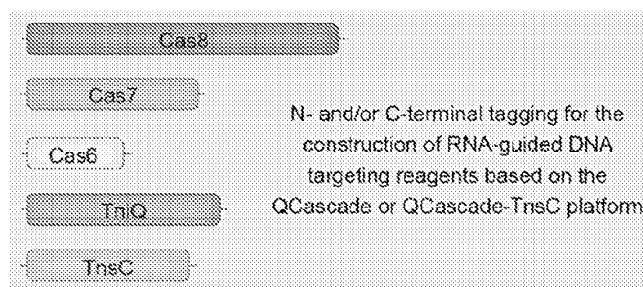


FIG. 7B

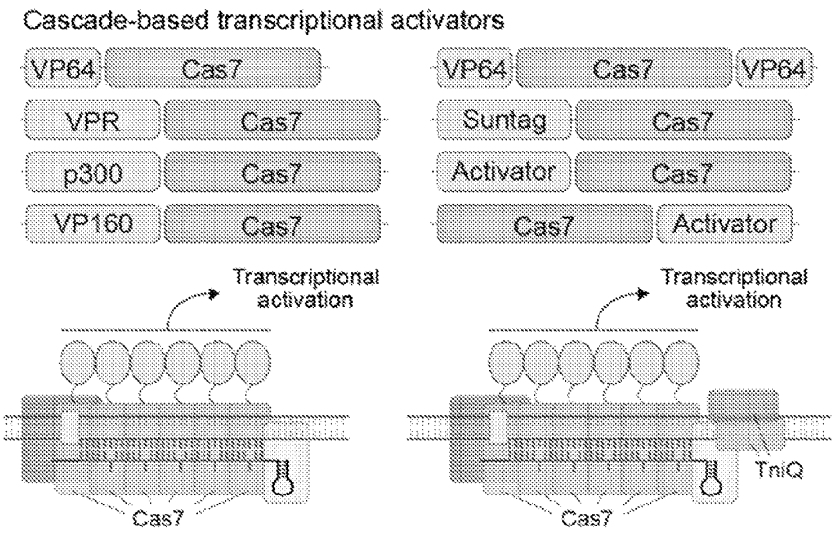


FIG. 7C

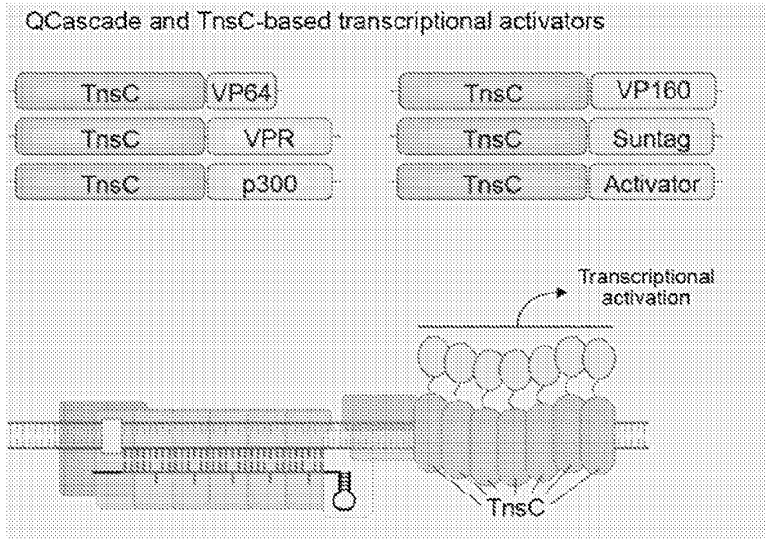


FIG. 7D

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Q Cascade and TnsC-based transcriptional repressors

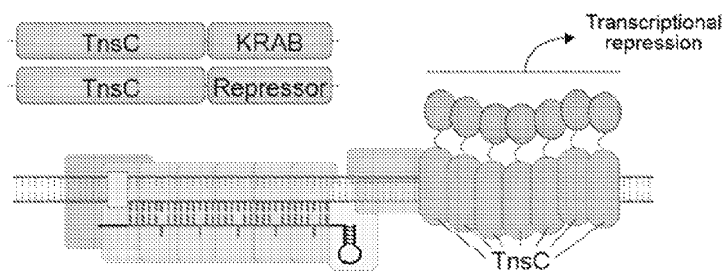


FIG. 7E

Q Cascade and TnsC-based DNA imaging reagents

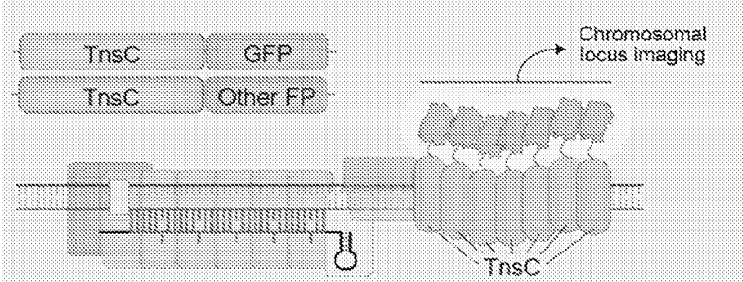
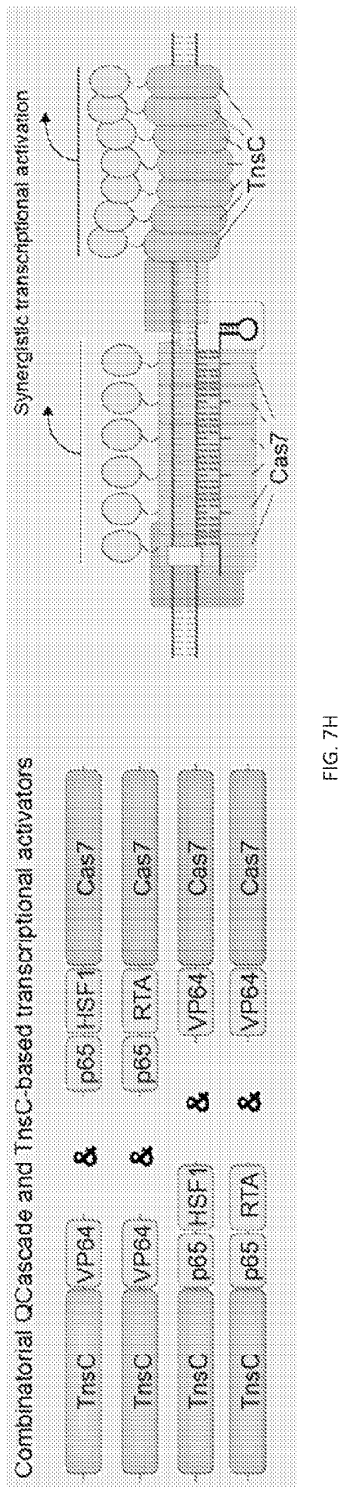
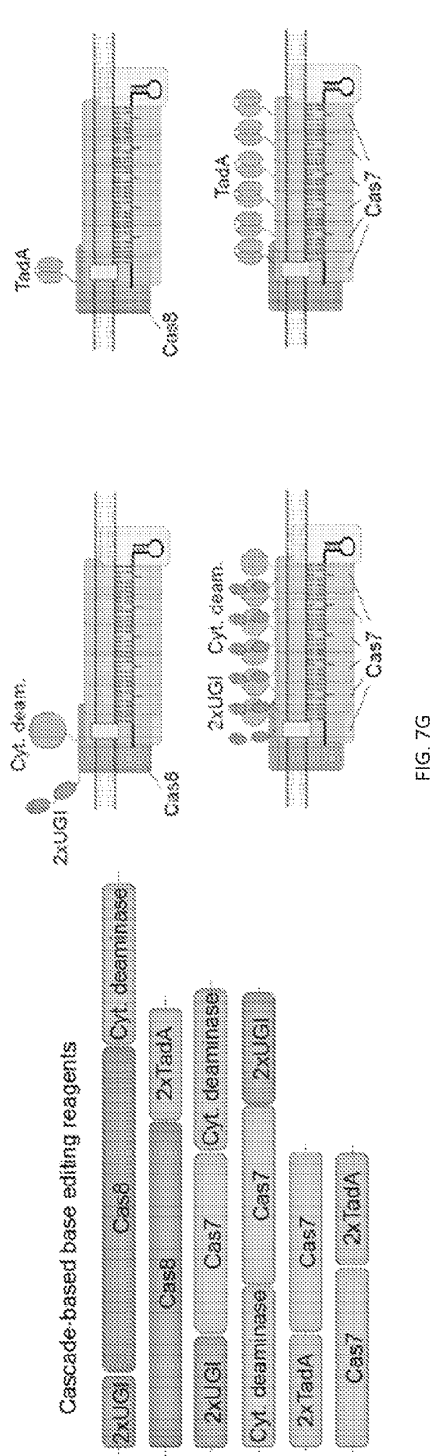


FIG. 7F



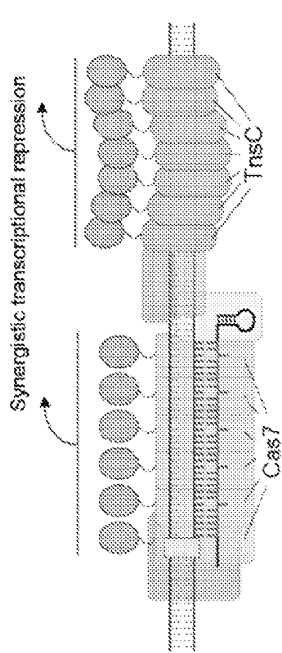


FIG. 7I

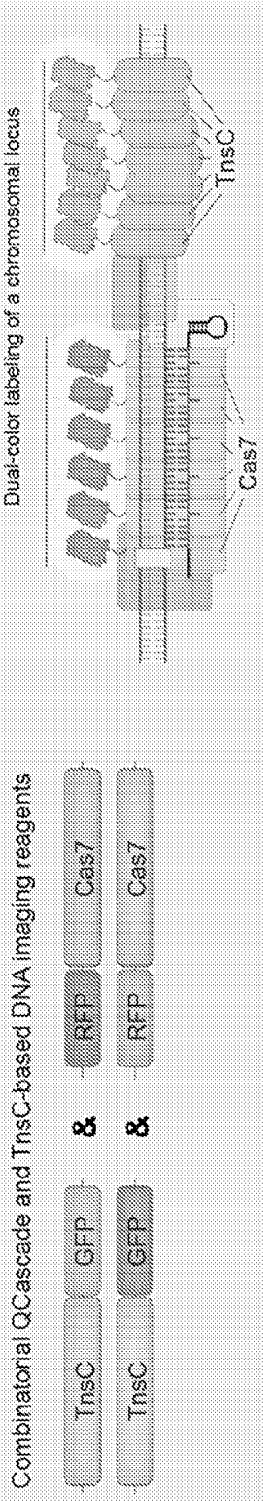
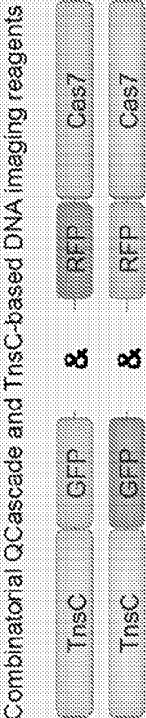
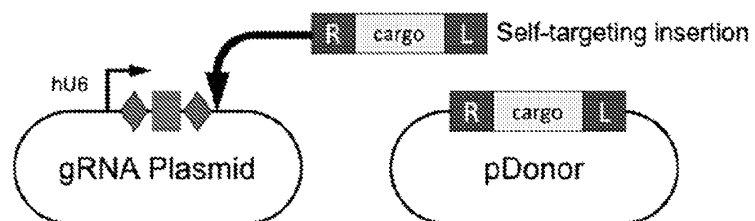


FIG. 7J



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Initial gRNA expression strategy**Modified pDonor:**

Target Immunity Protection

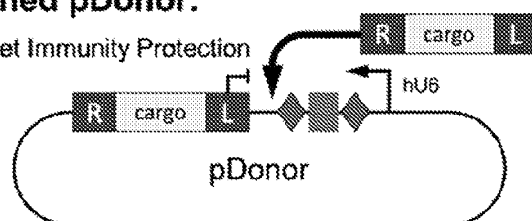


FIG. 8A

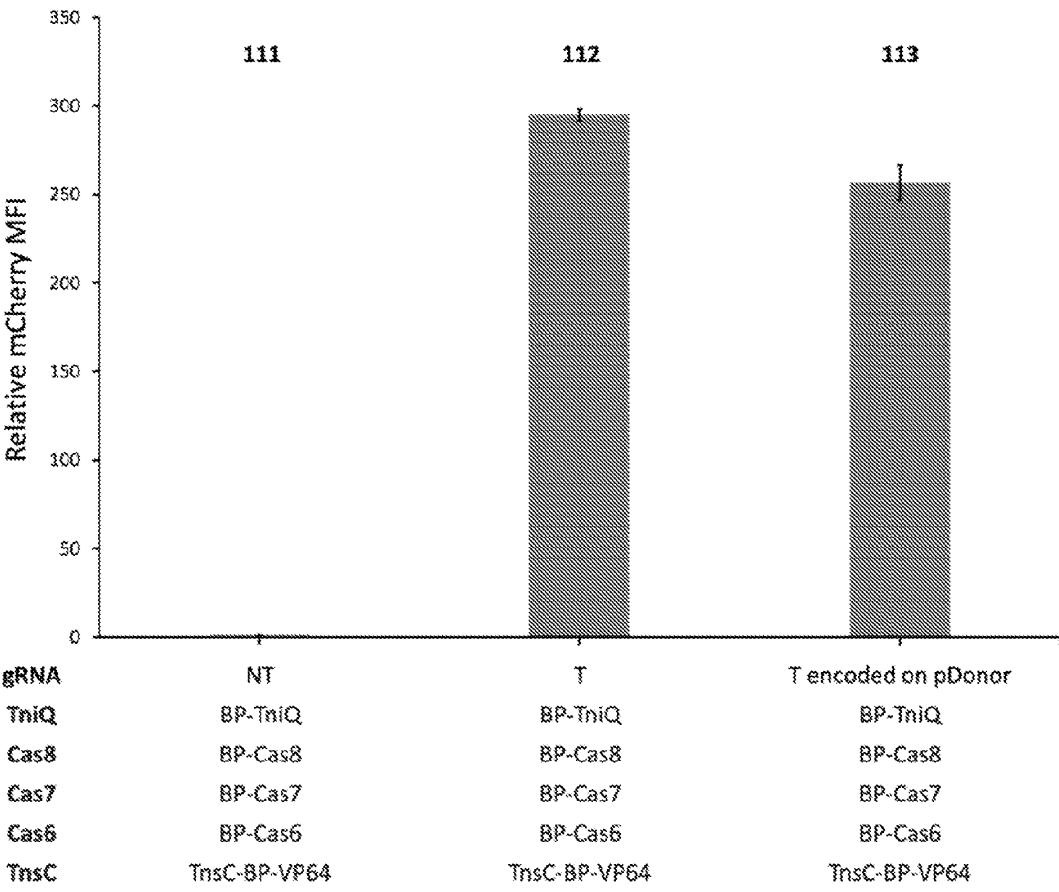


FIG. 8B

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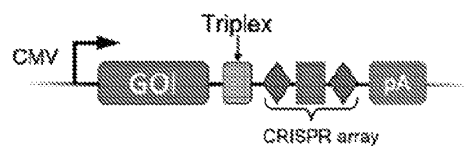
RNA Pol III Transcription:**RNA Pol II Transcription:**

FIG. 9A

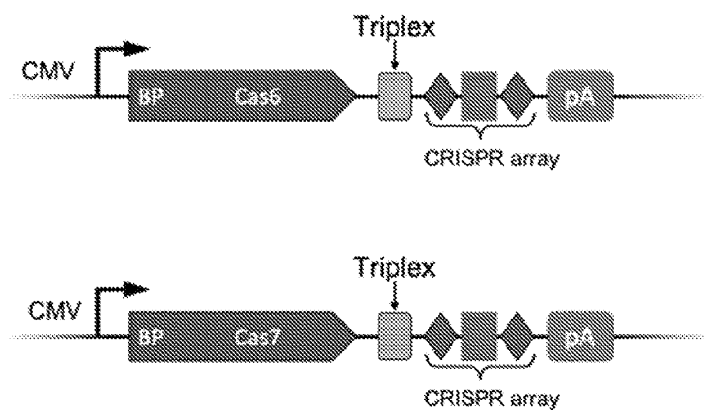


FIG. 9B

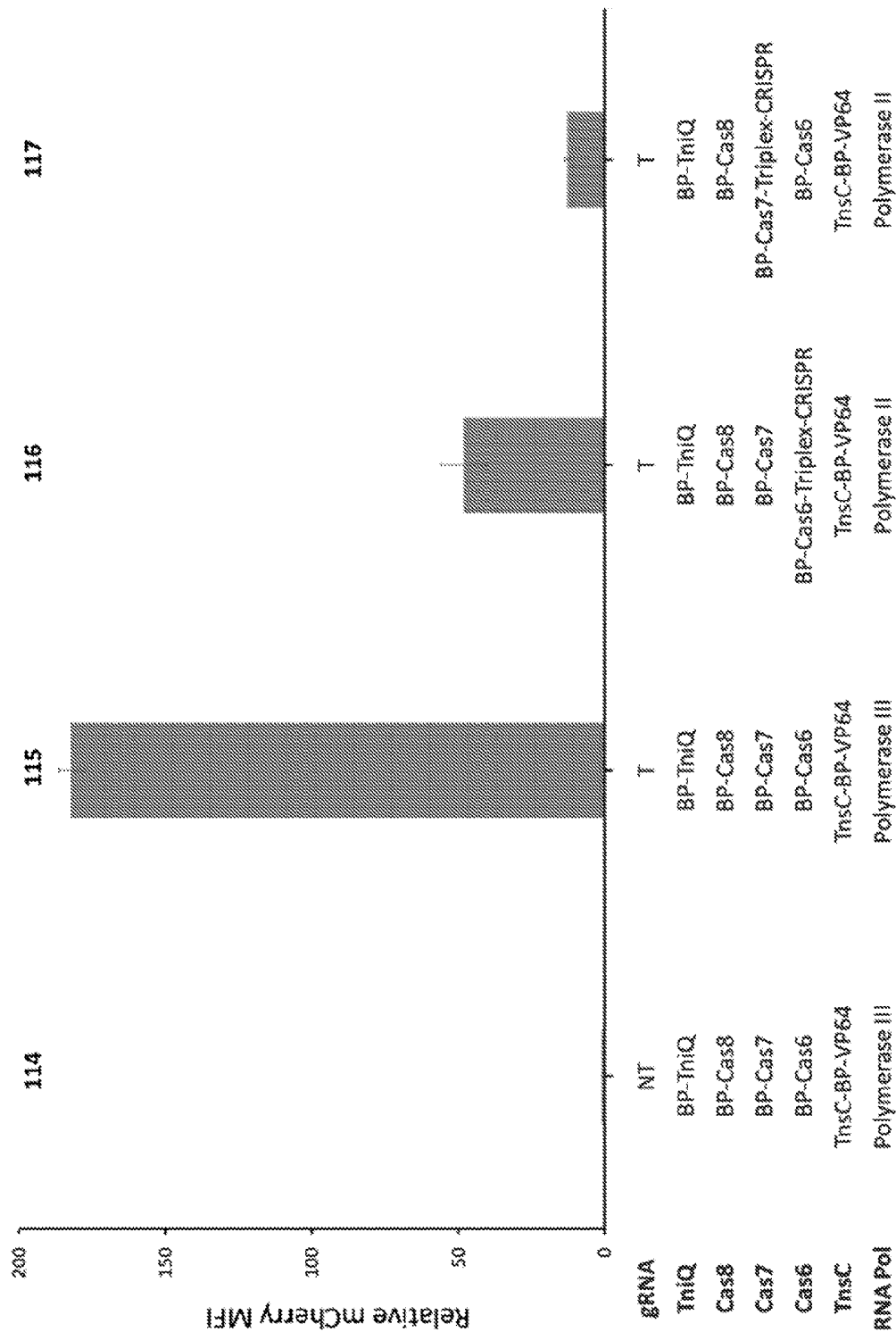


FIG. 9C

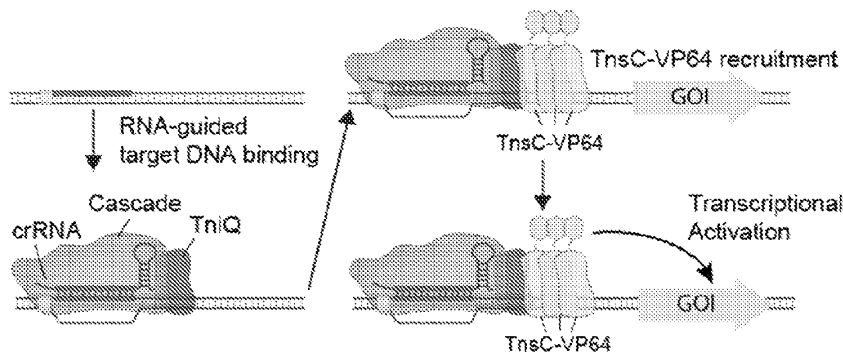


FIG. 10A

TTN

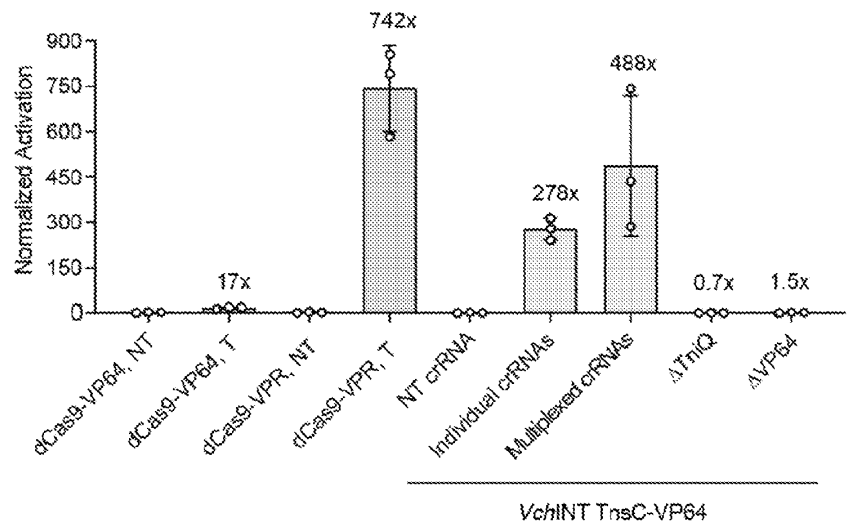


FIG. 10B

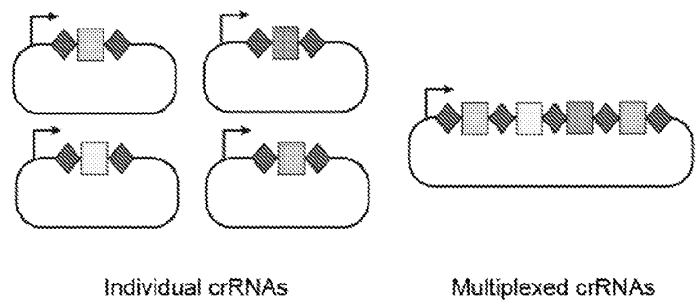


FIG. 10C

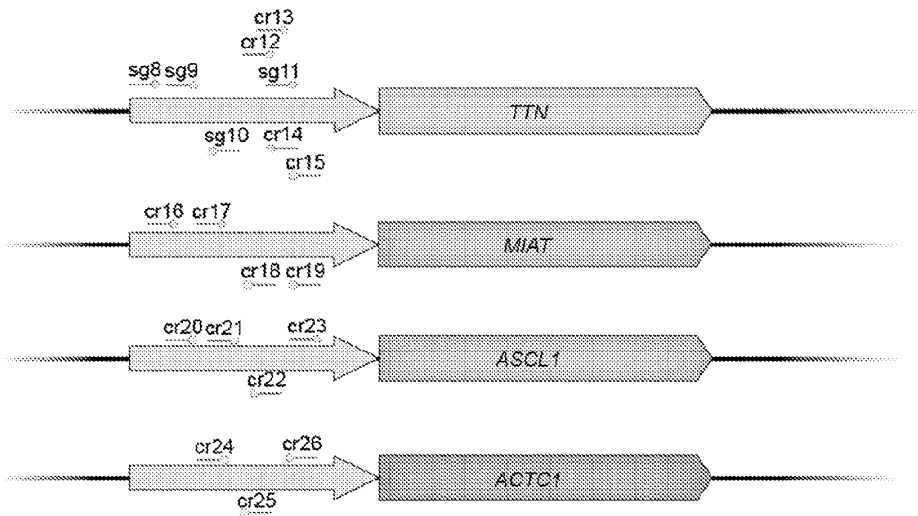


FIG. 10D

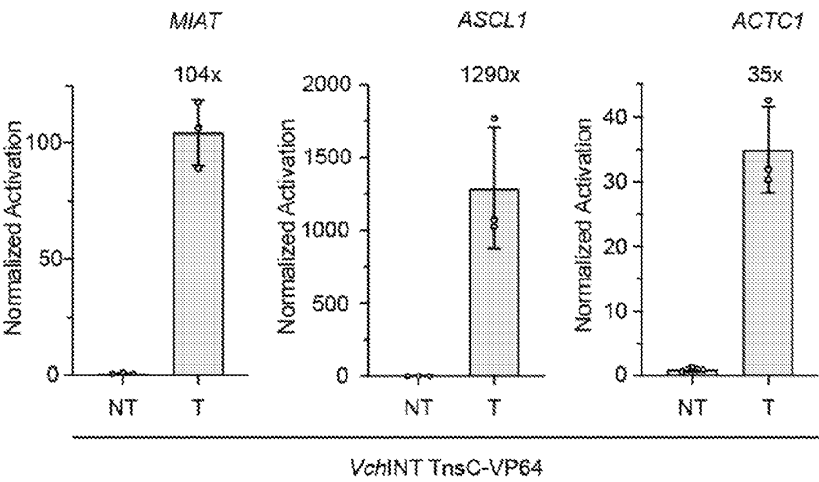


FIG. 10E