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A. B2M target site

AGGGTAGGAGAGACTCACGCTGG
|||||
TCCCATCCTCTCTGAGTGCGACC

B. B2M sgRNA

TAGGGTAGGAGAGACTCACGC -21-nt
AGGGTAGGAGAGACTCACGC -20-nt
GGGTAGGAGAGACTCACGC -19-nt
GGTAGGAGAGACTCACGC -18-nt
GTAGGAGAGACTCACGC -17-nt
TAGGAGAGACTCACGC -16-nt
AGGAGAGACTCACGC -15-nt
GGAGAGACTCACGC -14-nt
GAGAGACTCACGC -13-nt
AGAGACTCACGC -12-nt
GAGACTCACGC -11-nt
AGACTCACGC -10-nt

FIGURE 1

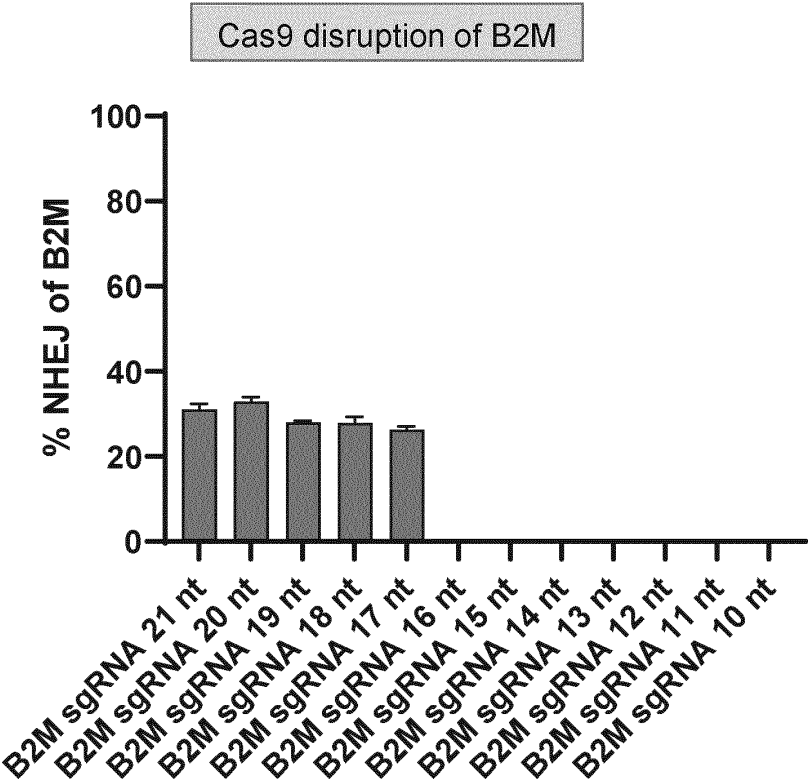


FIGURE 2

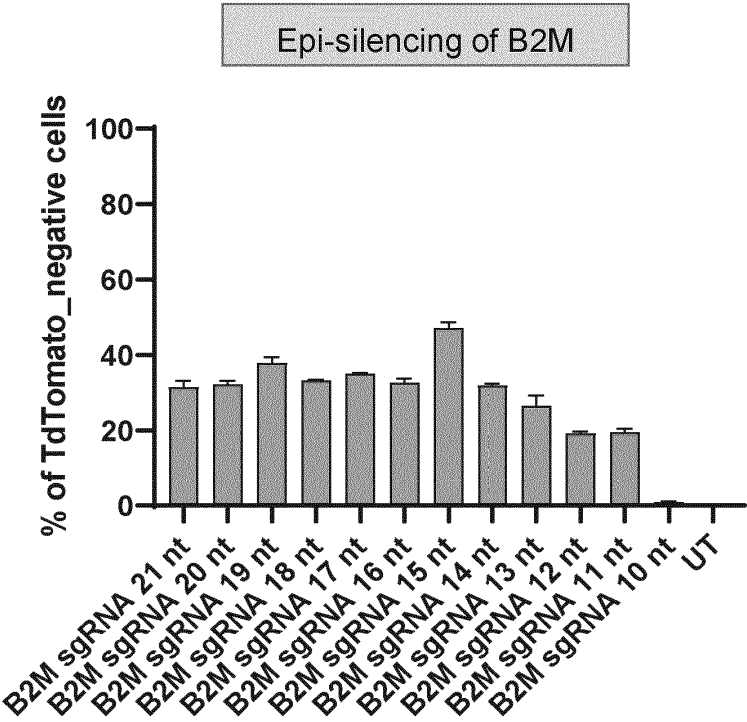


FIGURE 3

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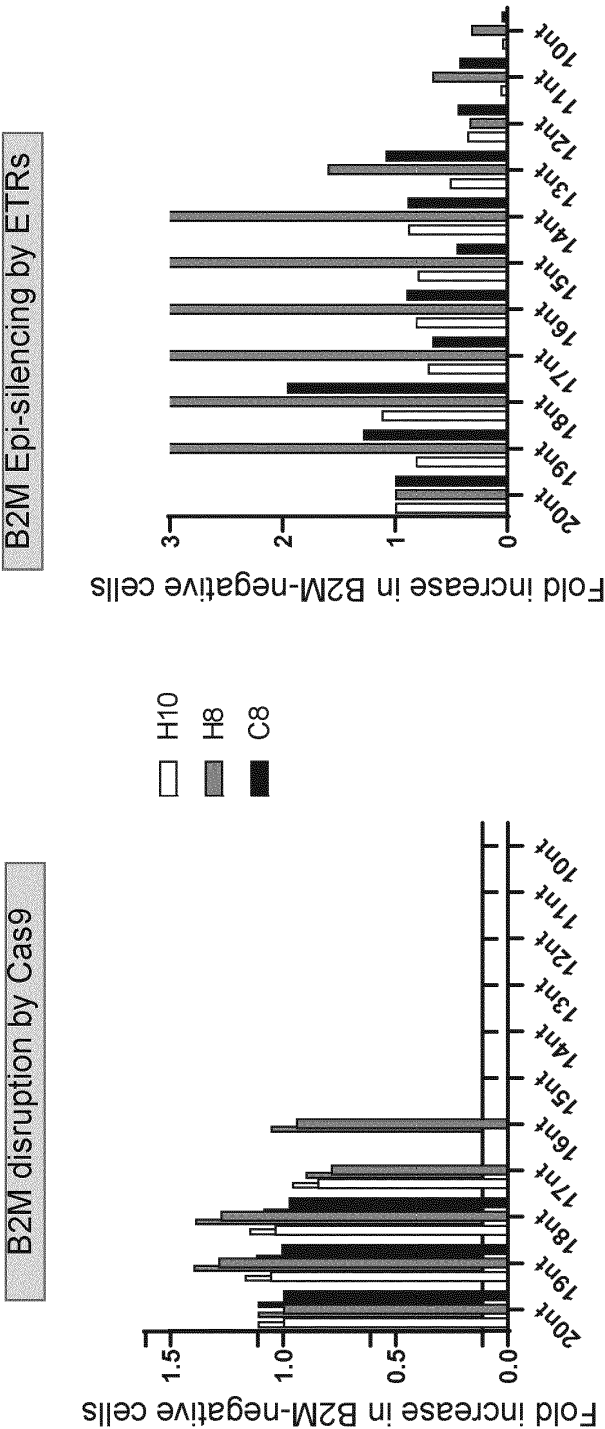


FIGURE 4

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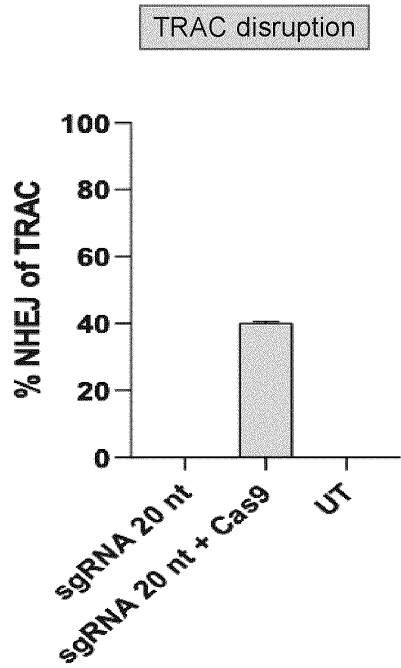


FIGURE 5

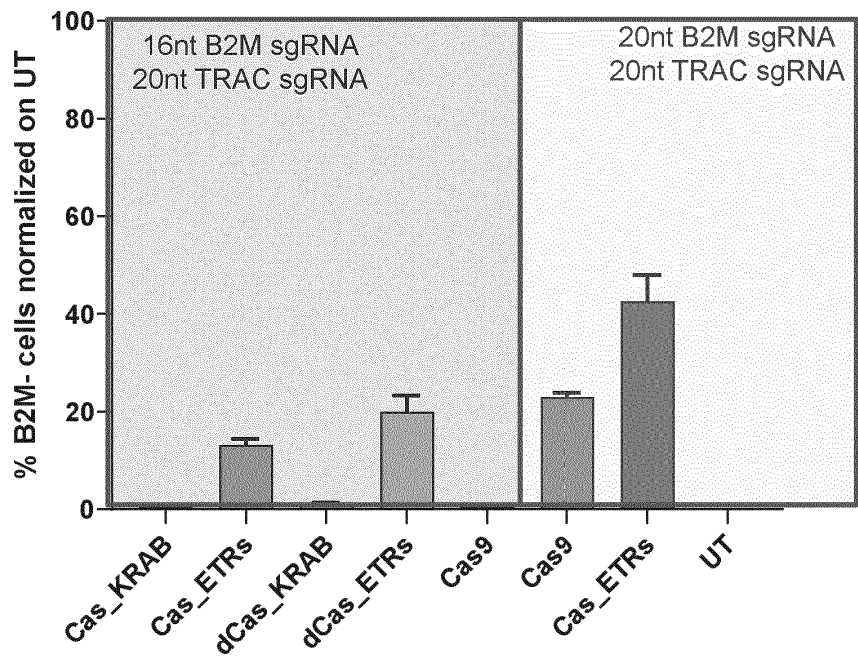


FIGURE 6

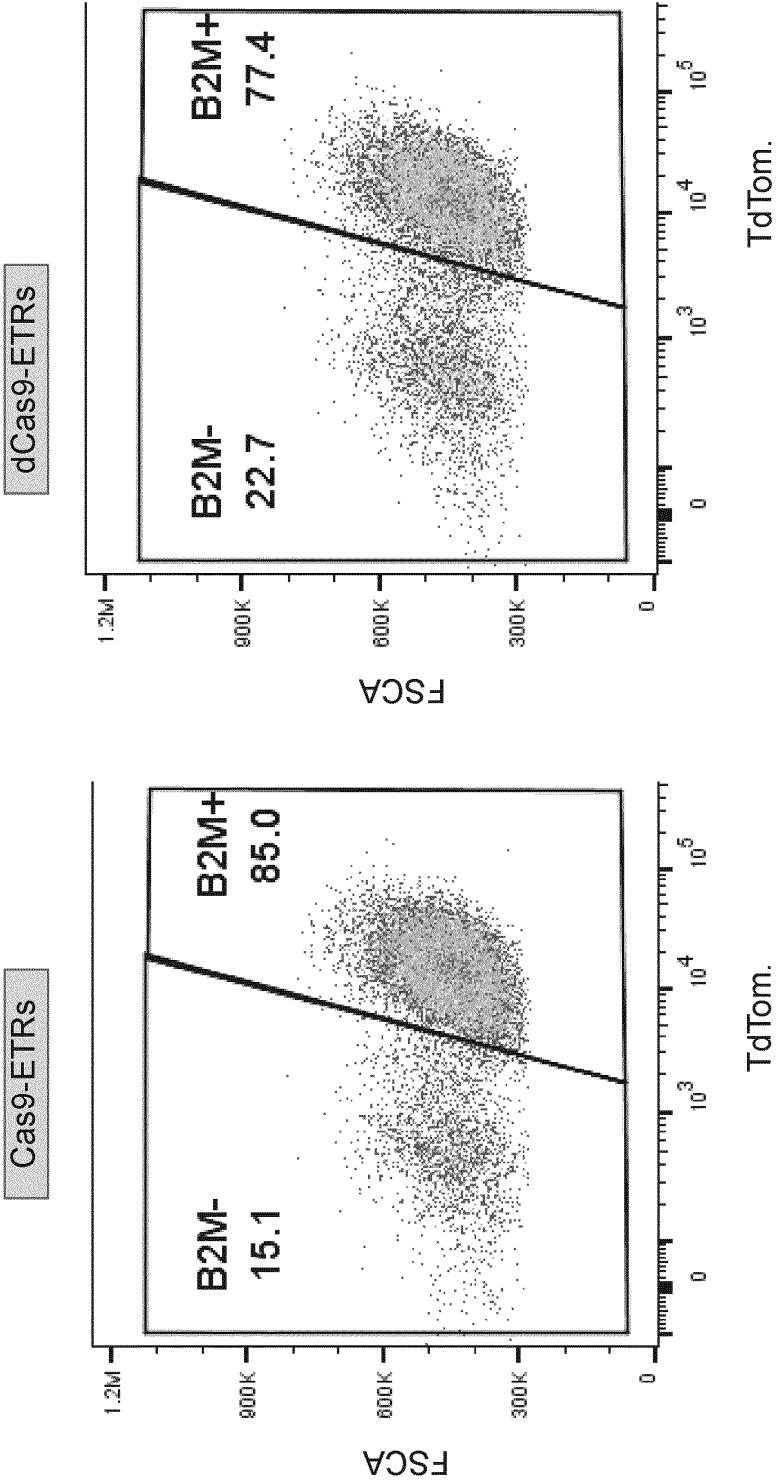


FIGURE 7

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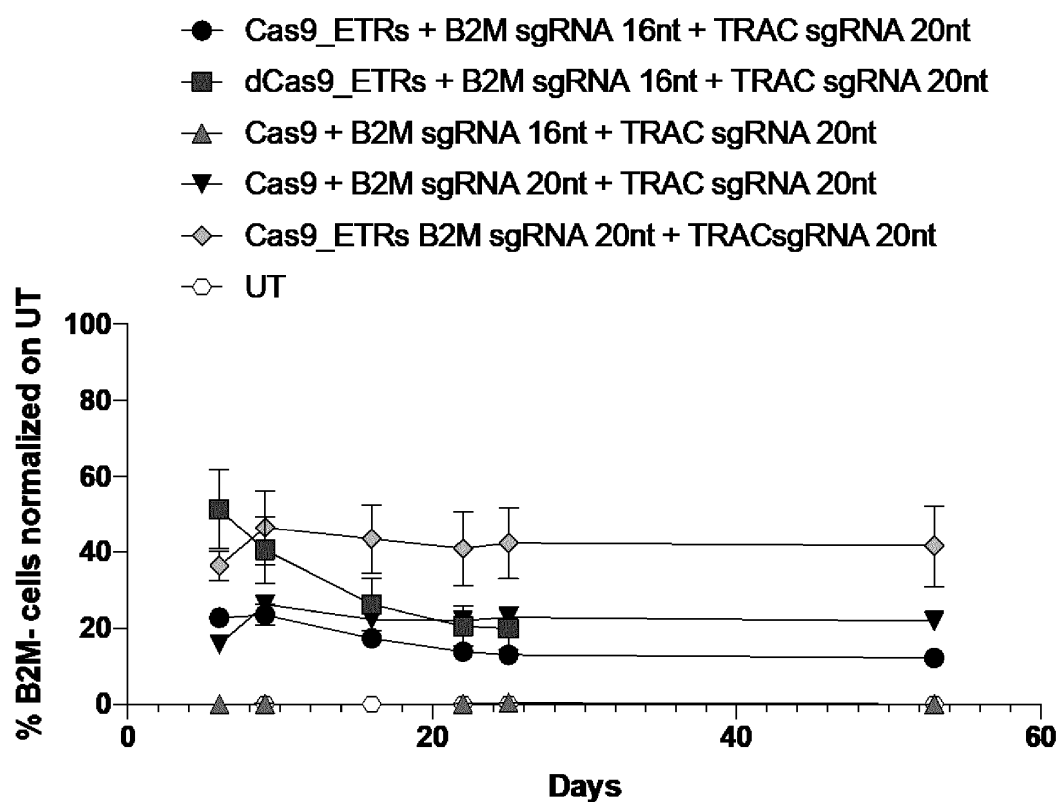


FIGURE 8

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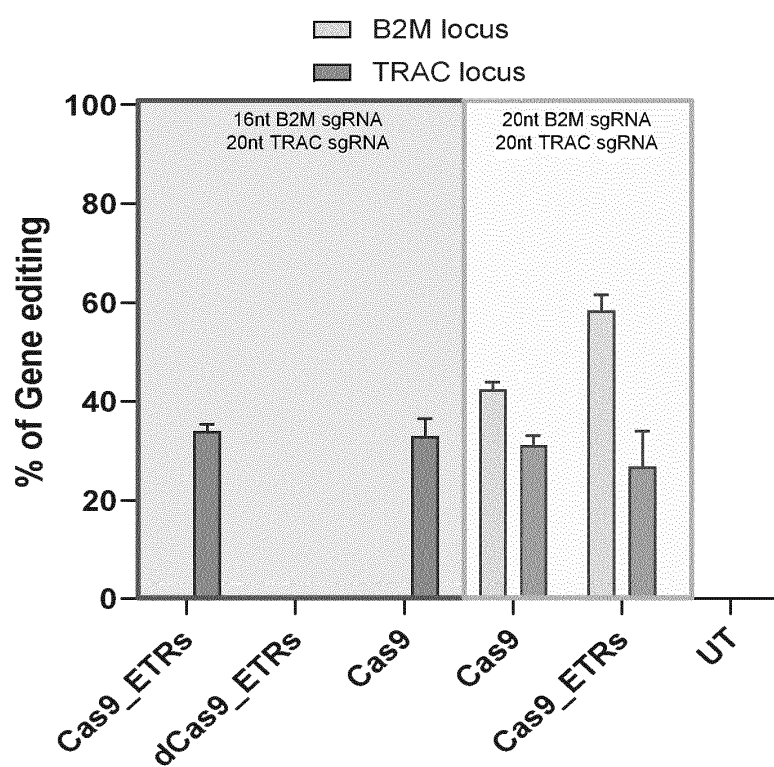


FIGURE 9

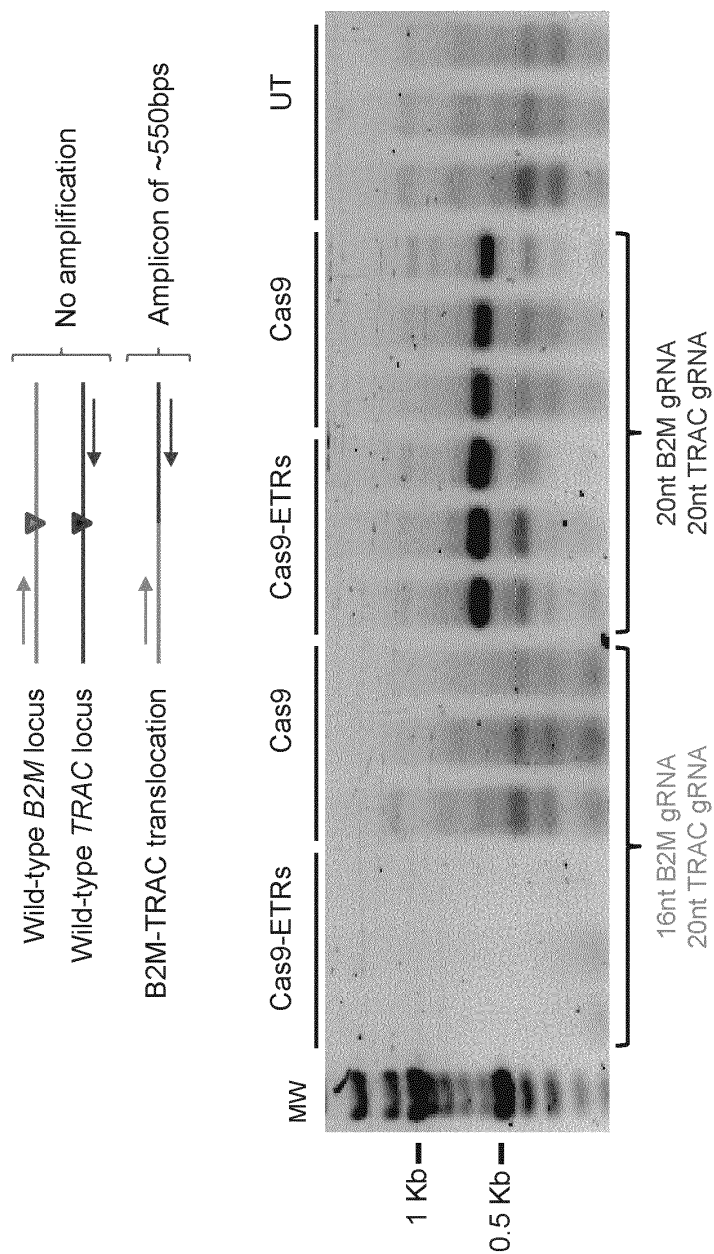


FIGURE 10

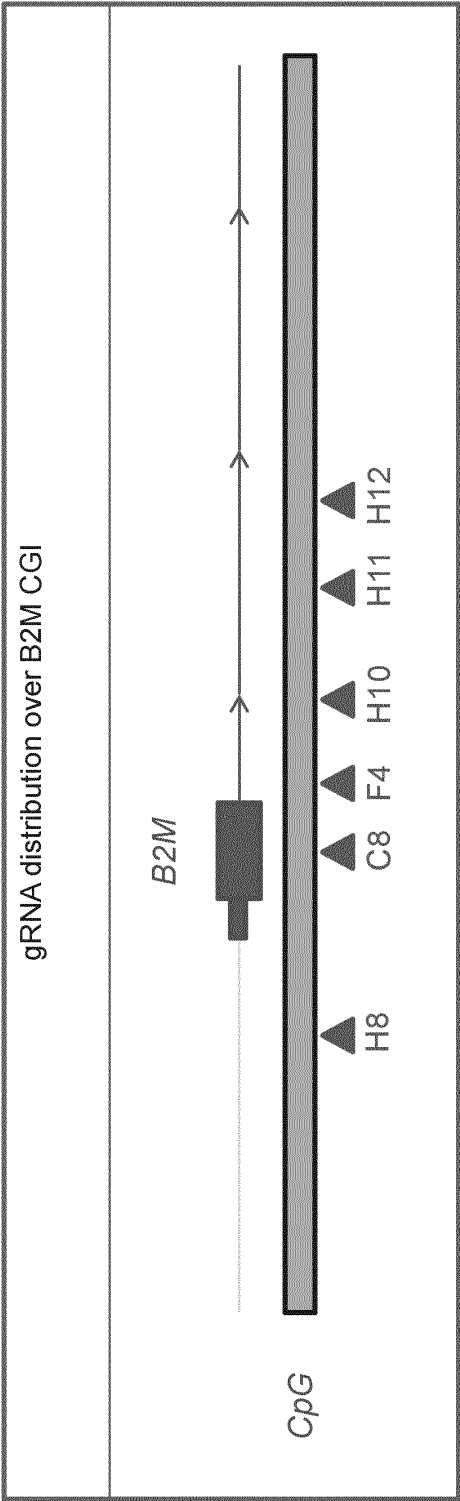


FIGURE 11

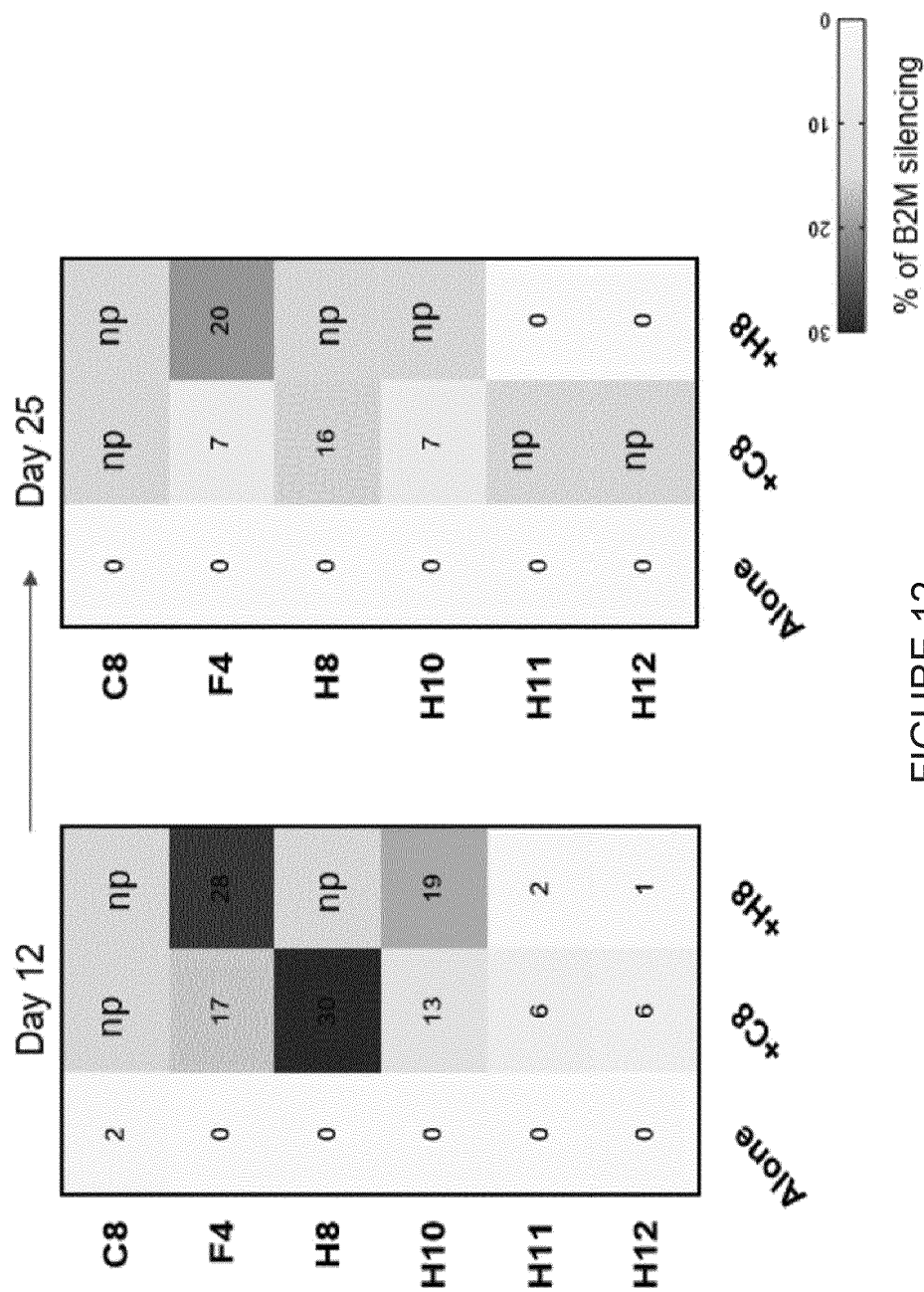


FIGURE 12

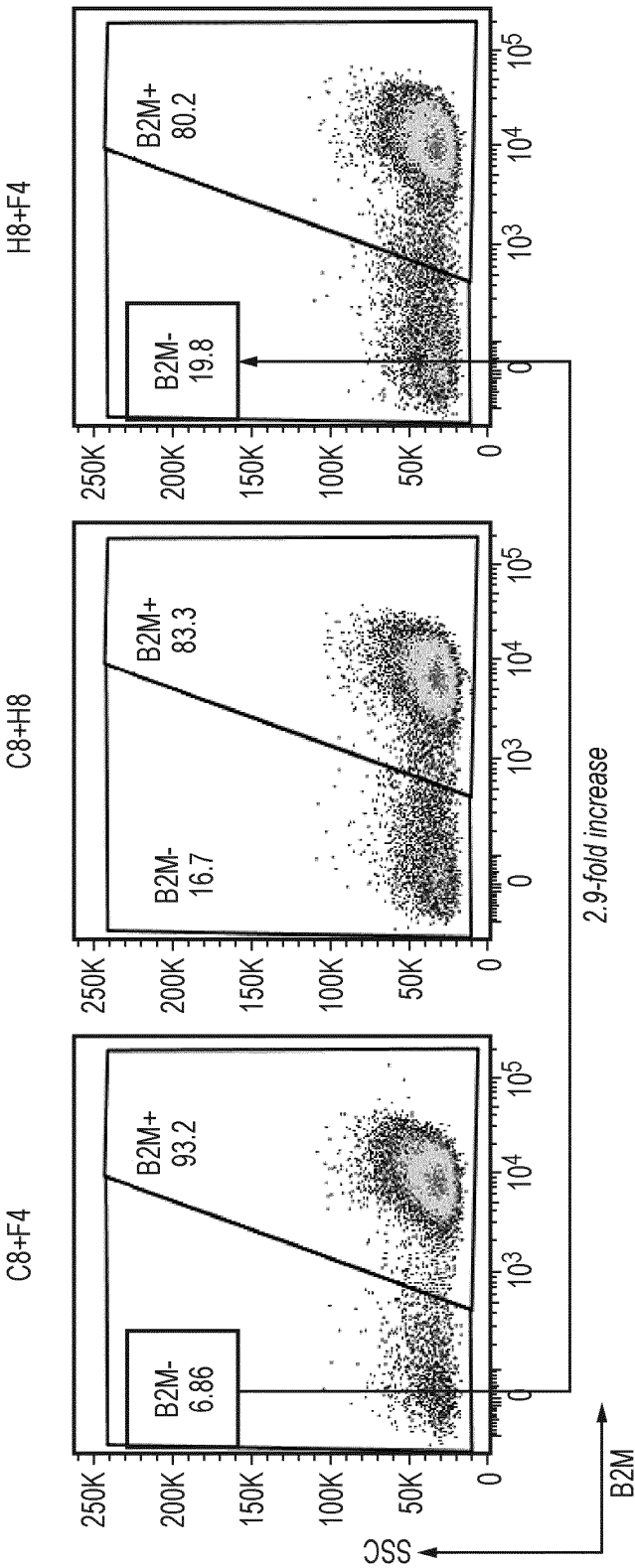


FIGURE 13

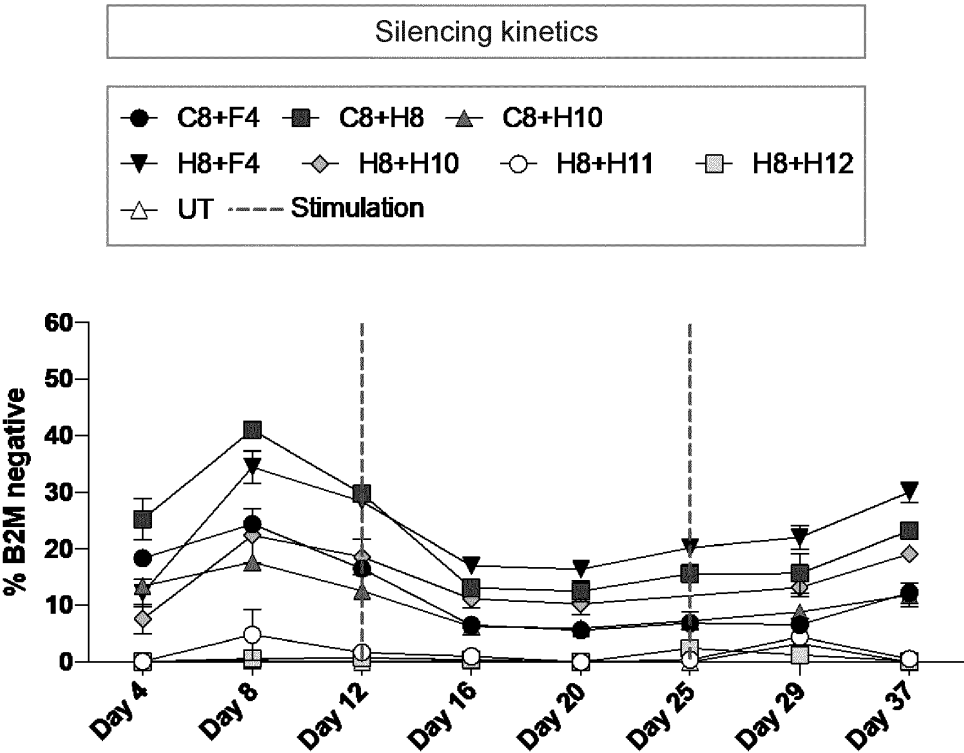


FIGURE 14

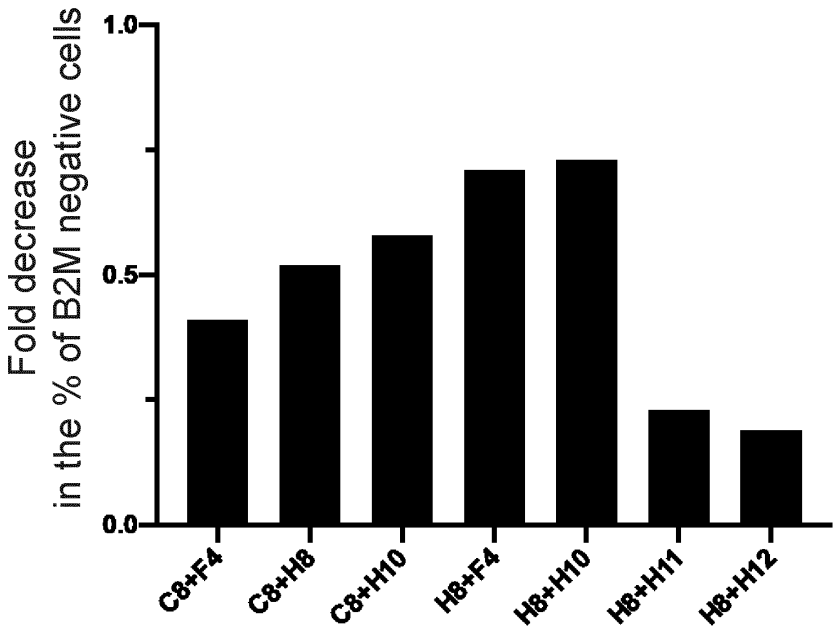


FIGURE 15

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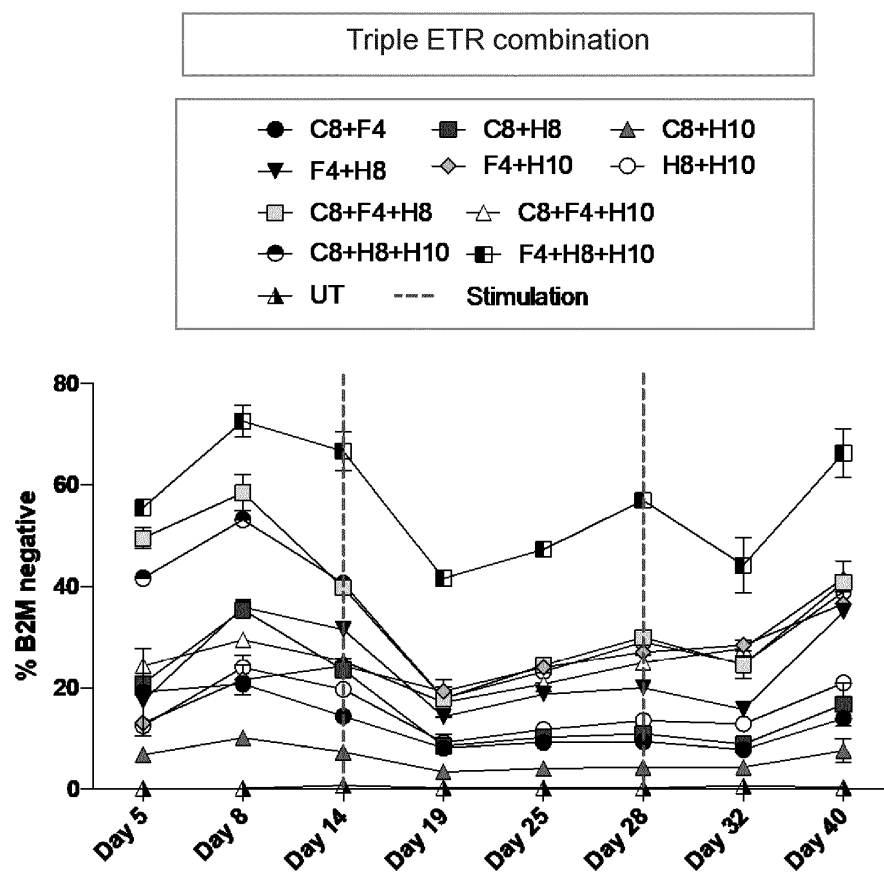


FIGURE 16

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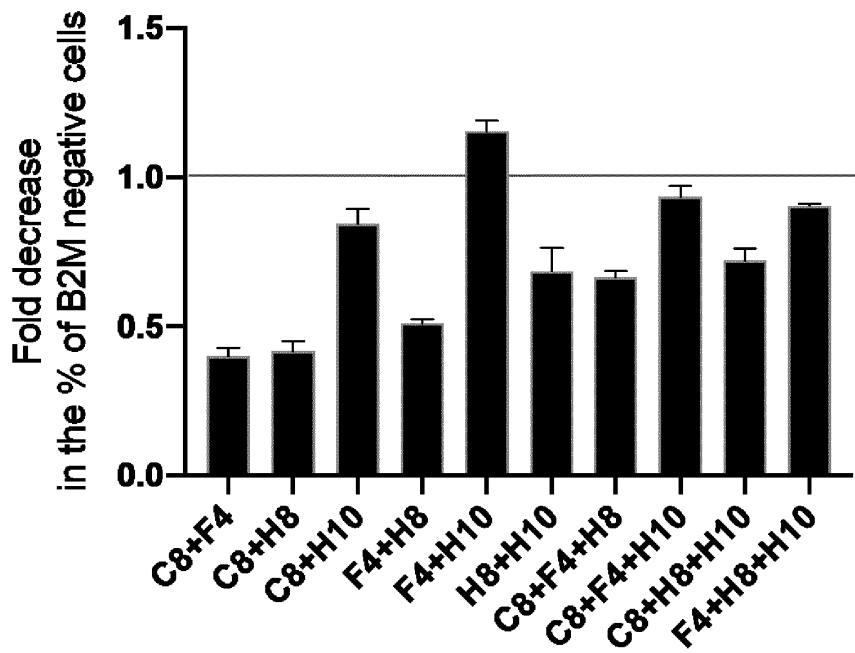


FIGURE 17

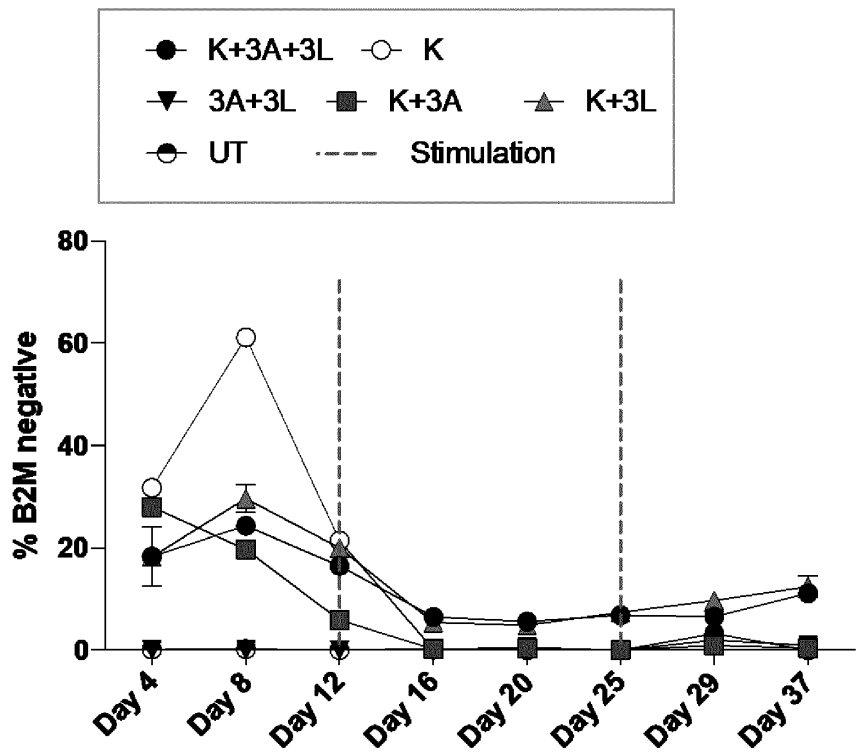


FIGURE 18A

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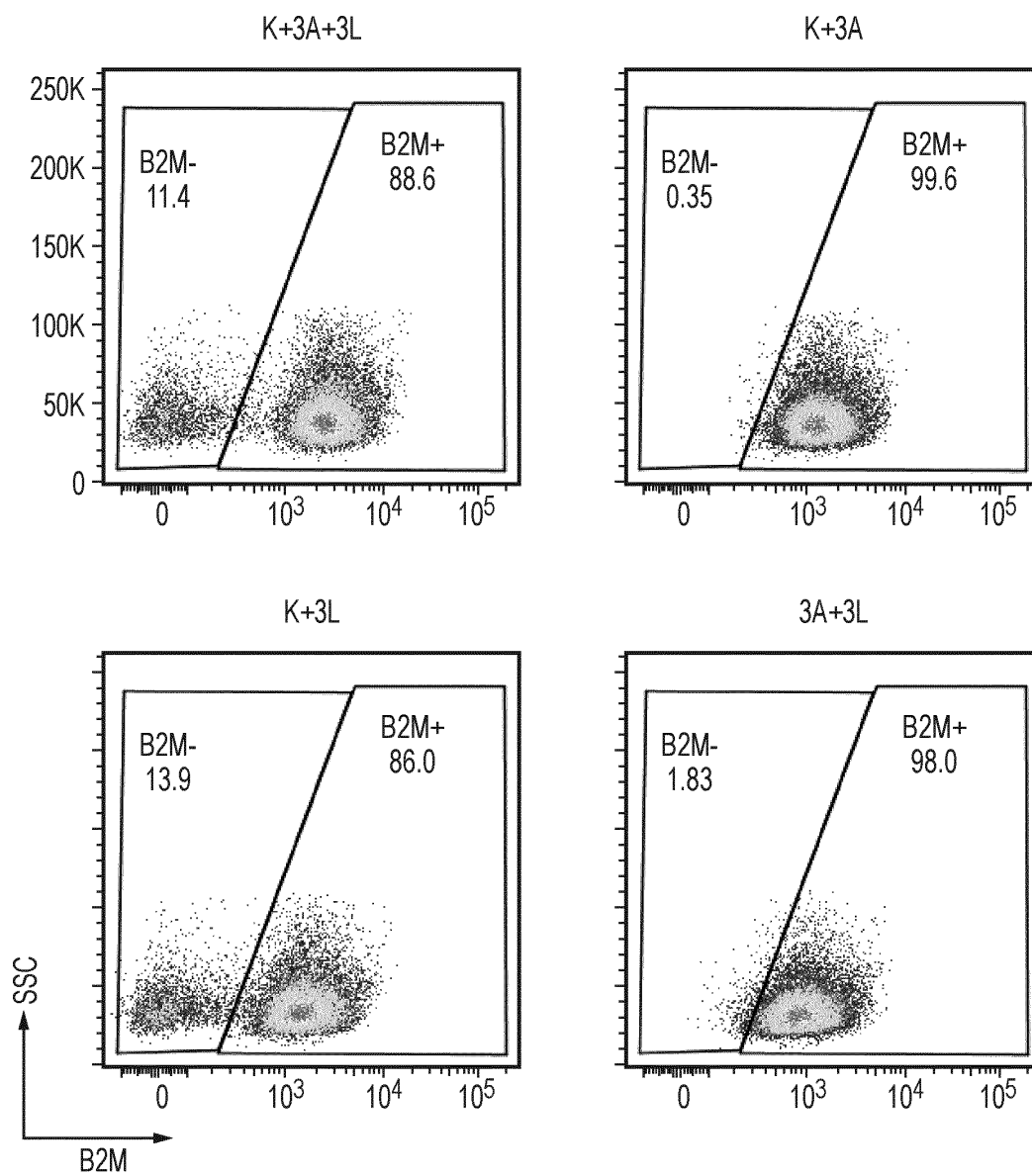


FIGURE 18B

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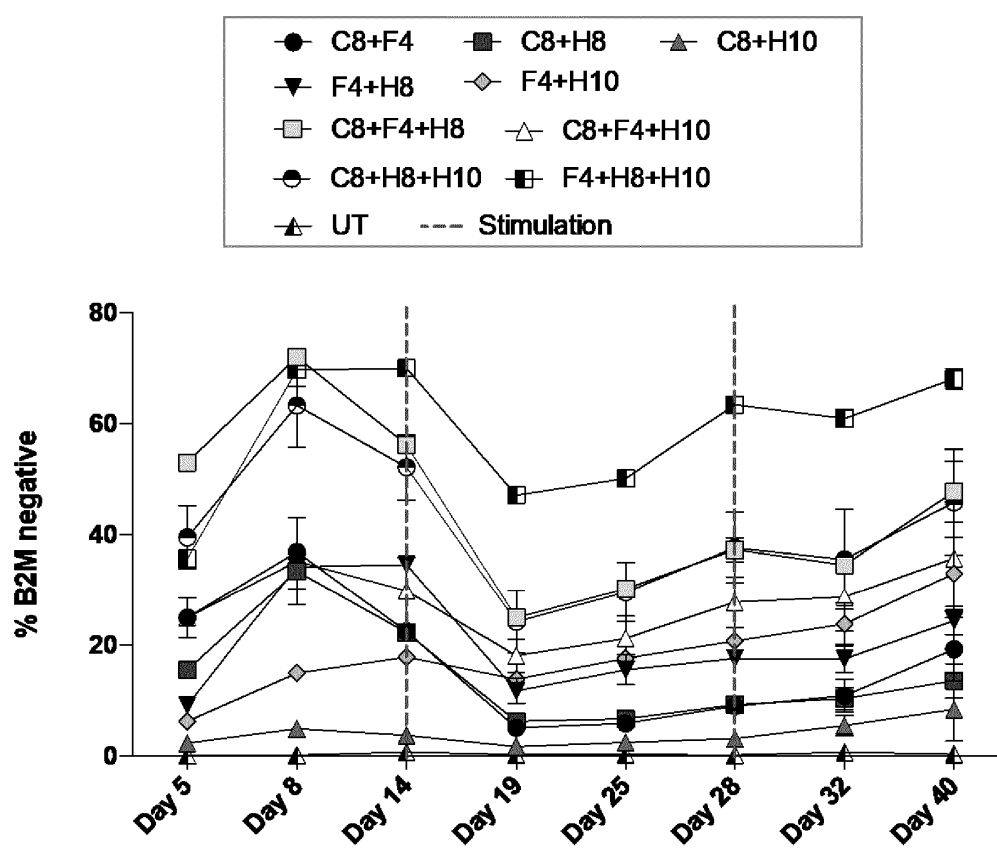


FIGURE 19

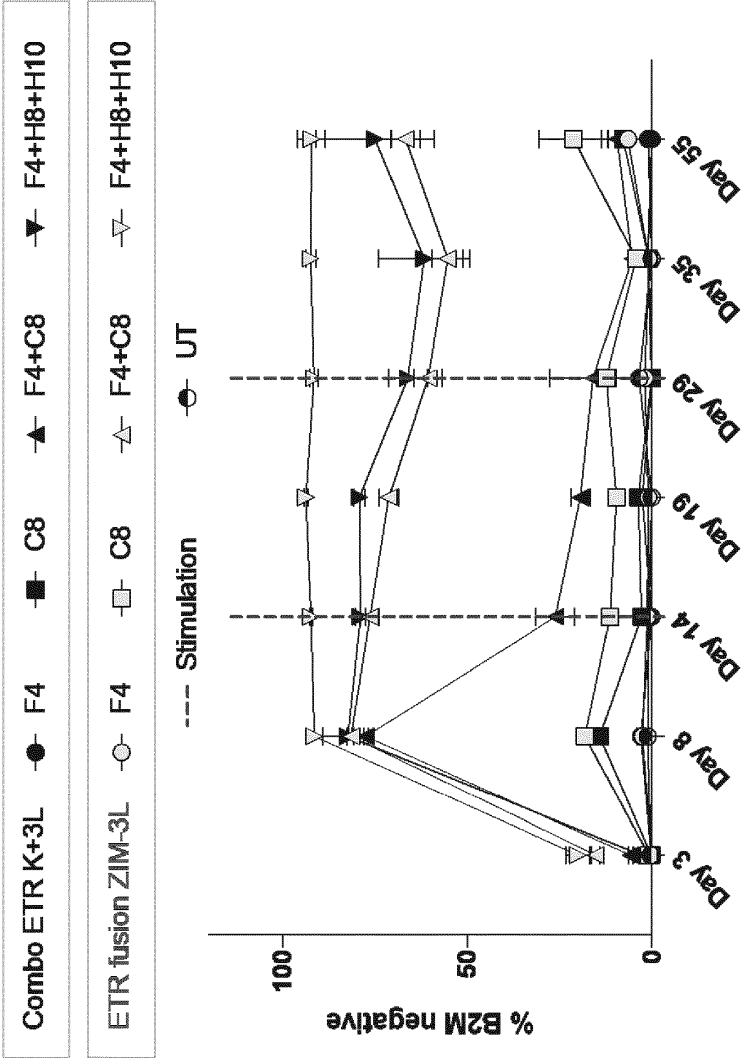
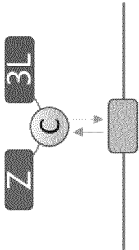


FIGURE 20A

Fusion ZIM3:dCas9:3L



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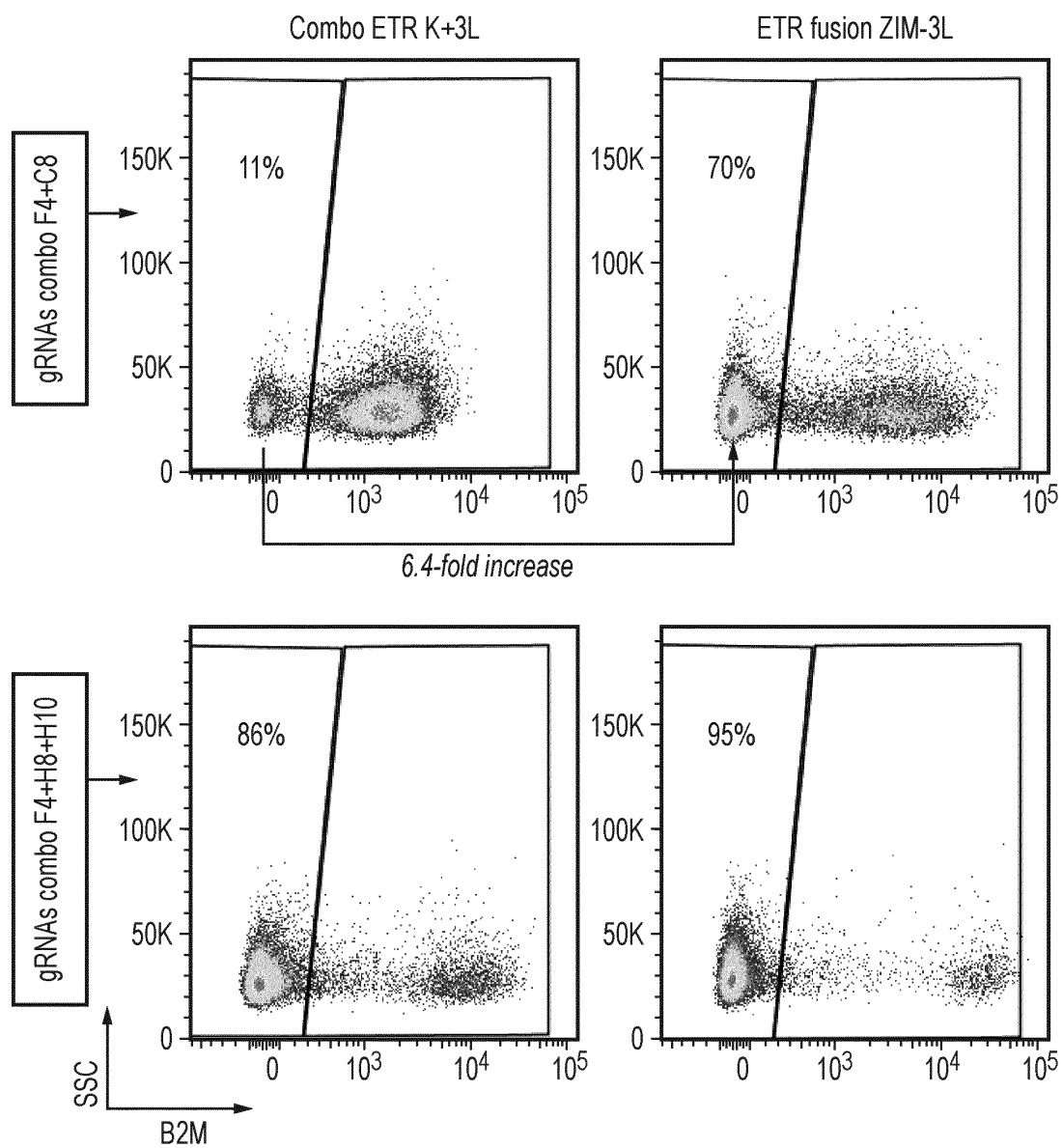


FIGURE 20B

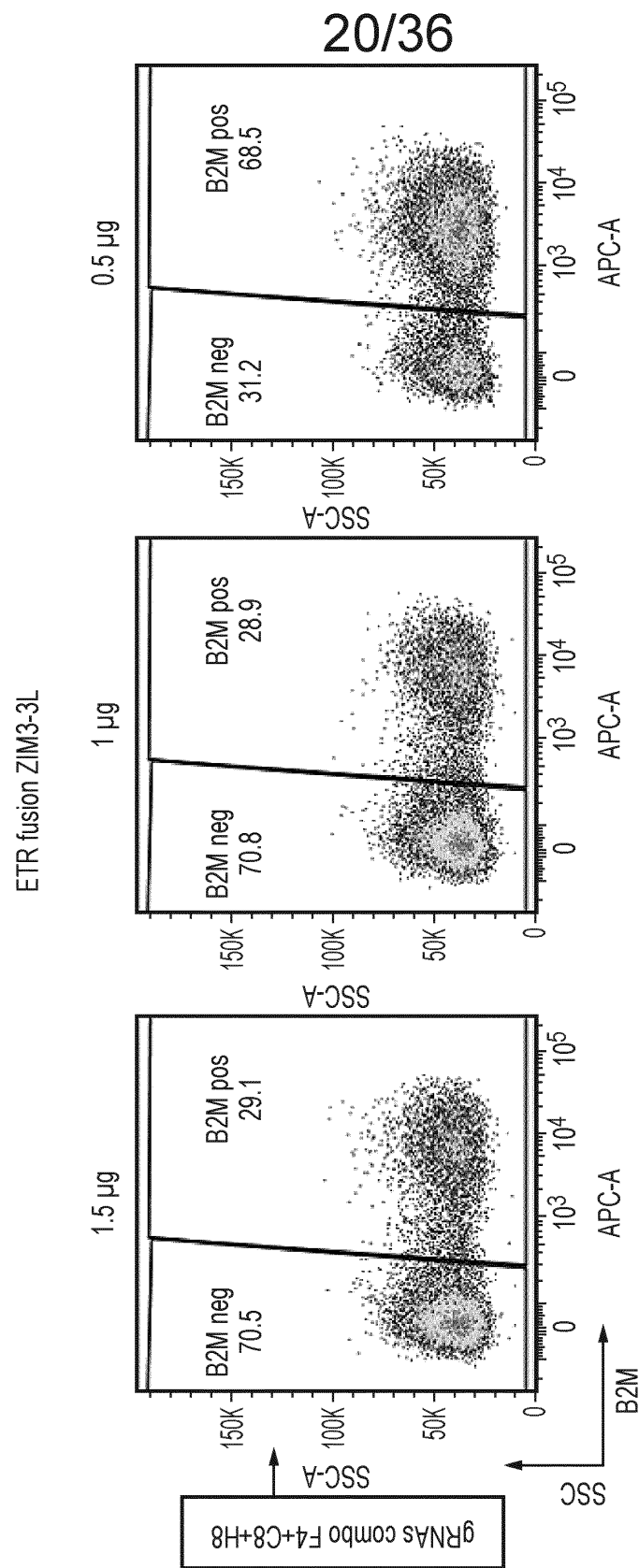


FIGURE 21

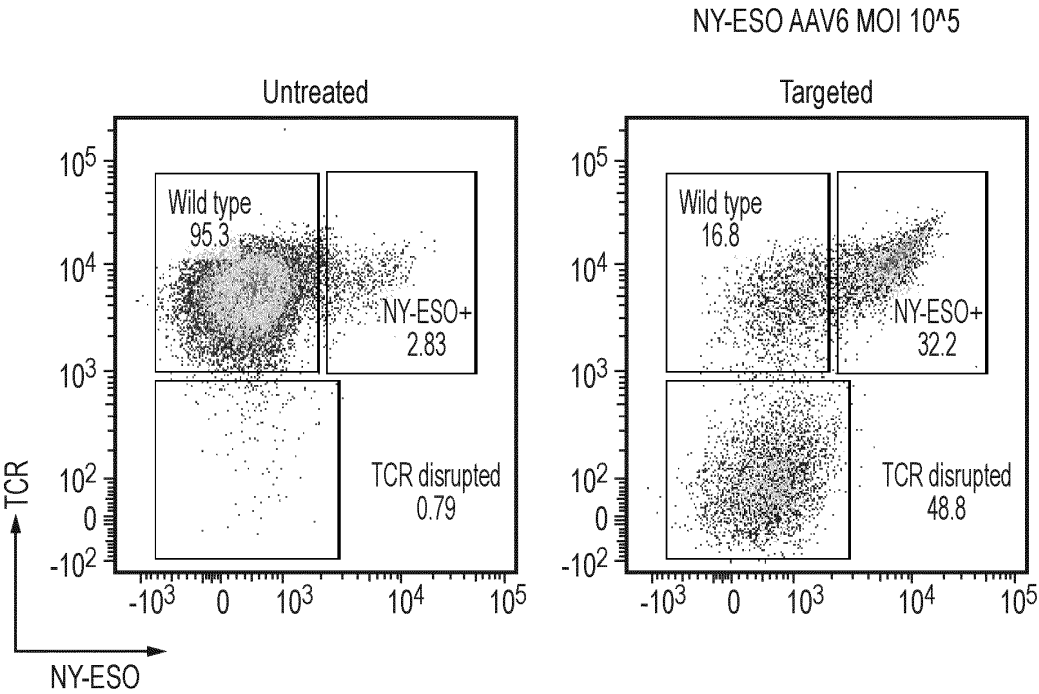


FIGURE 22

Double ETM combination: Cas9-3L + Cas9-K

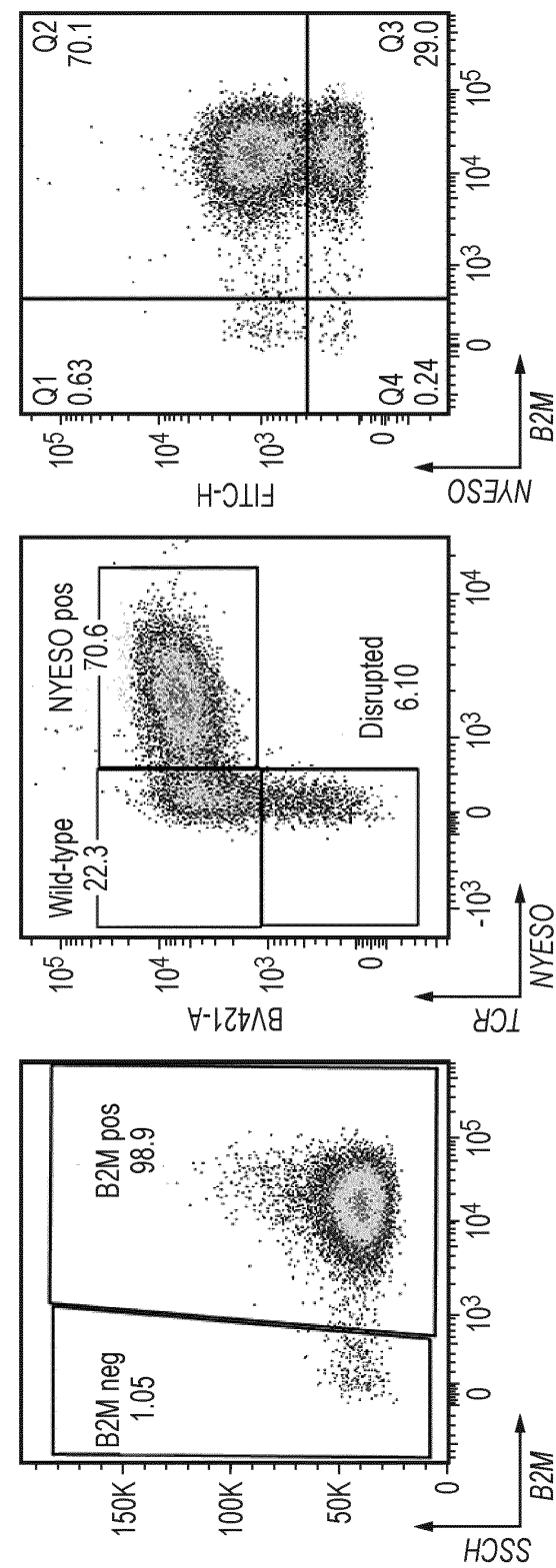
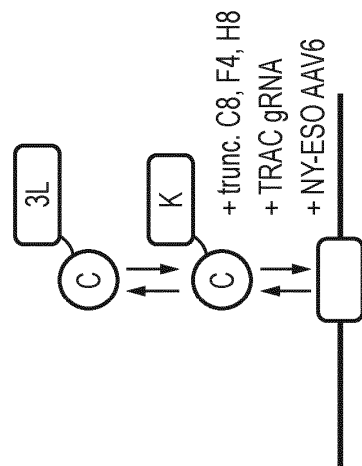


FIGURE 23

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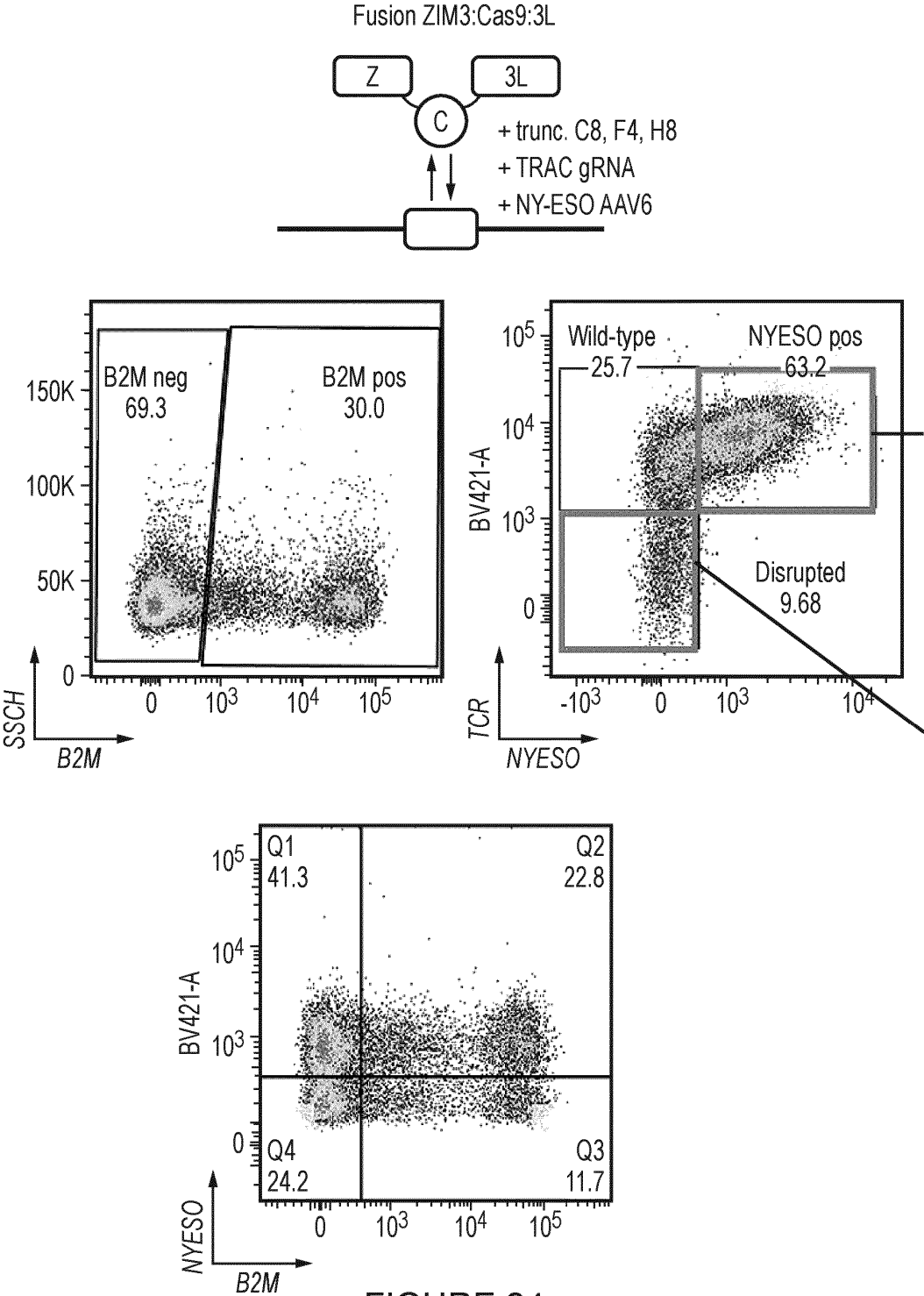


FIGURE 24

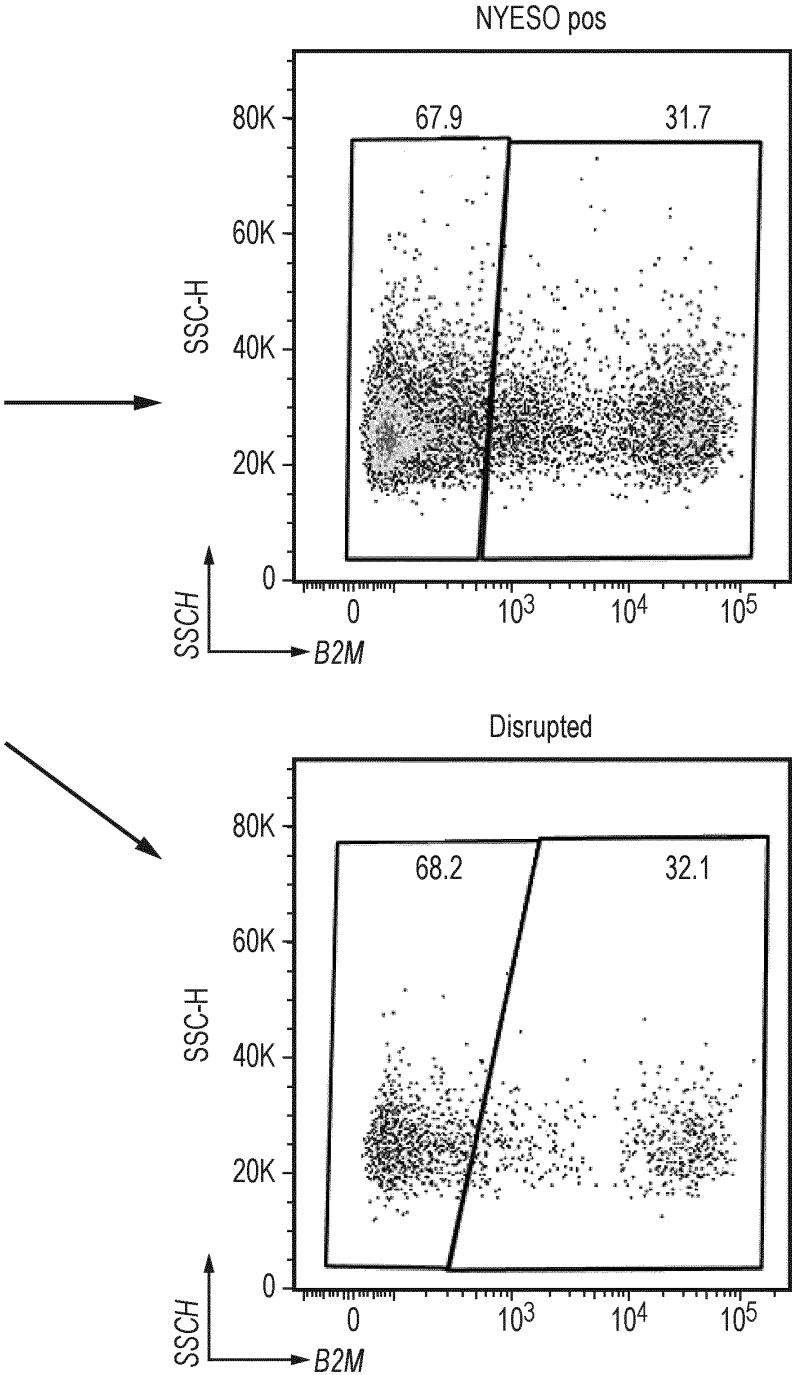


FIGURE 24 (Continued)

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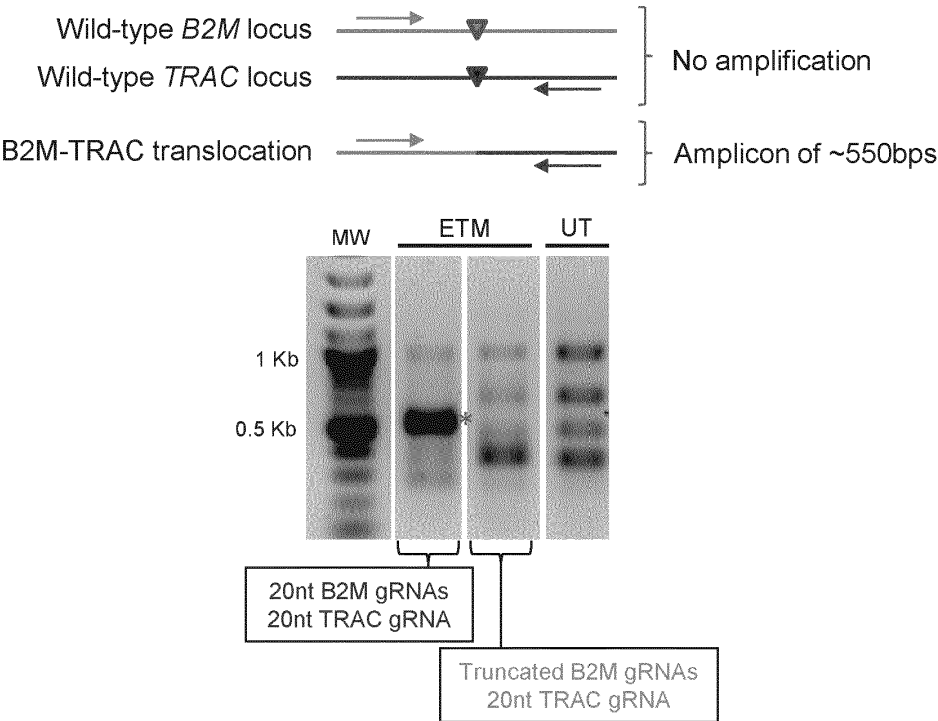


FIGURE 25

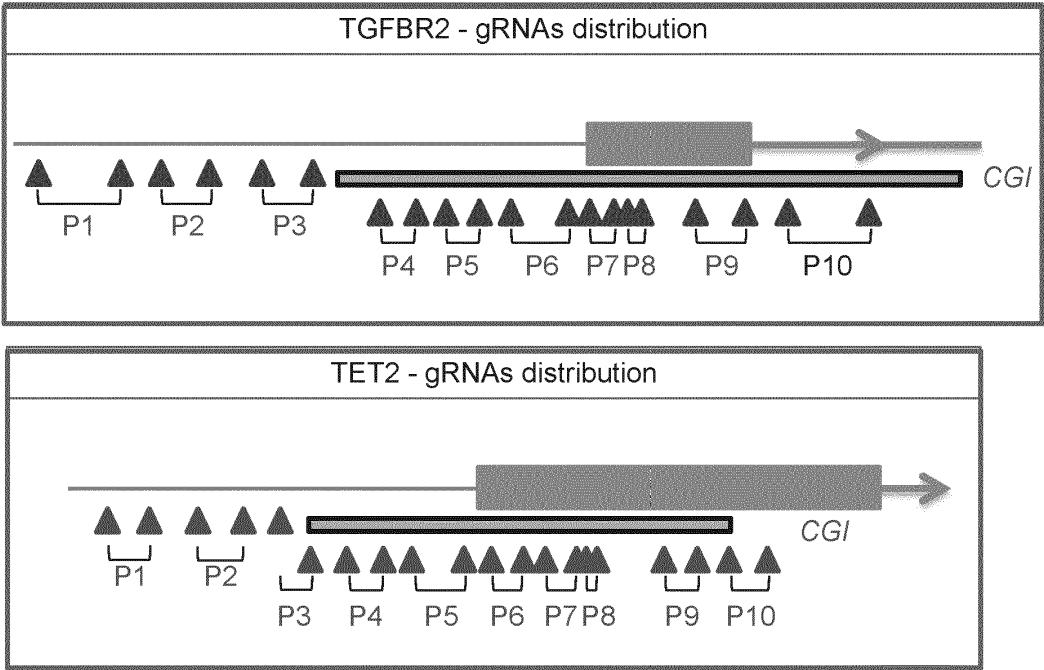


FIGURE 26

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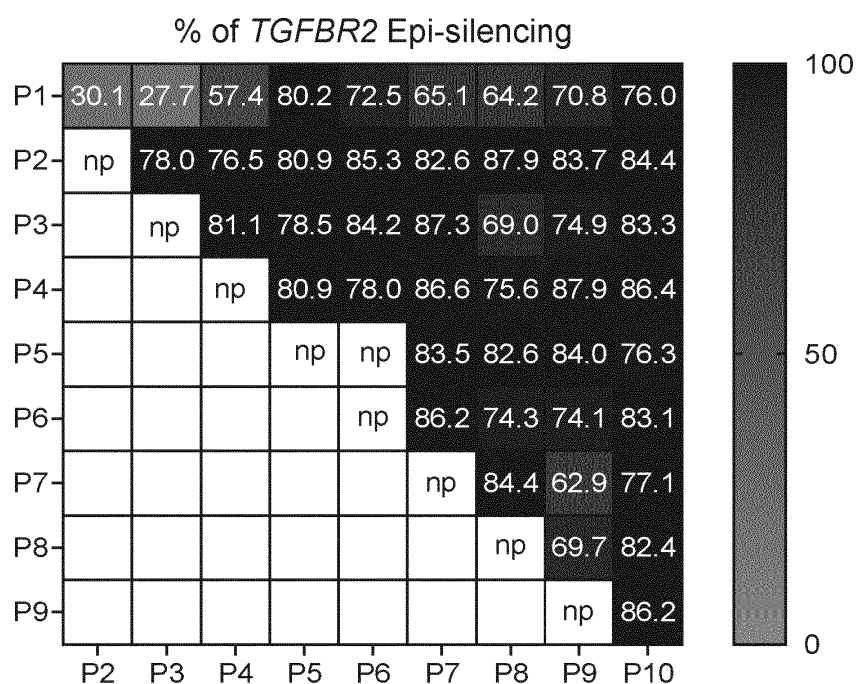


FIGURE 27

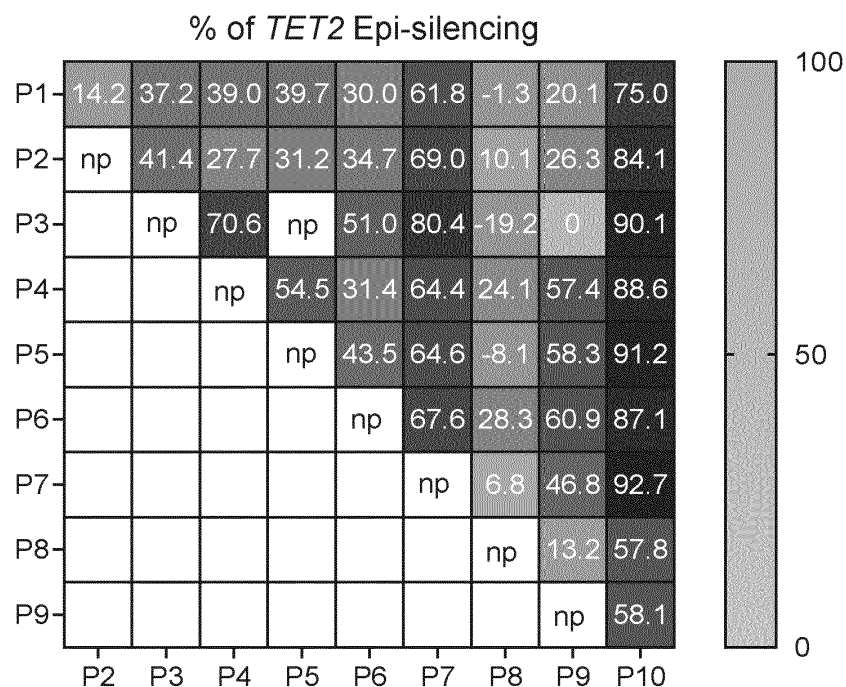


FIGURE 28

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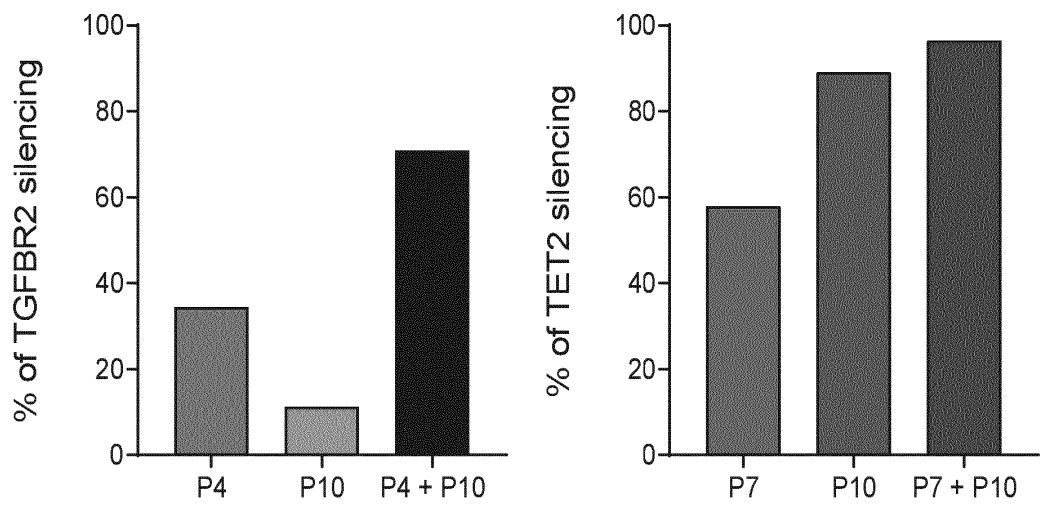


FIGURE 29

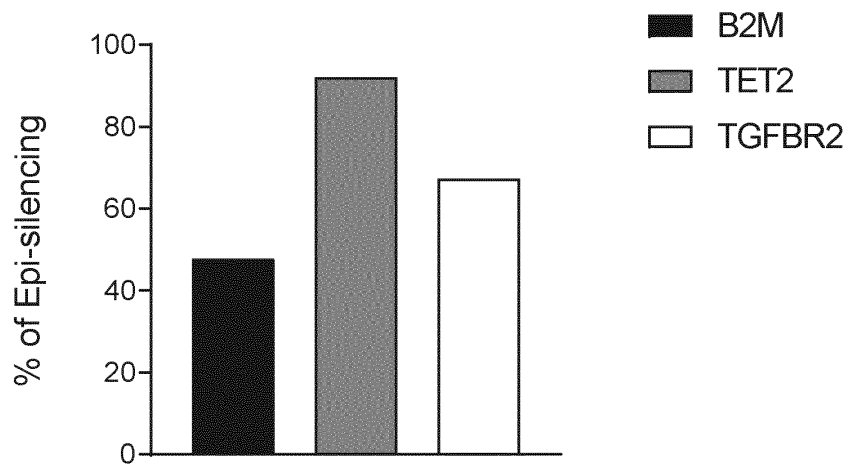


FIGURE 30

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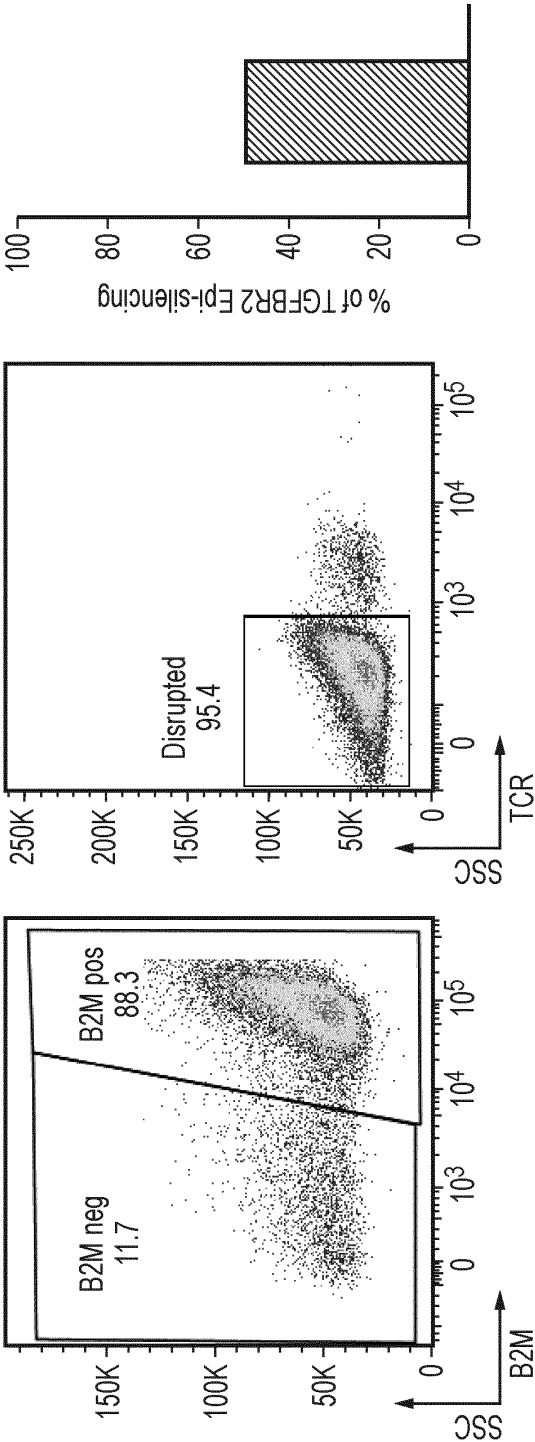


FIGURE 31

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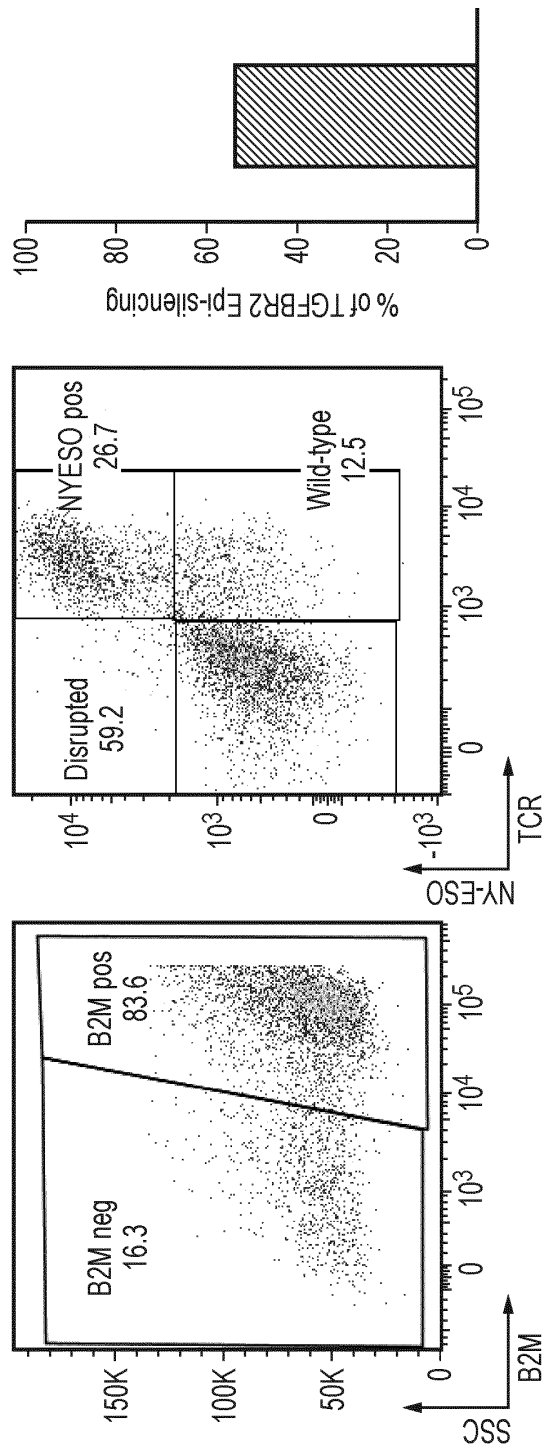


FIGURE 32

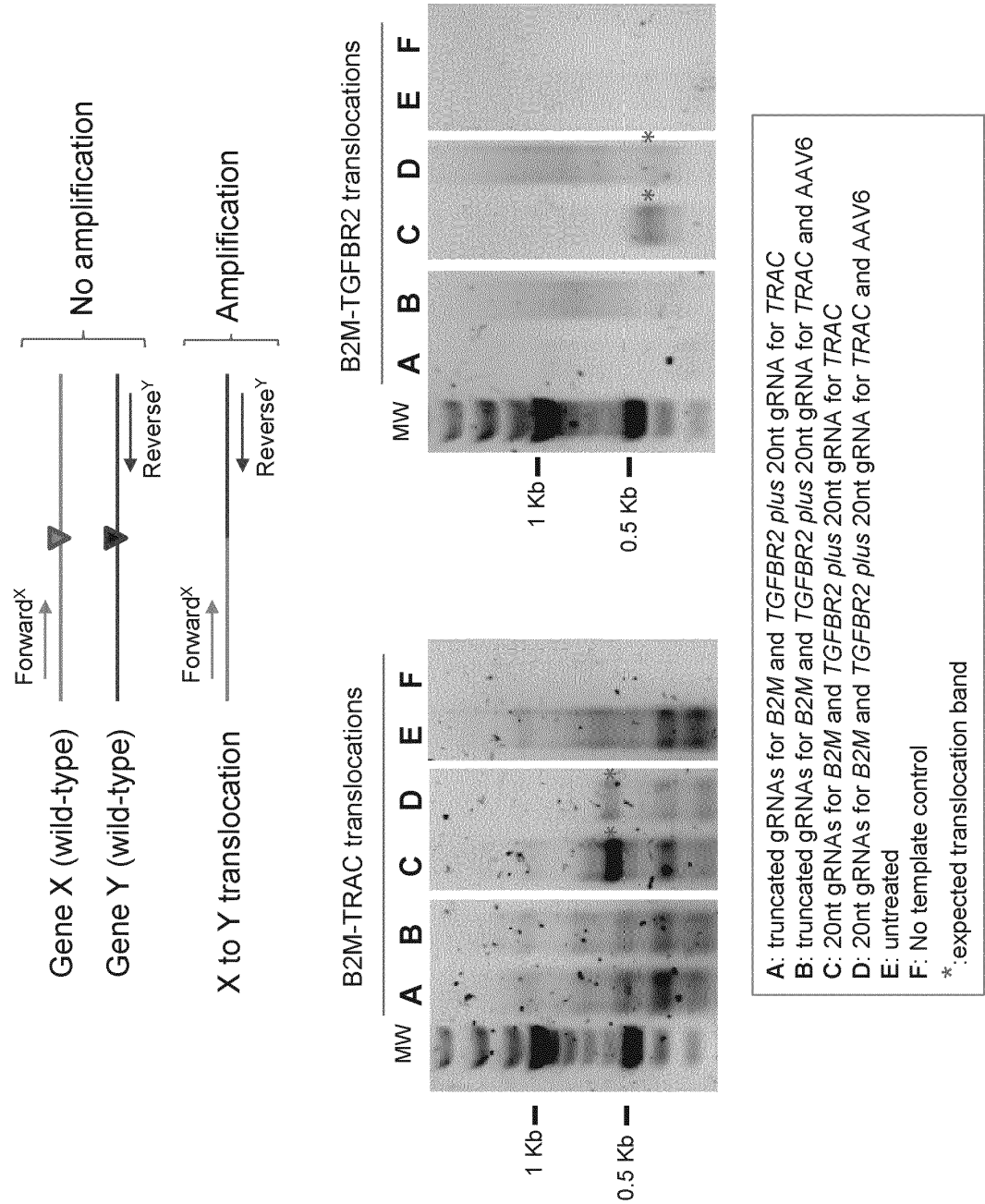


FIGURE 33

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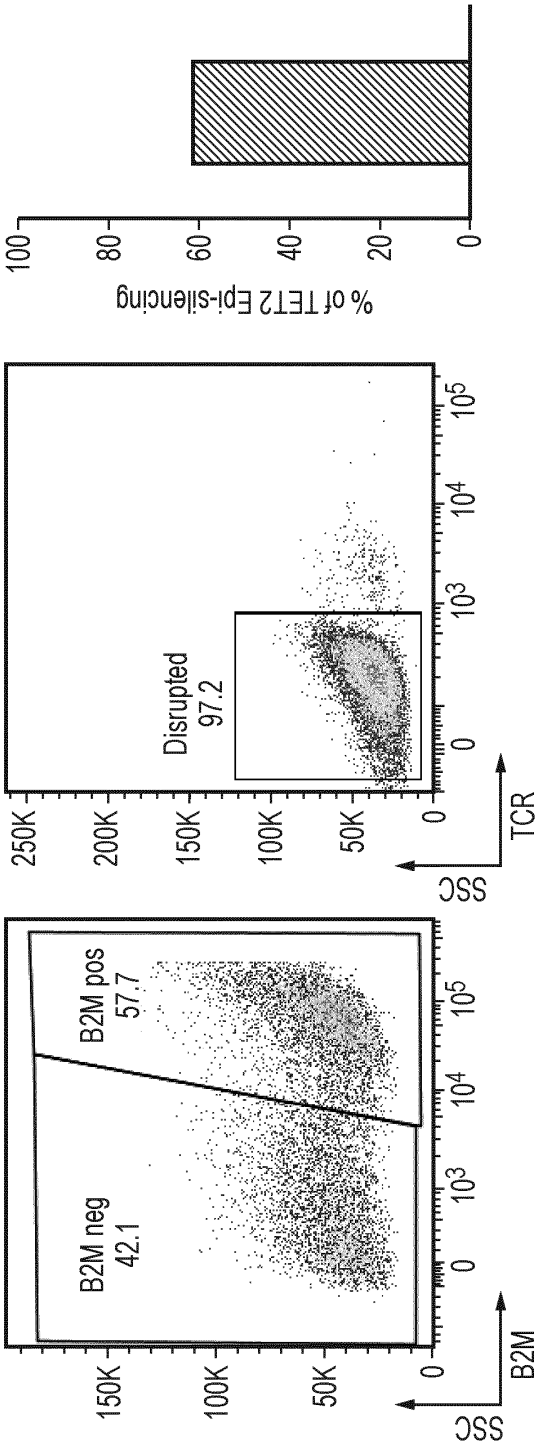


FIGURE 34

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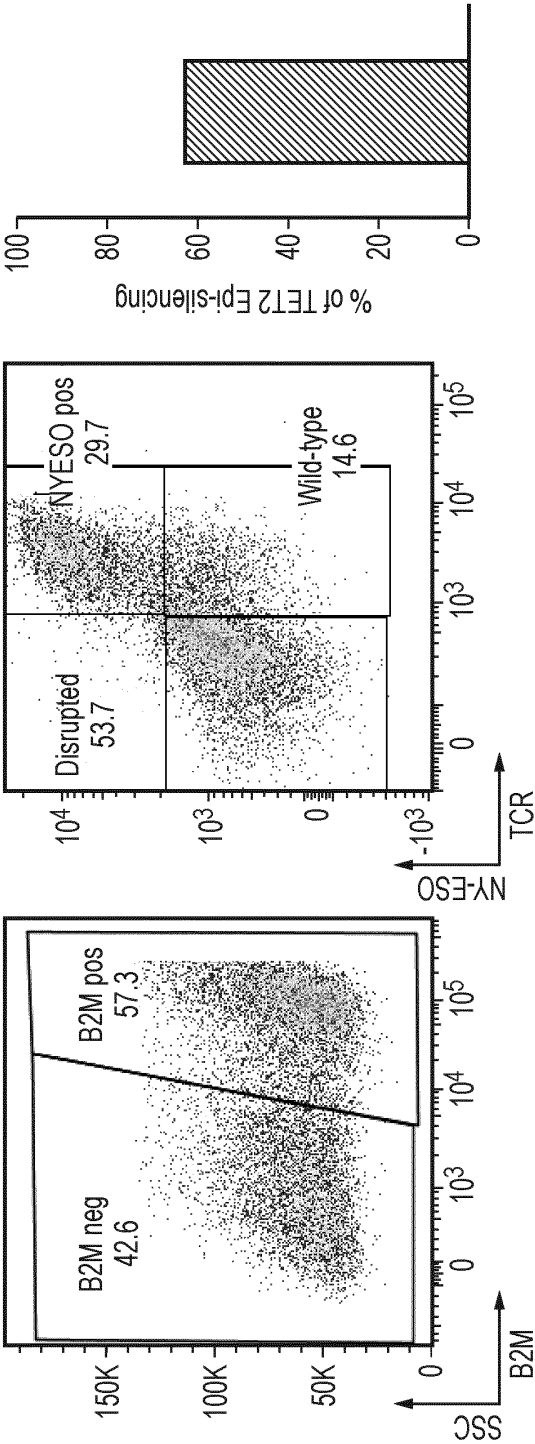
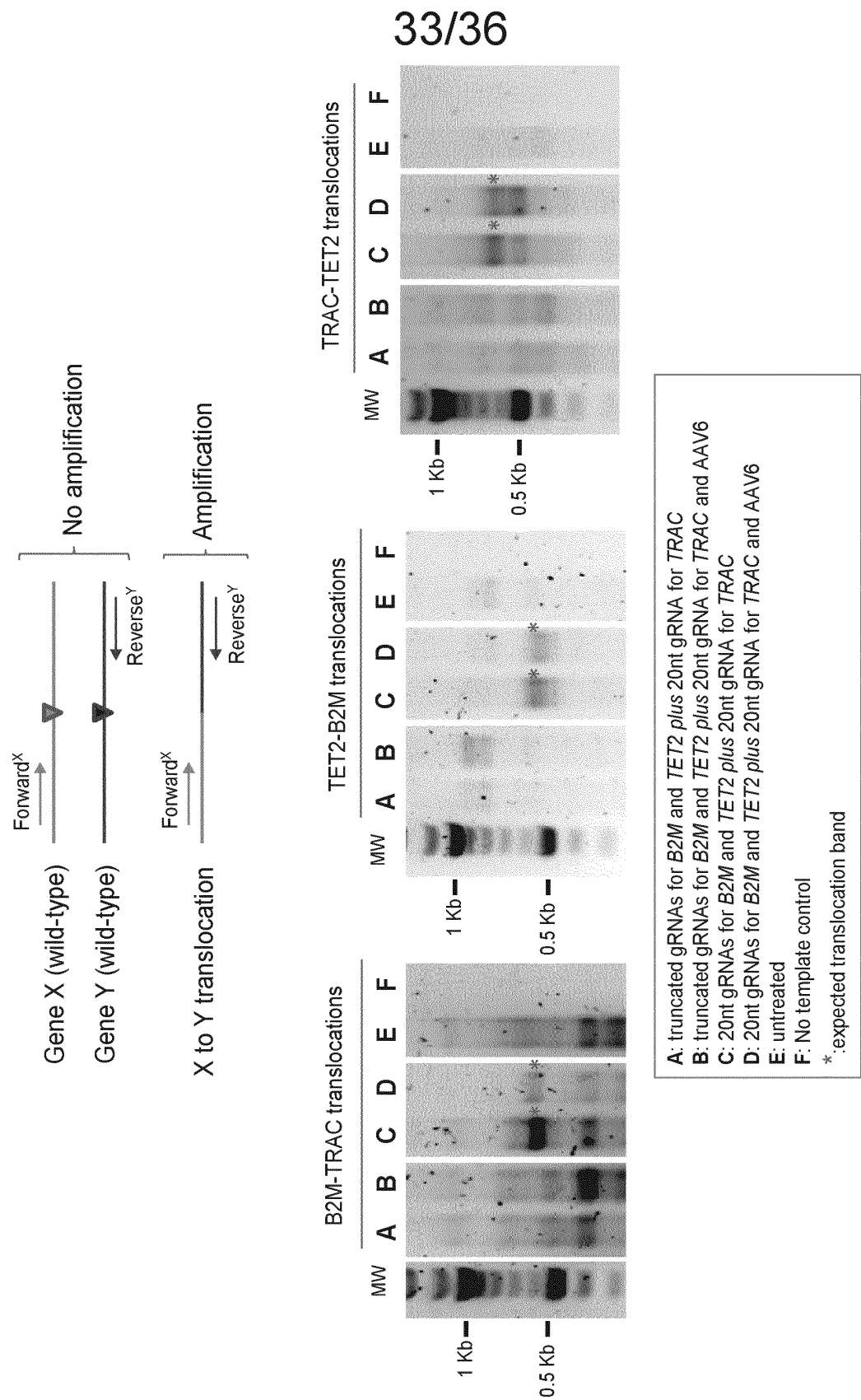


FIGURE 35



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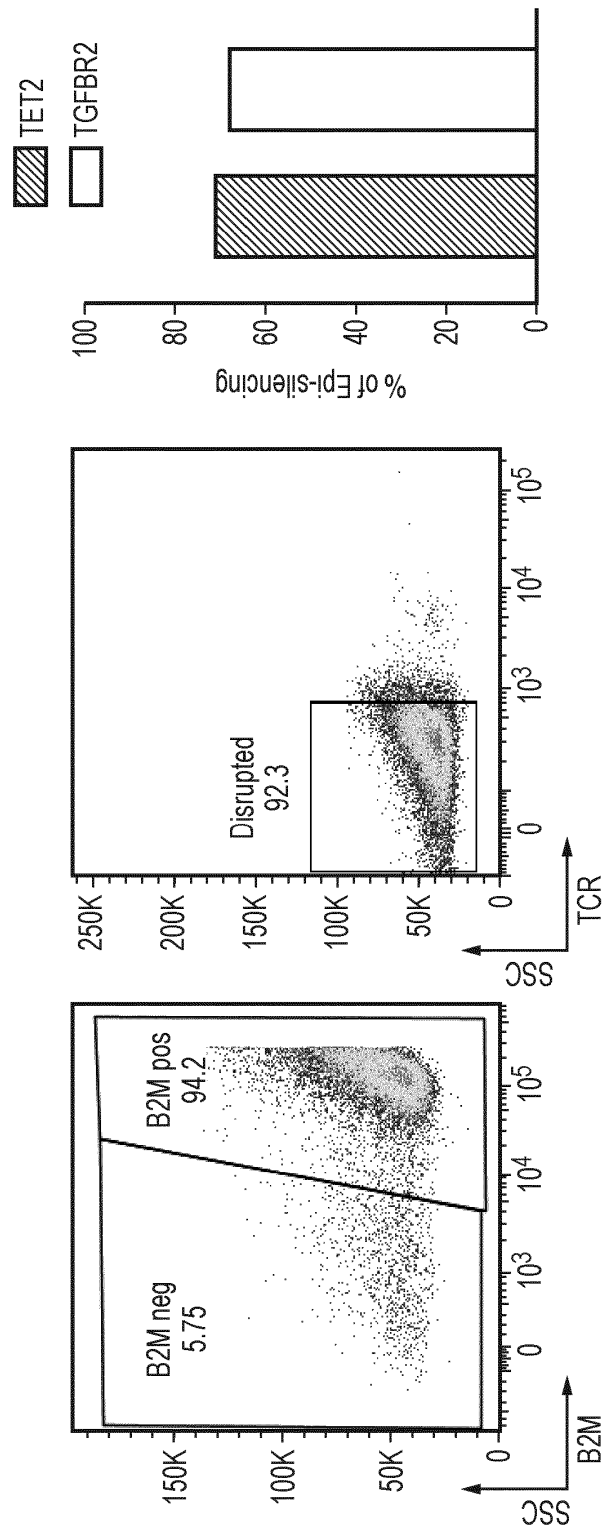


FIGURE 37

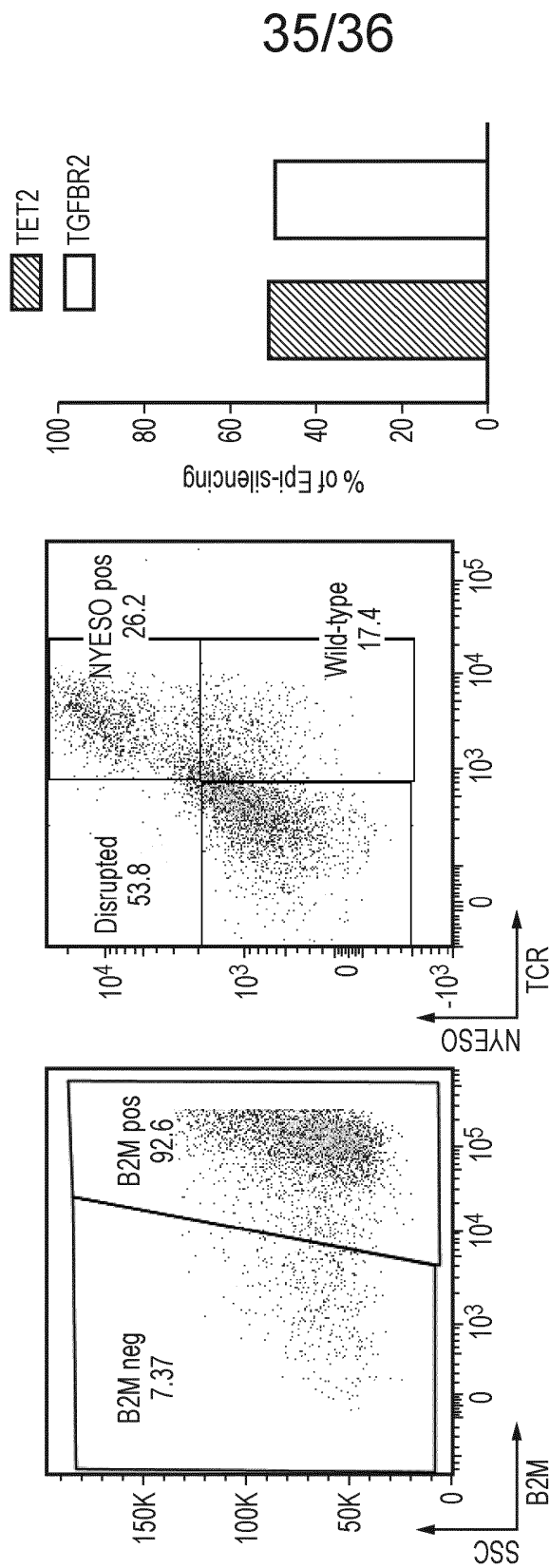


FIGURE 38

