

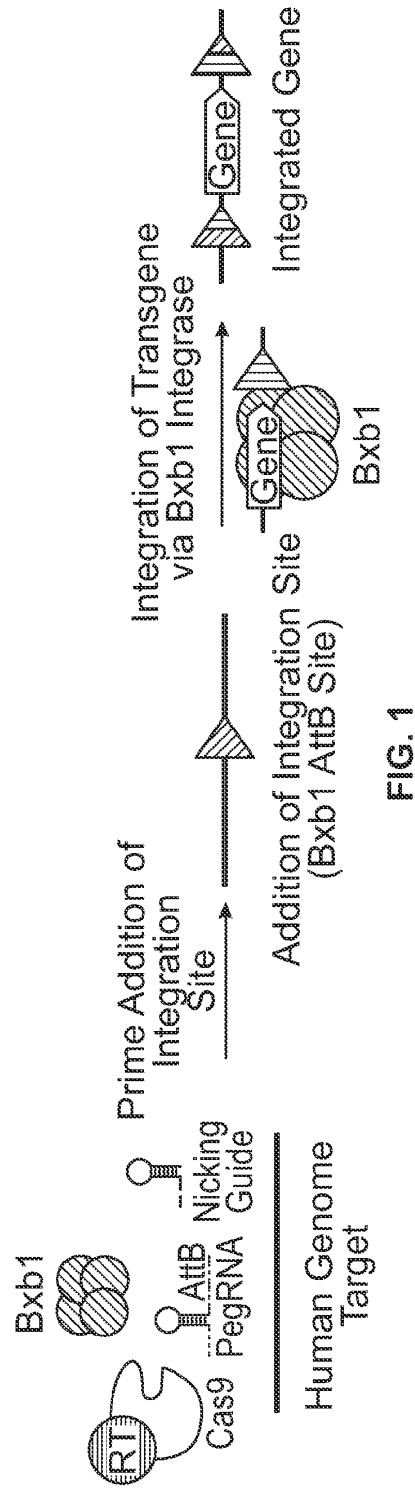


FIG. 1

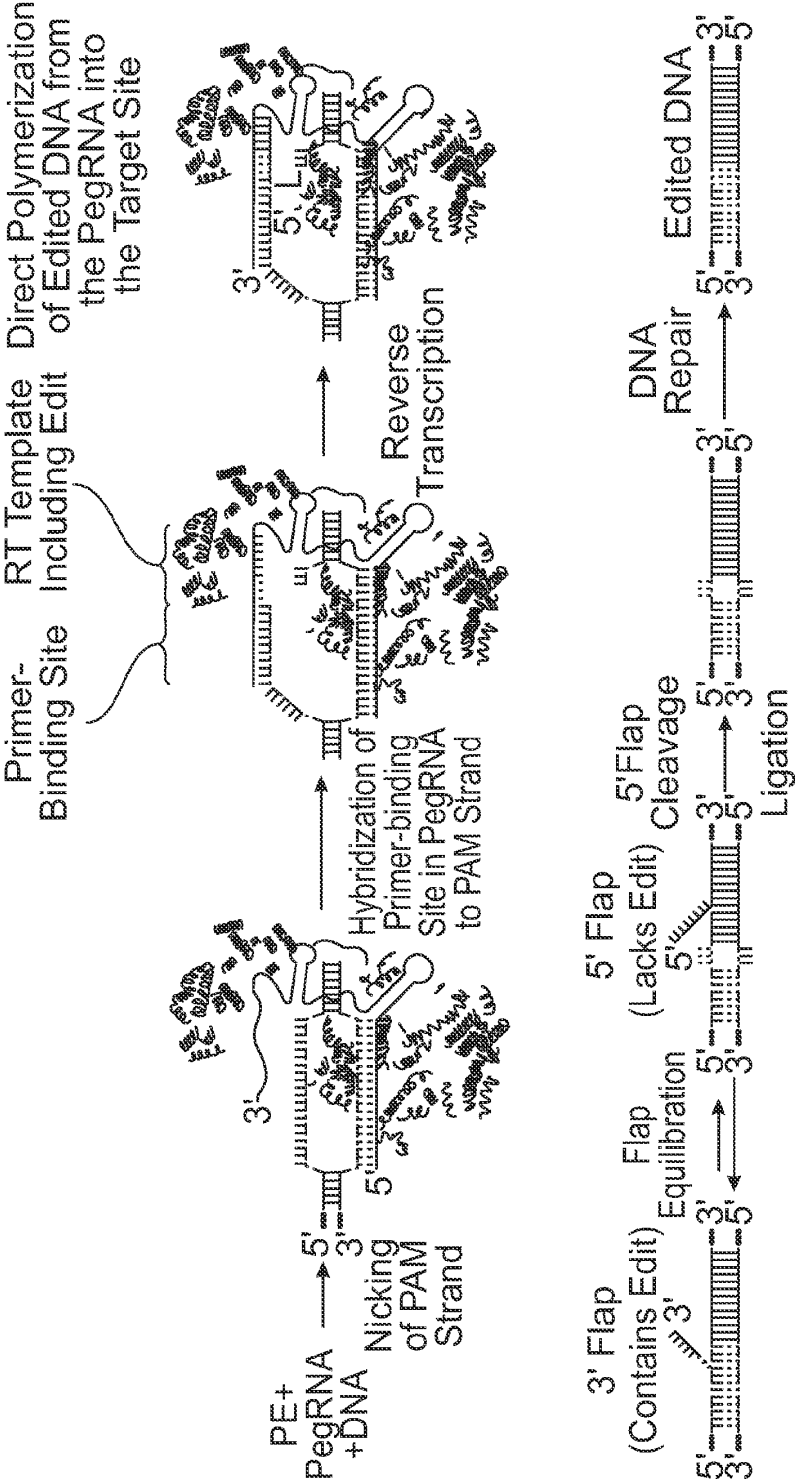


FIG. 2

3/112

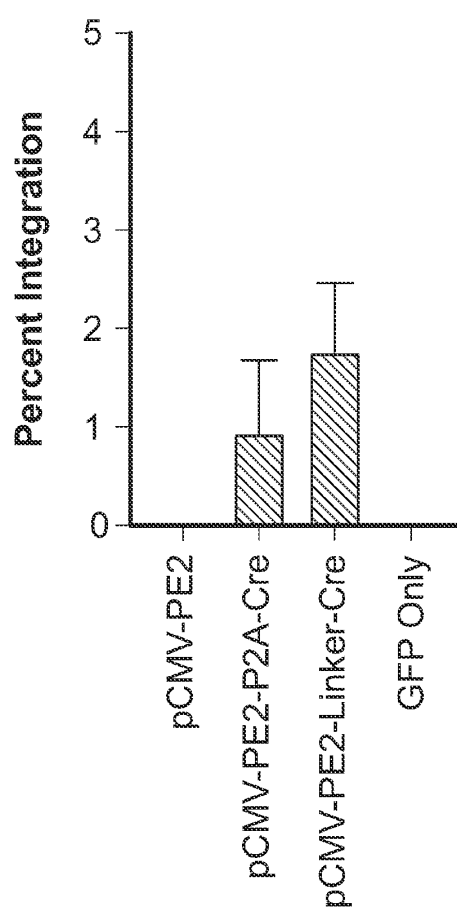


FIG. 3

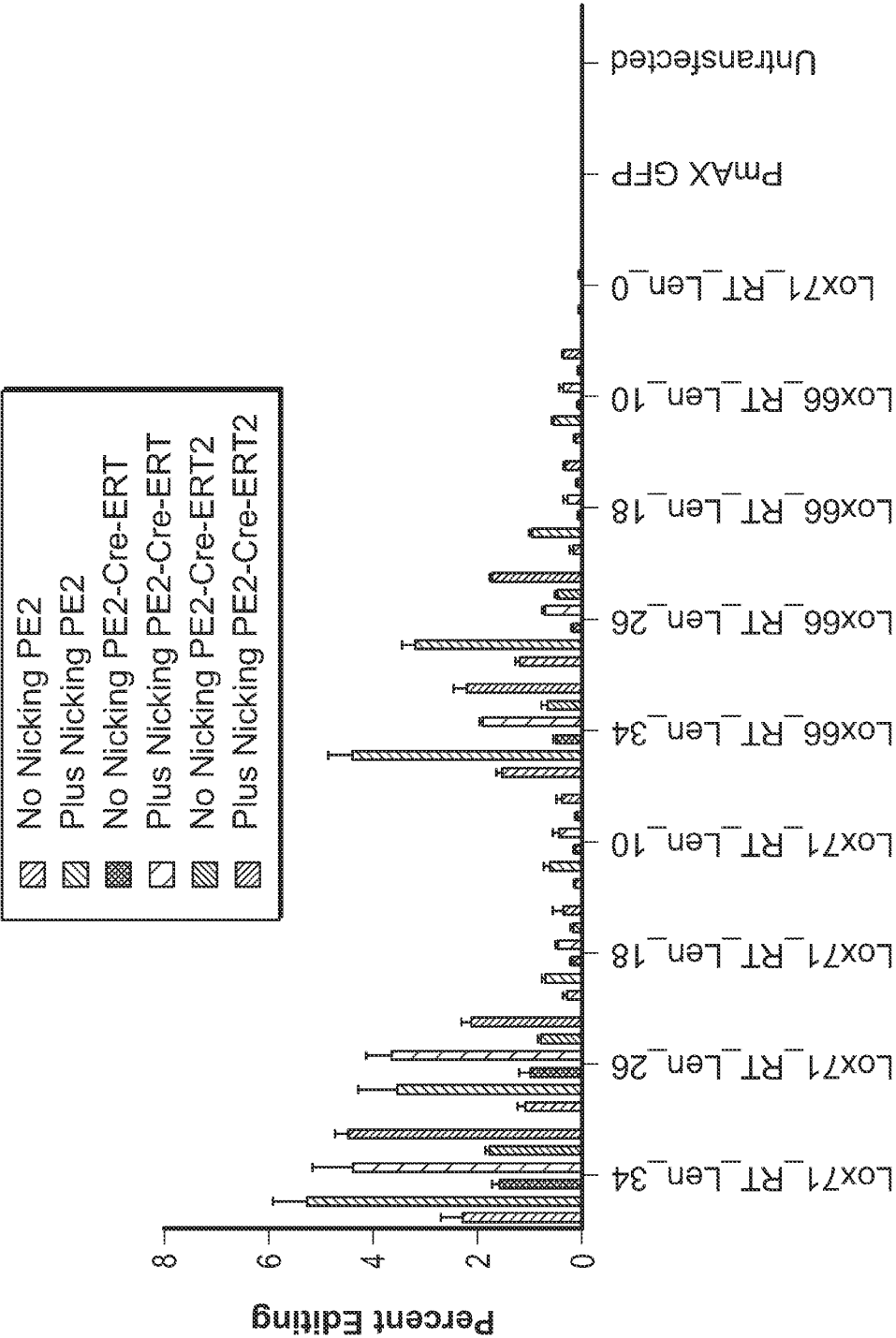


FIG. 4

5/112

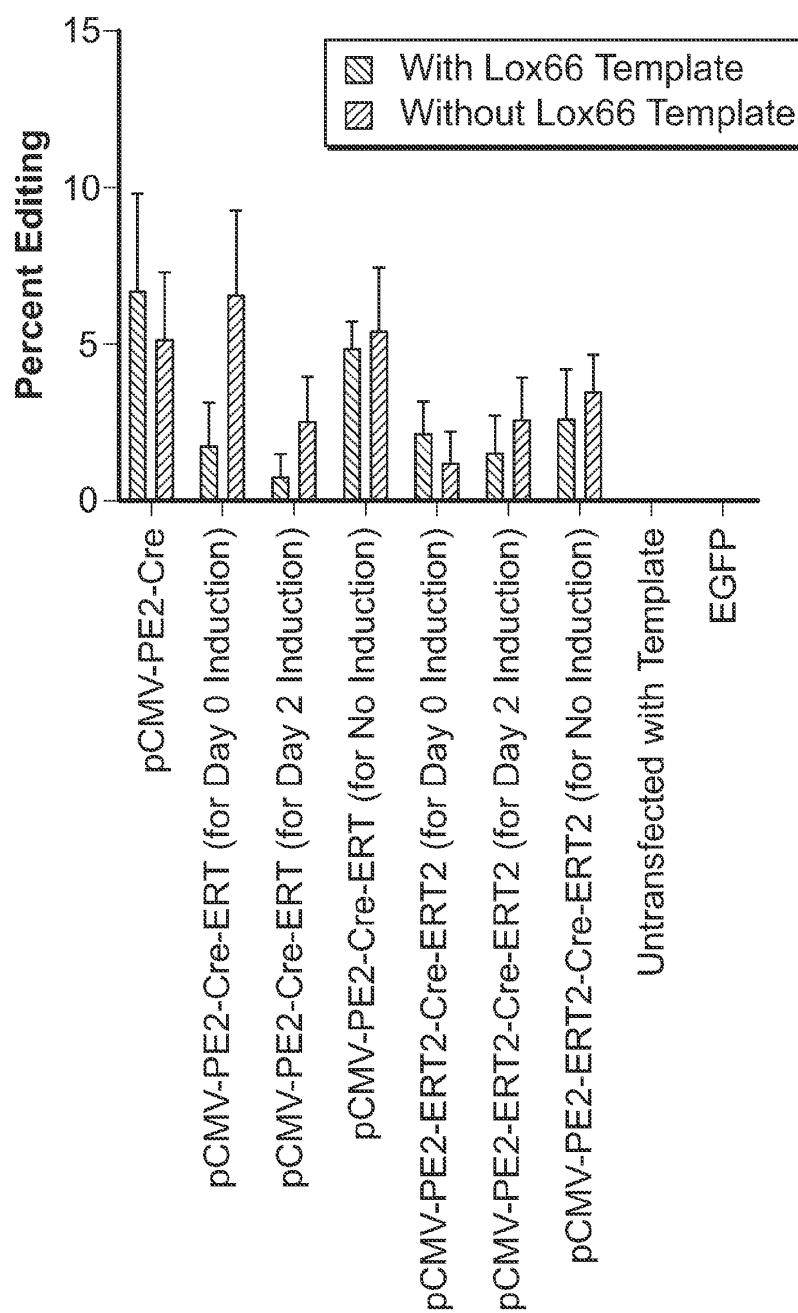


FIG. 5A

6/112

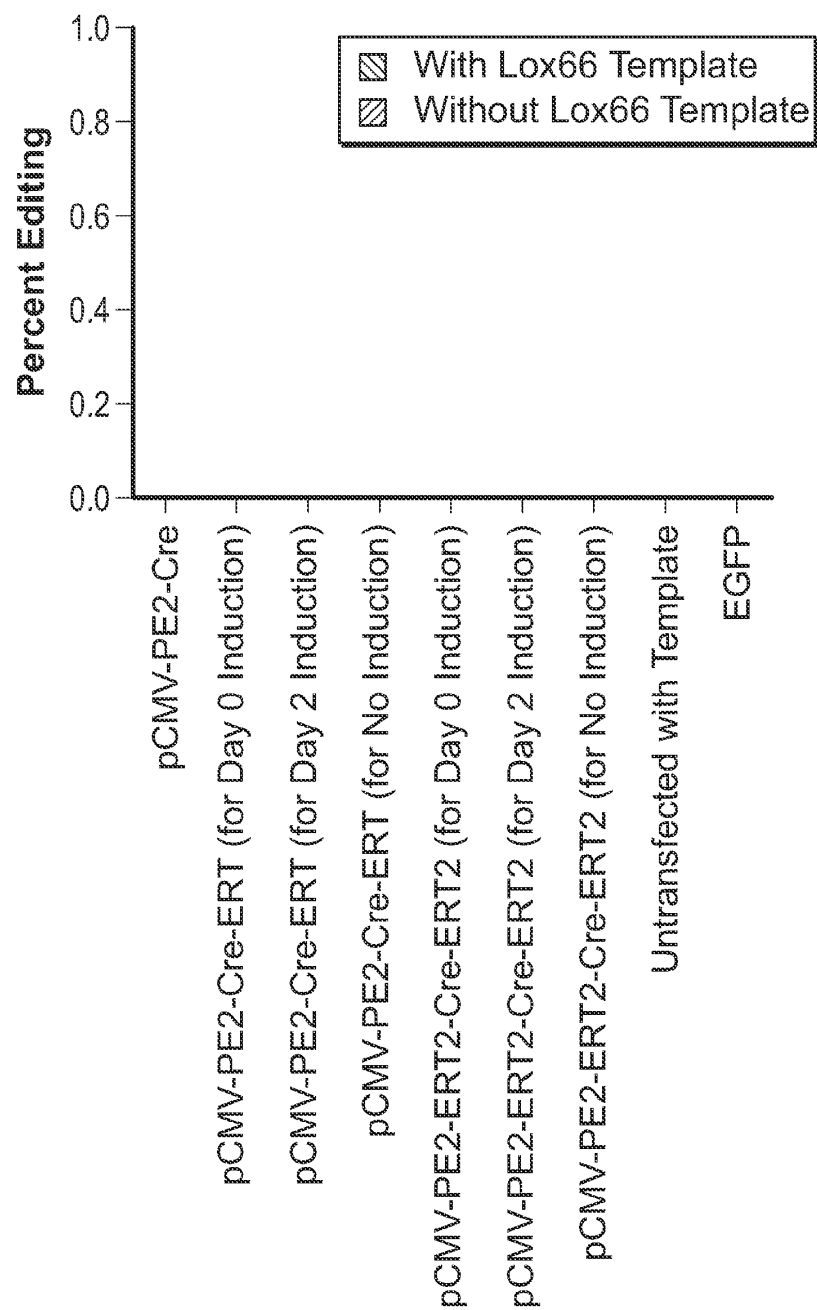


FIG. 5B

7/112

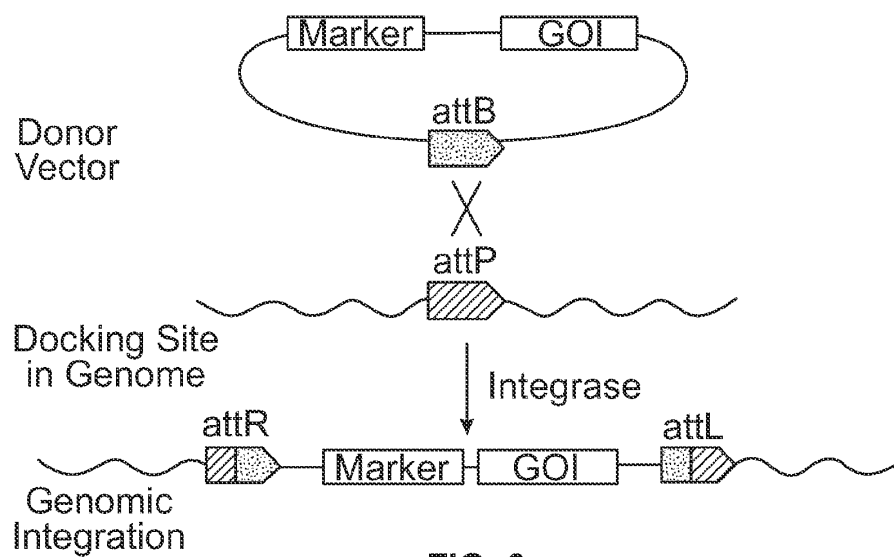


FIG. 6

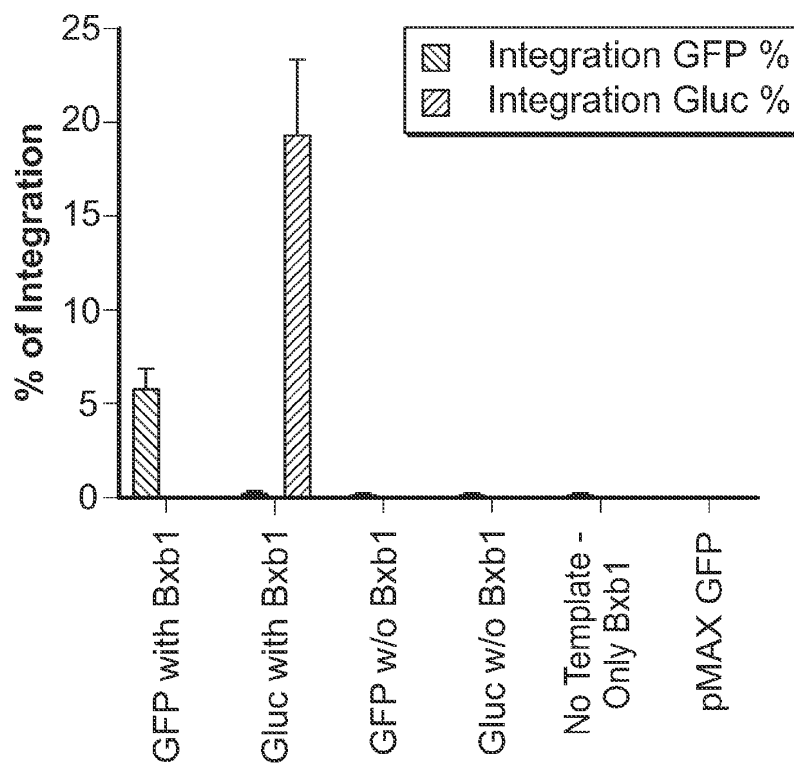


FIG. 7

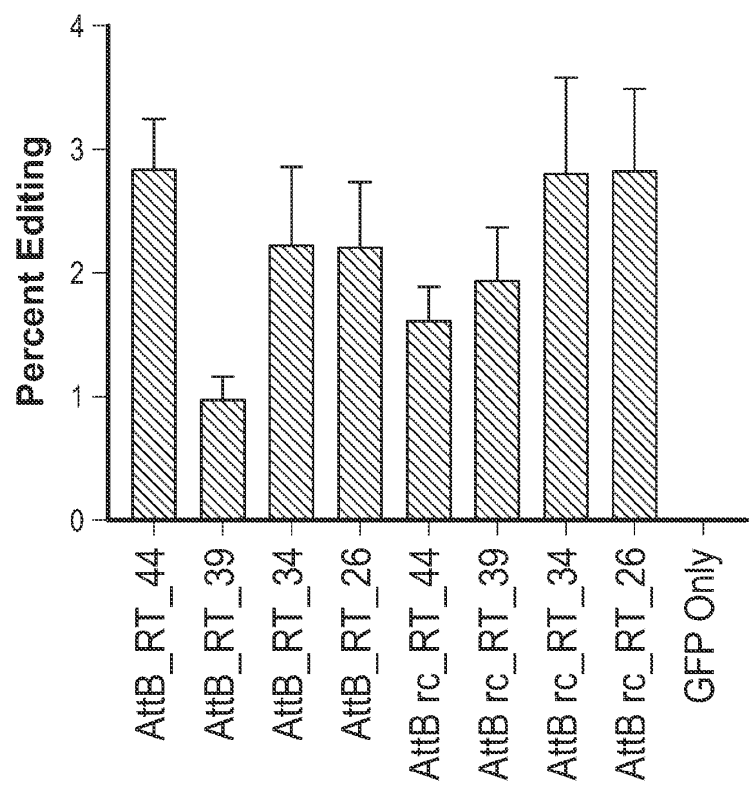


FIG. 8

9/112

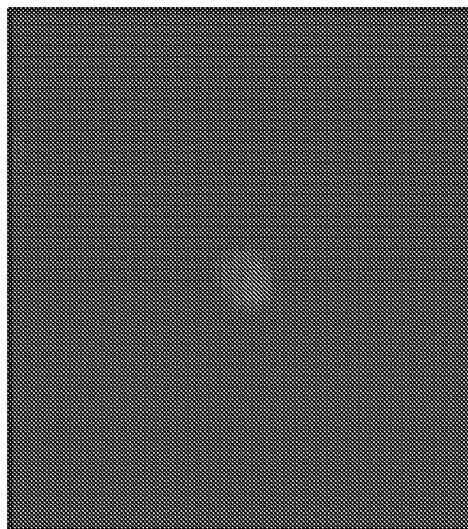


FIG. 9A



FIG. 9B

10/112

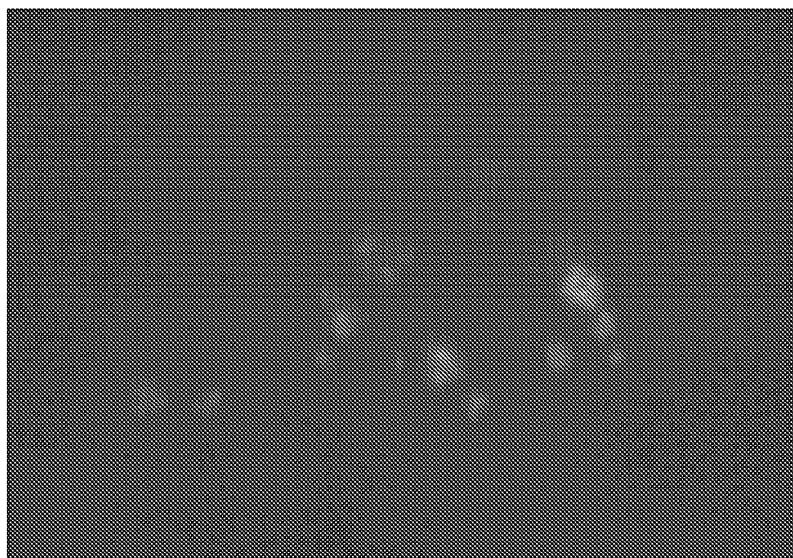


FIG. 9C

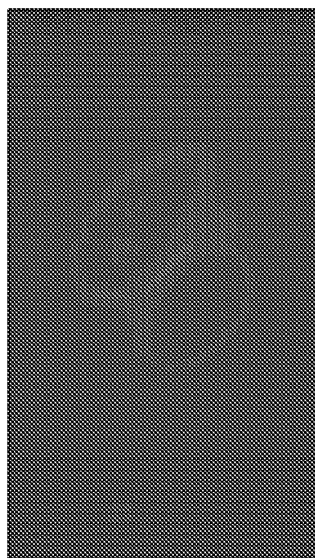


FIG. 9D

11/112

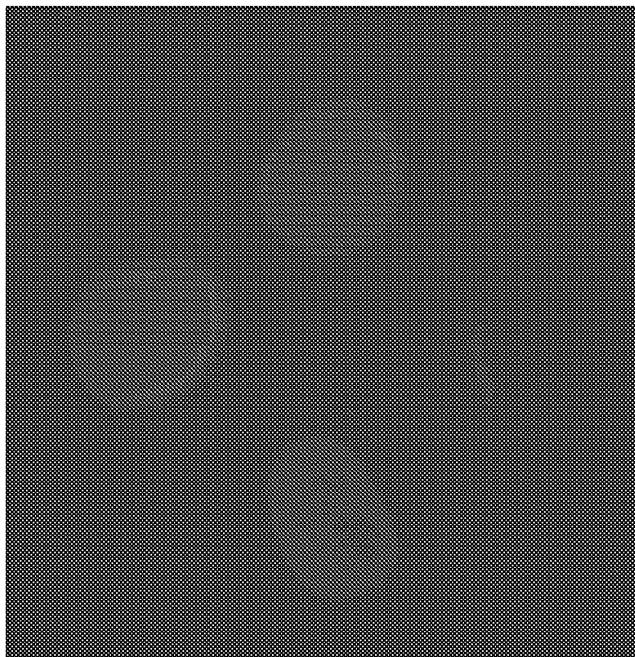


FIG. 9E

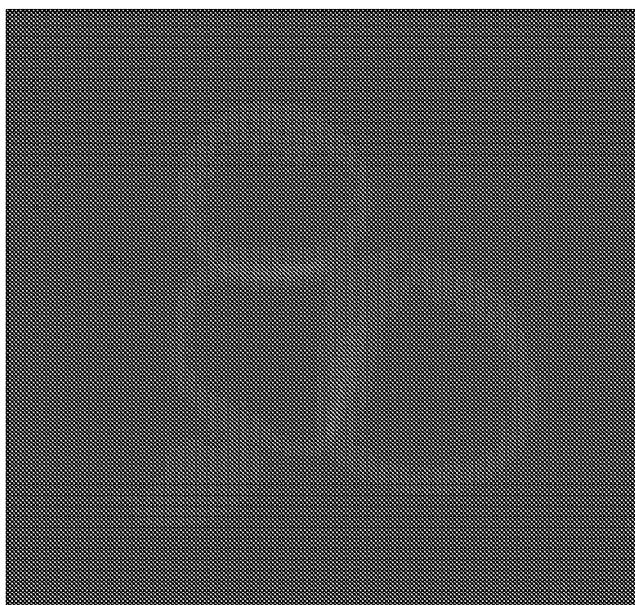


FIG. 9F

12/112

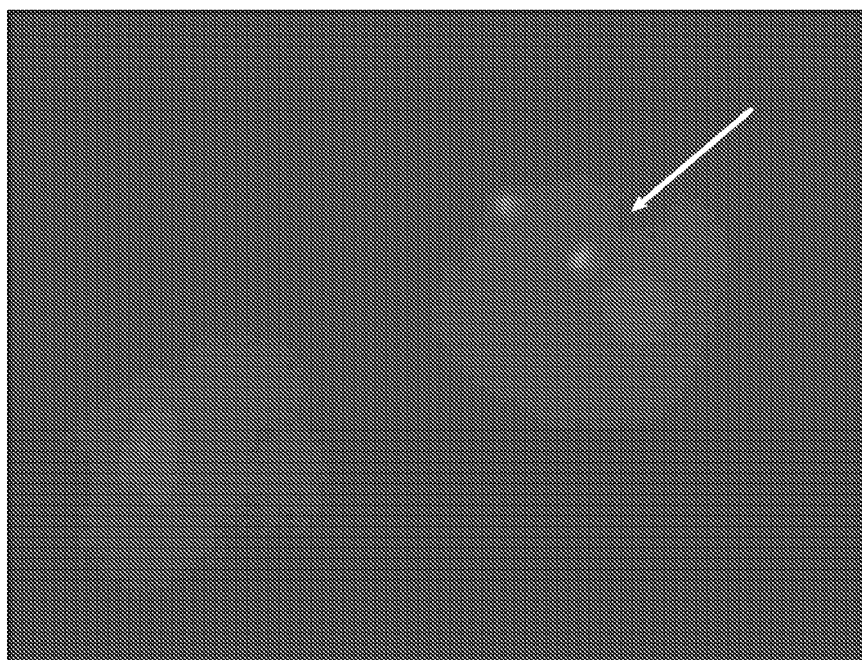


FIG. 9G

13/112

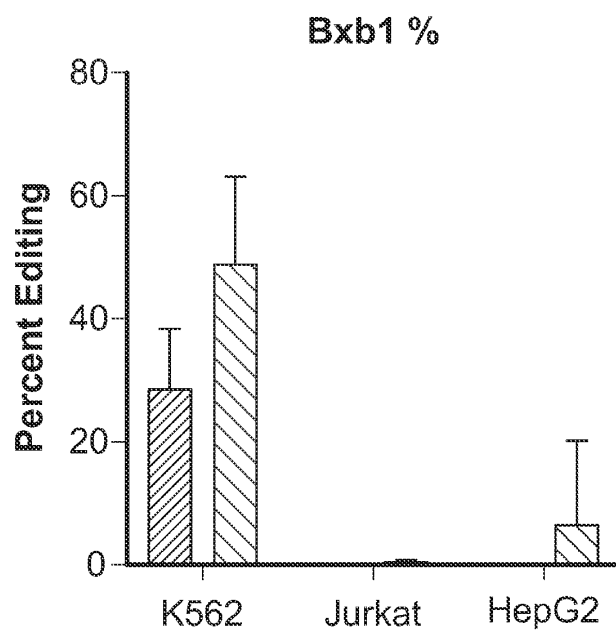


FIG. 10A

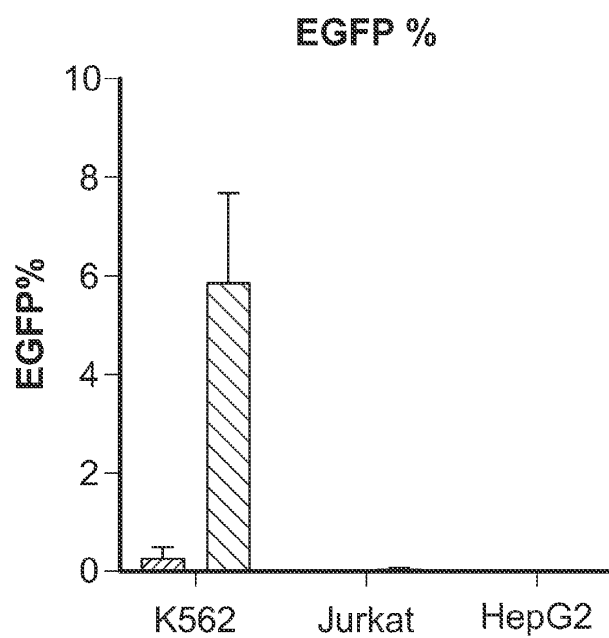


FIG. 10B

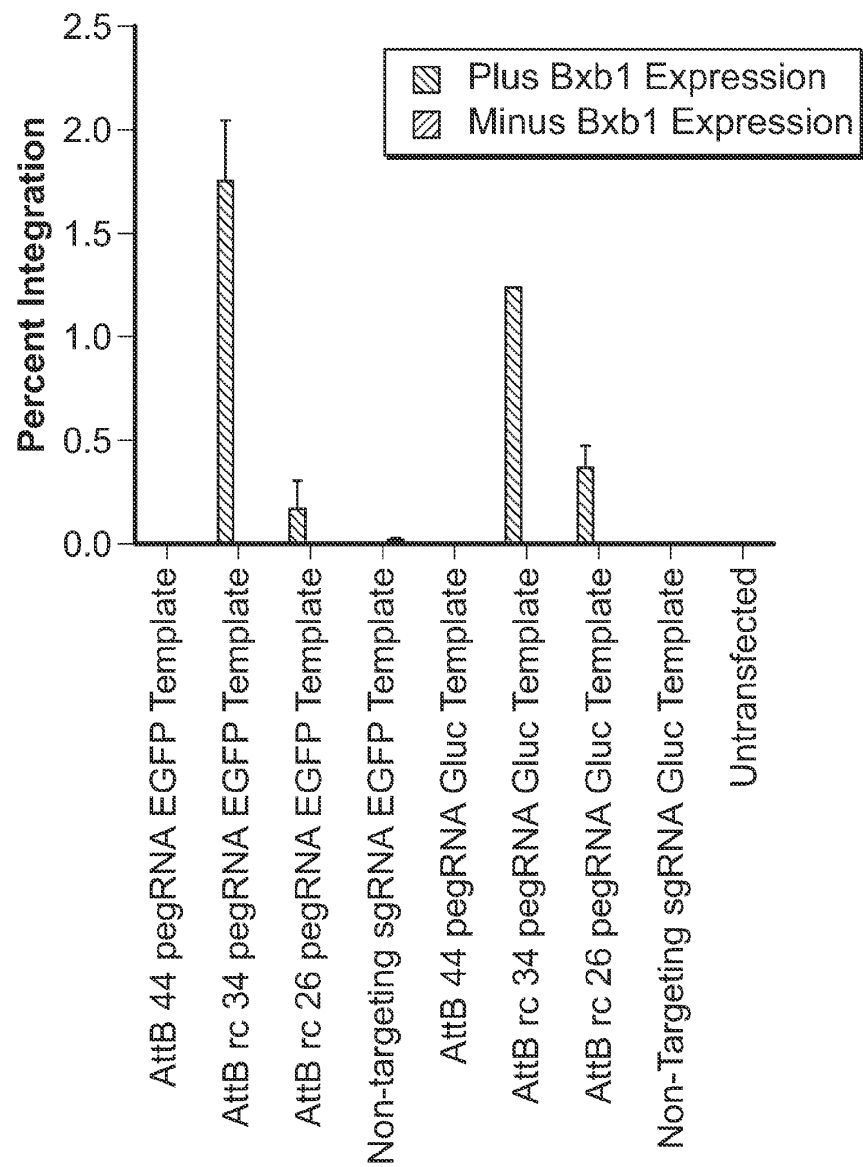


FIG. 11

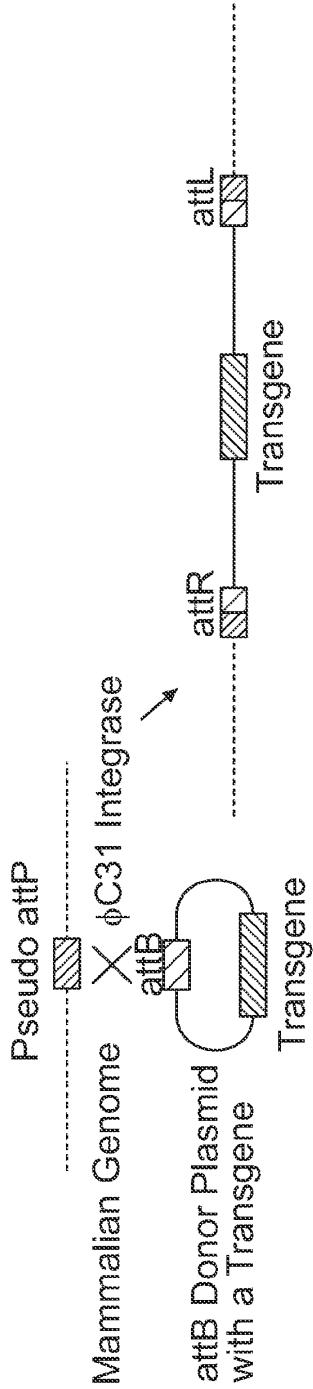
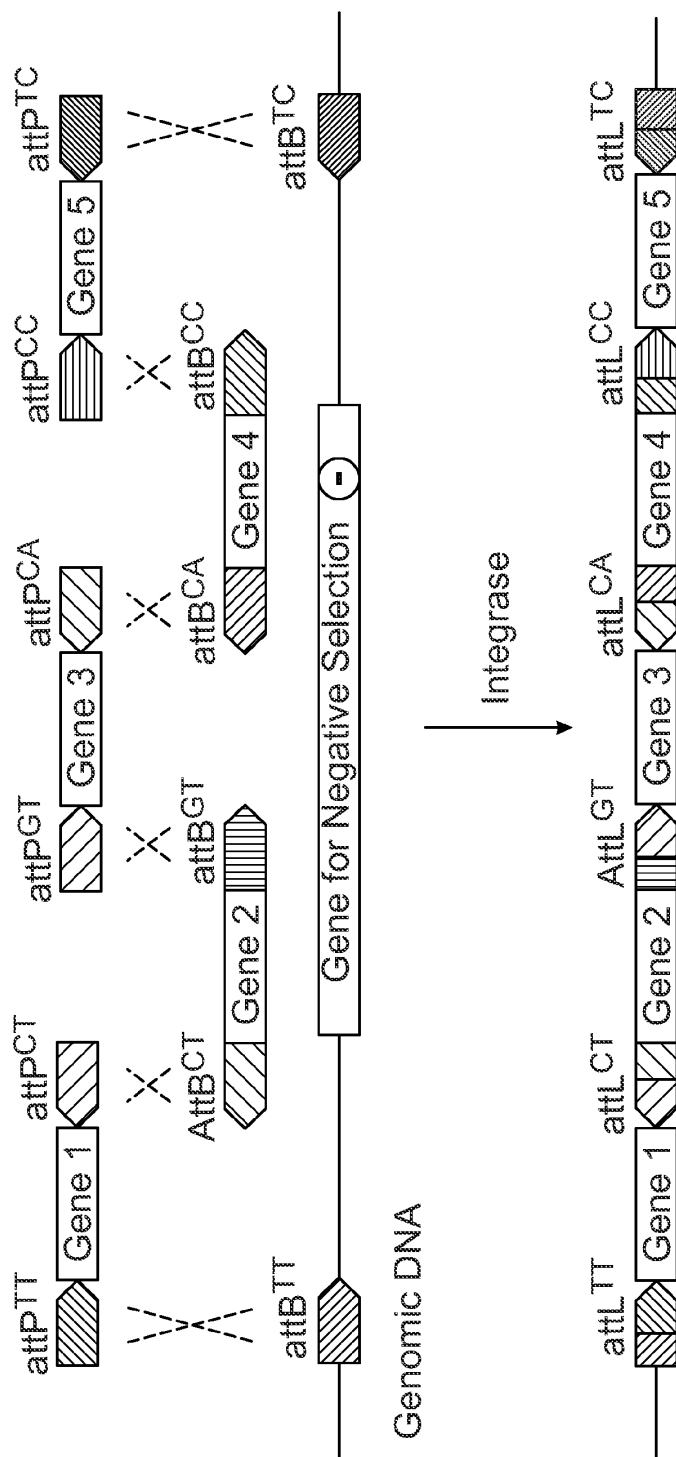


FIG. 12





17/112

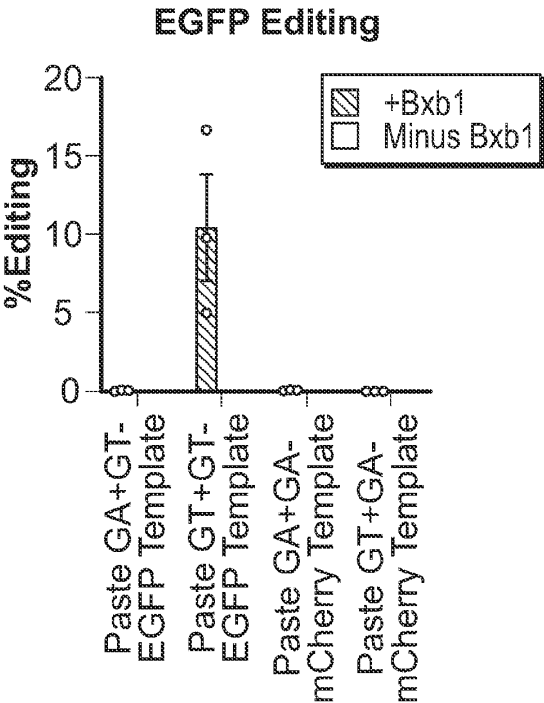


FIG. 14A

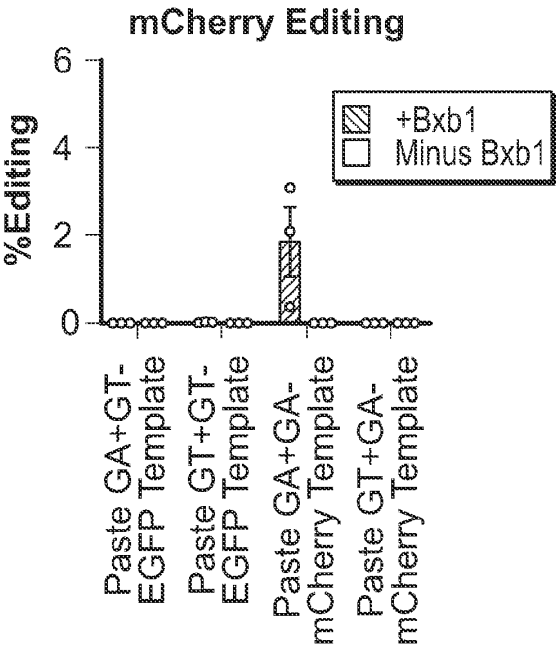


FIG. 14B

18/112

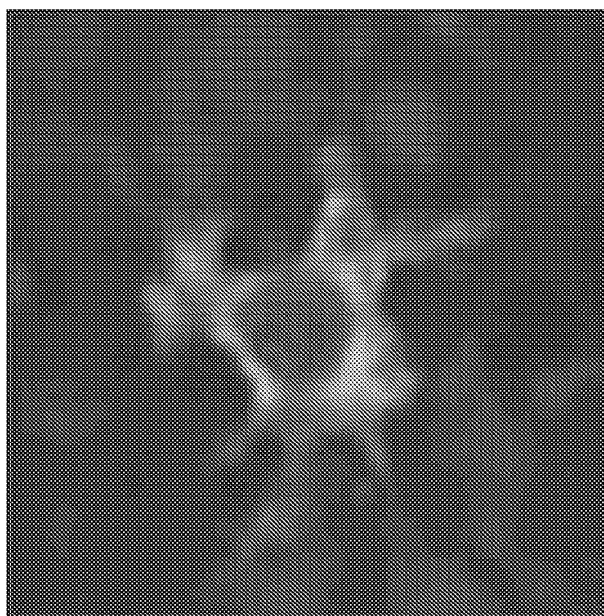


FIG. 15A

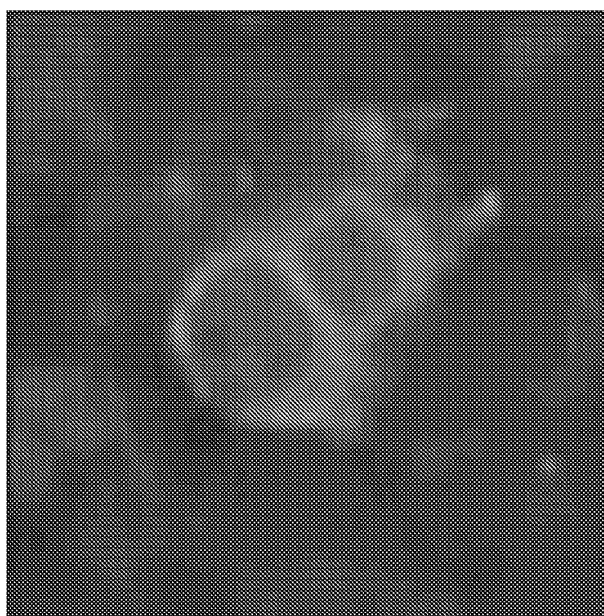


FIG. 15B

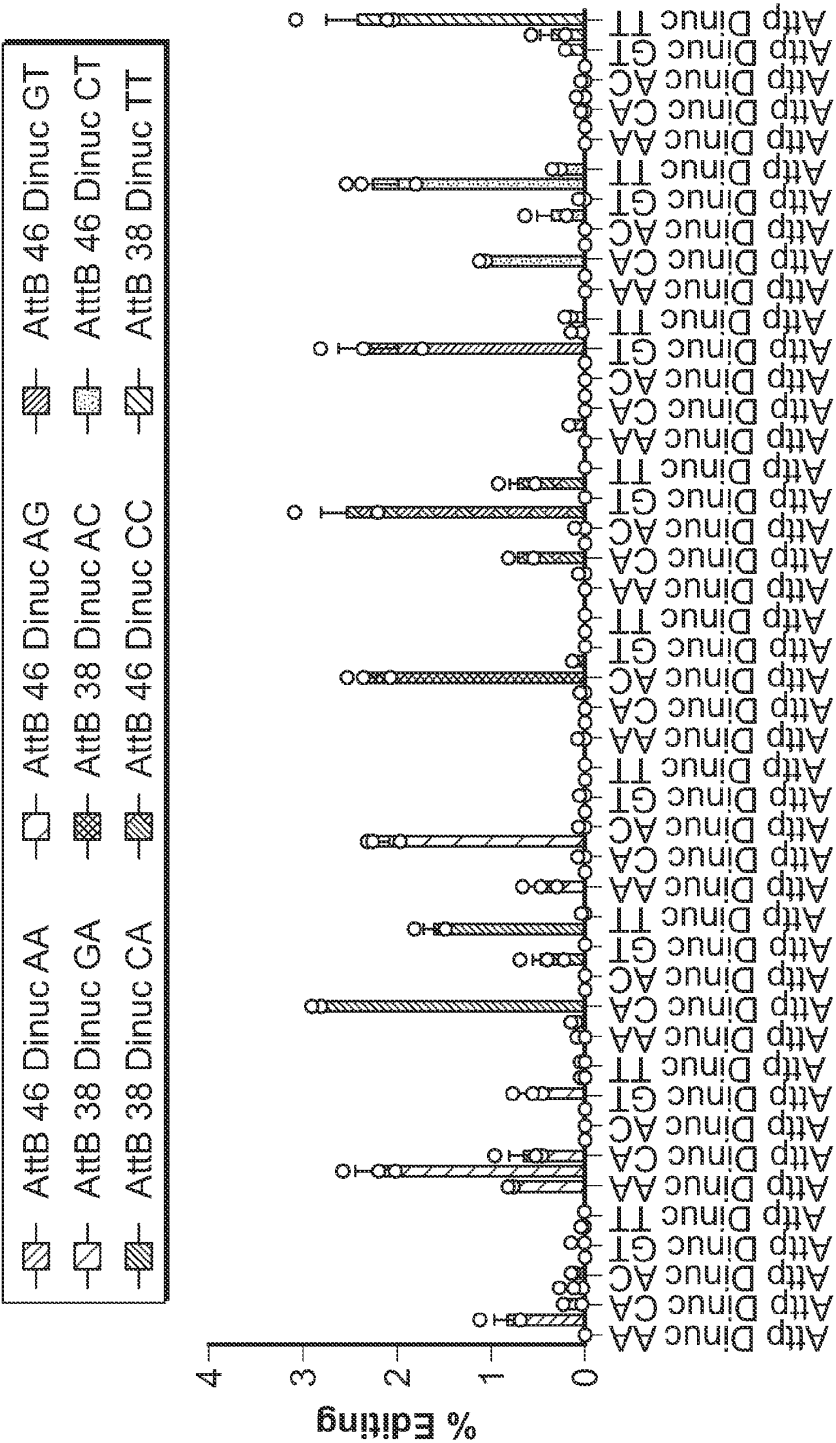


FIG. 16A

20/112

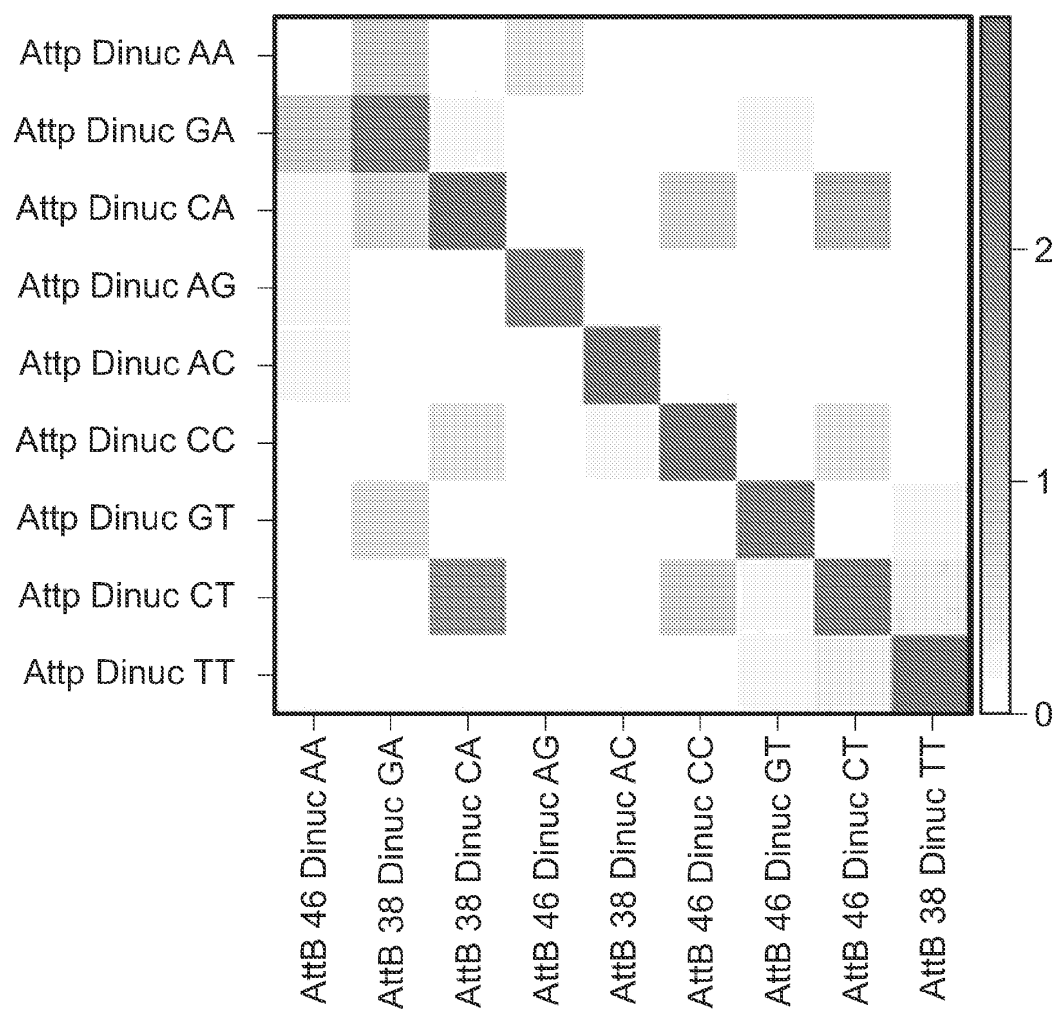


FIG. 16B

21/112

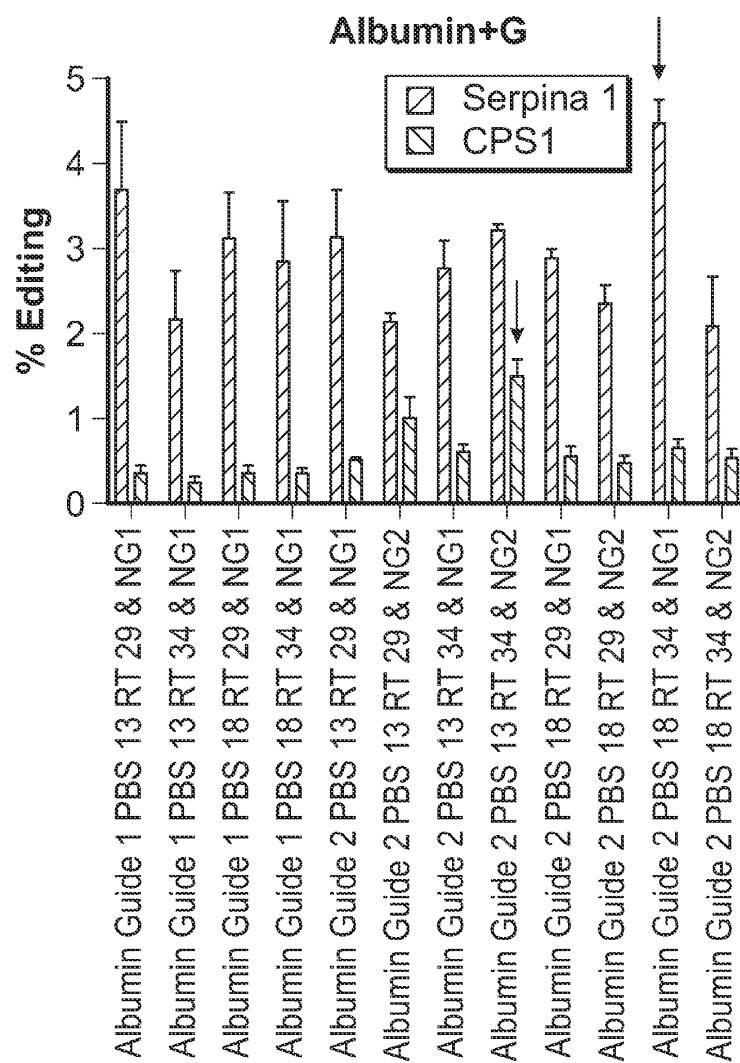
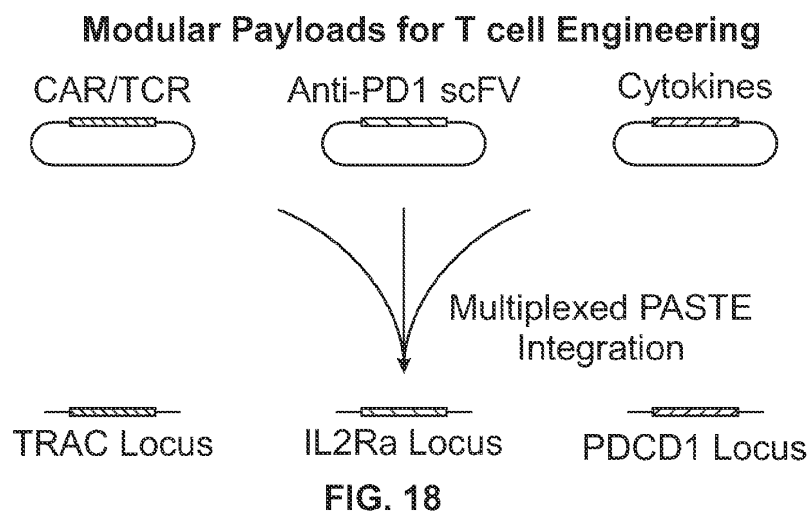
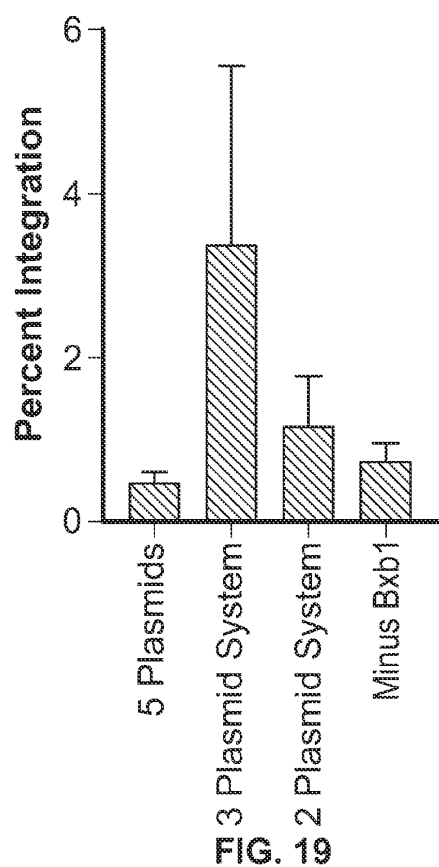


FIG. 17

22/112



23/112

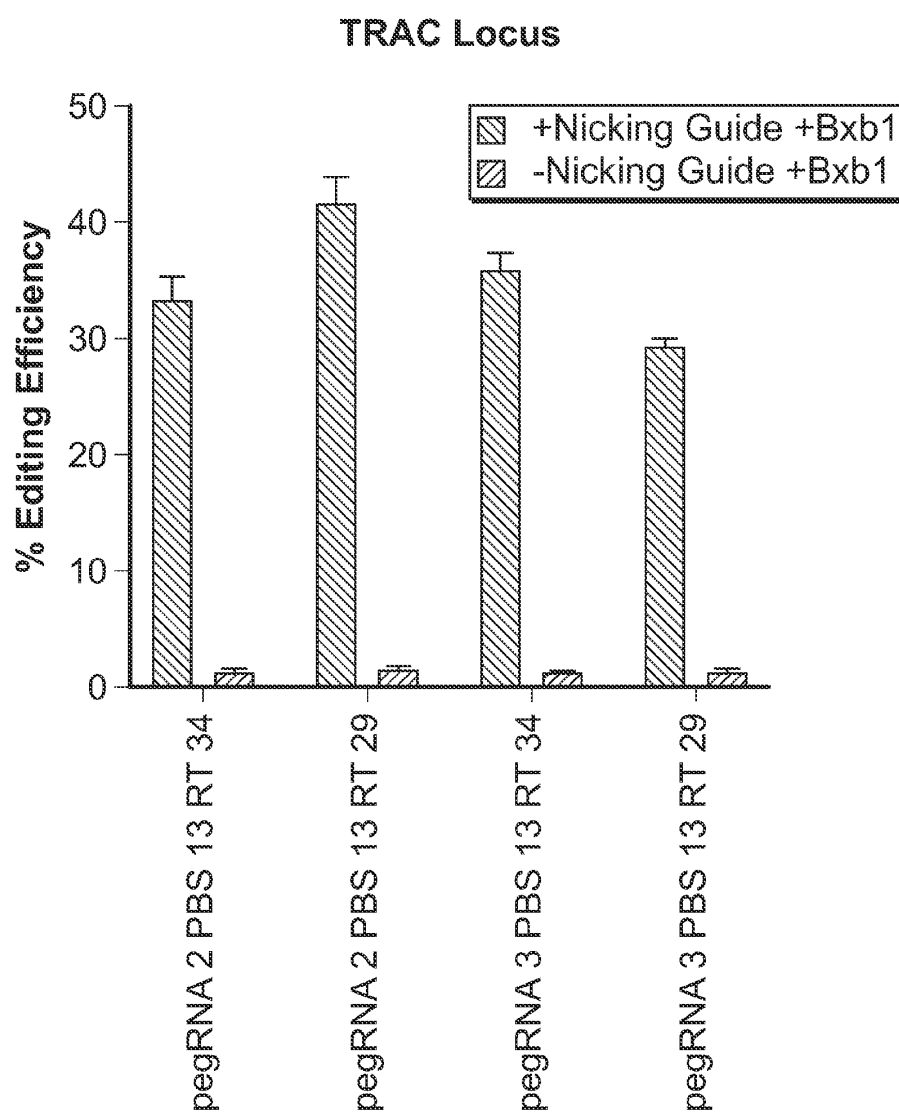


FIG. 20

24/112

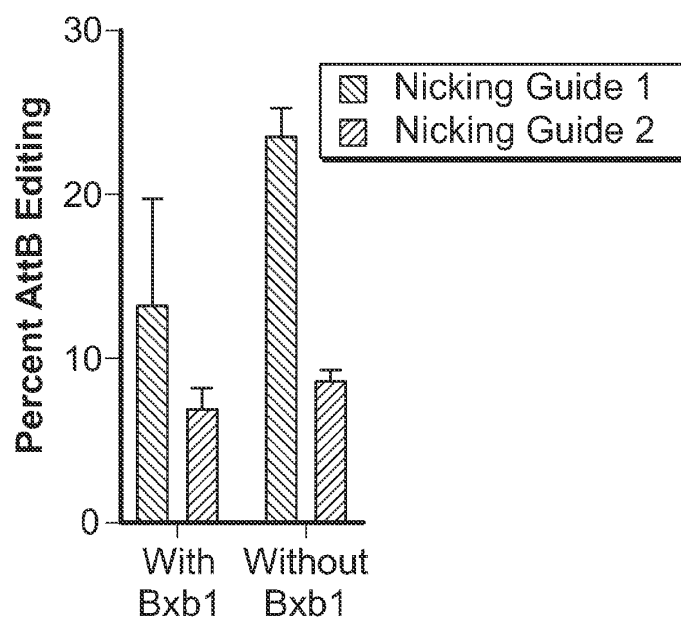


FIG. 21A

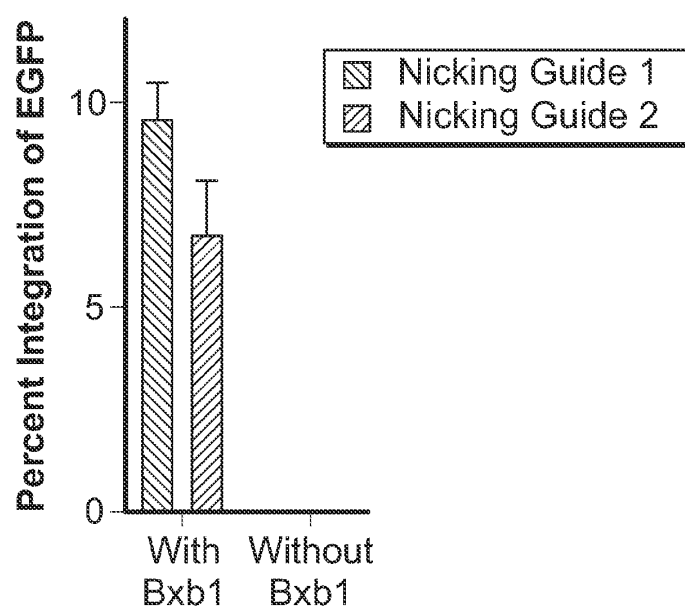


FIG. 21B

25/112

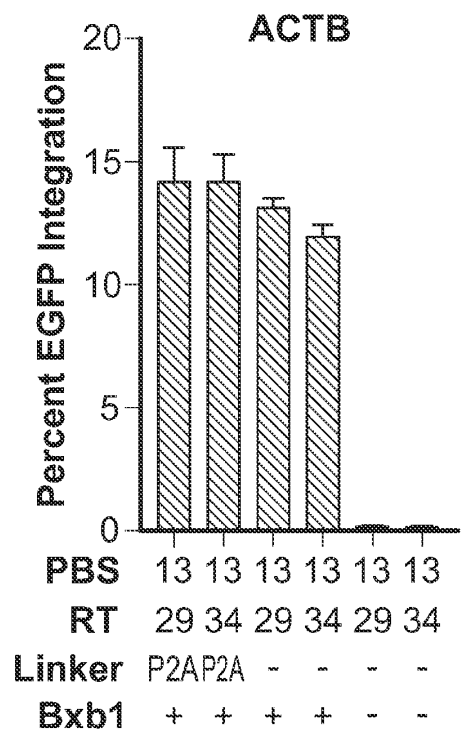


FIG. 21C

26/112

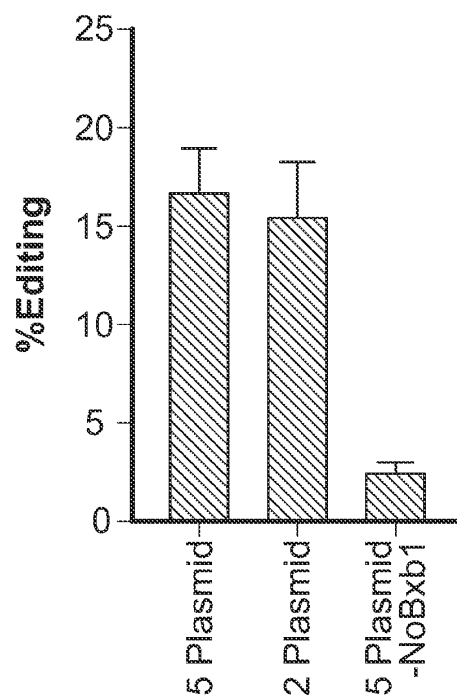


FIG. 22A

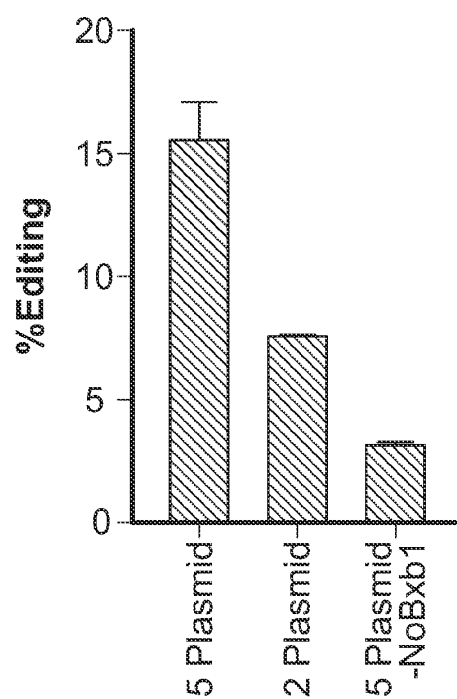


FIG. 22B

27/112

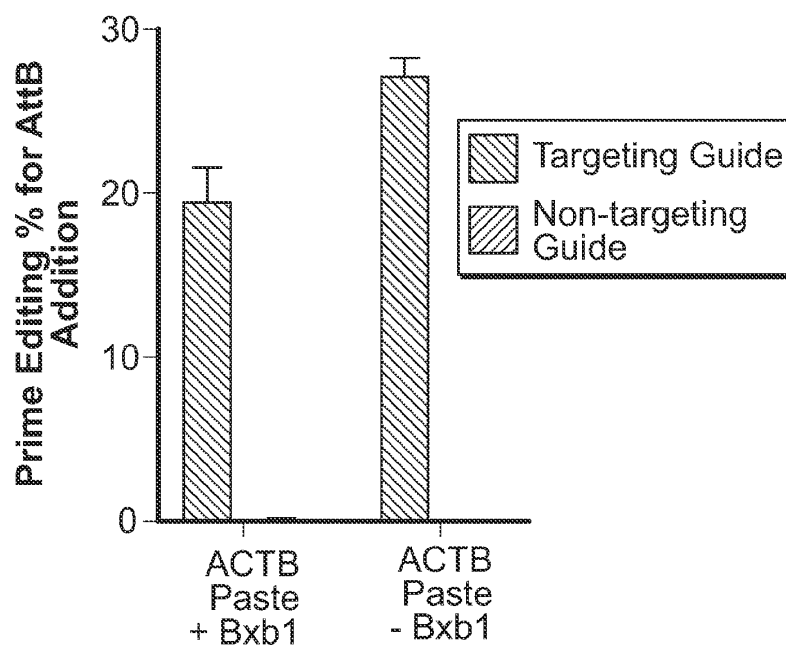


FIG. 23A

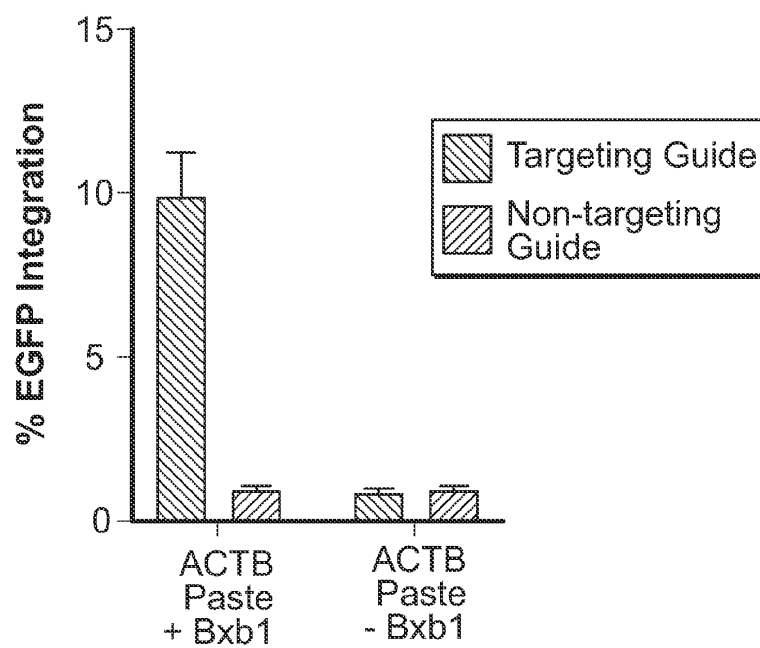


FIG. 23B

28/112

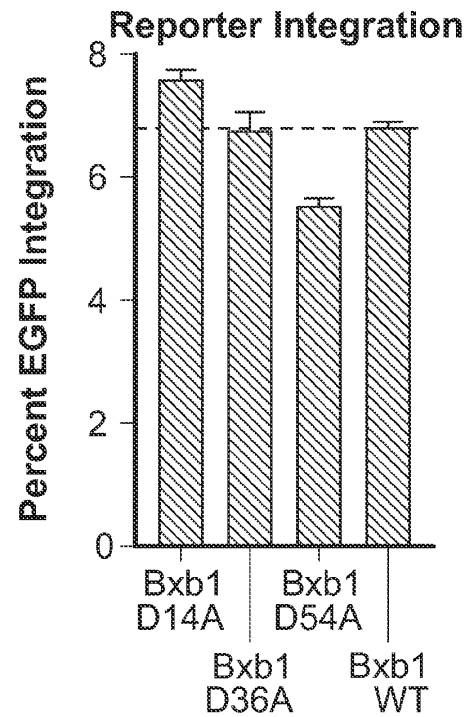


FIG. 23C

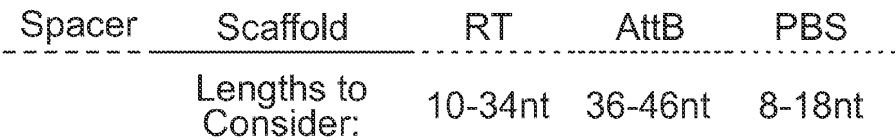


FIG. 24A

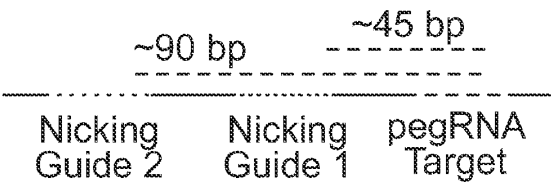


FIG. 24B

29/112

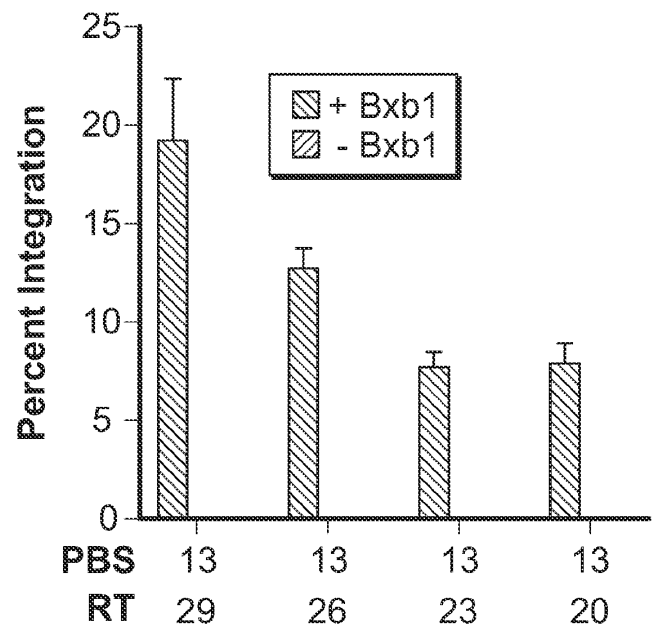


FIG. 25A

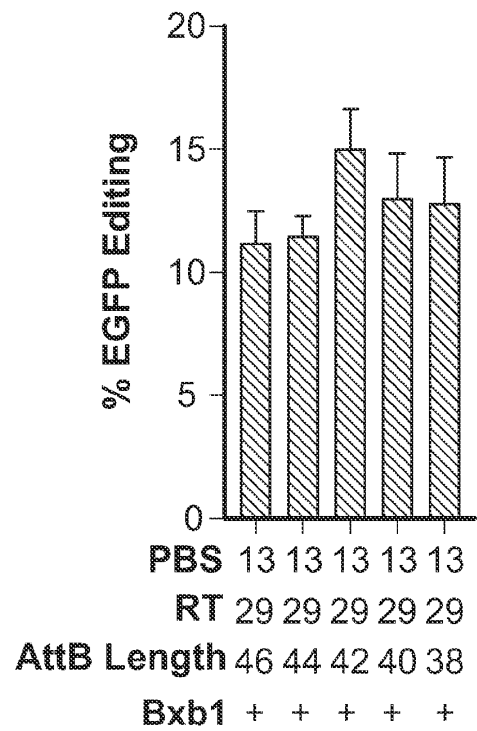


FIG. 25B

30/112

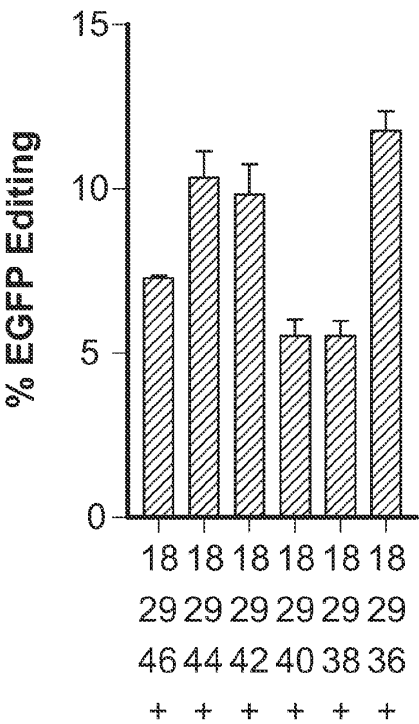


FIG. 25C

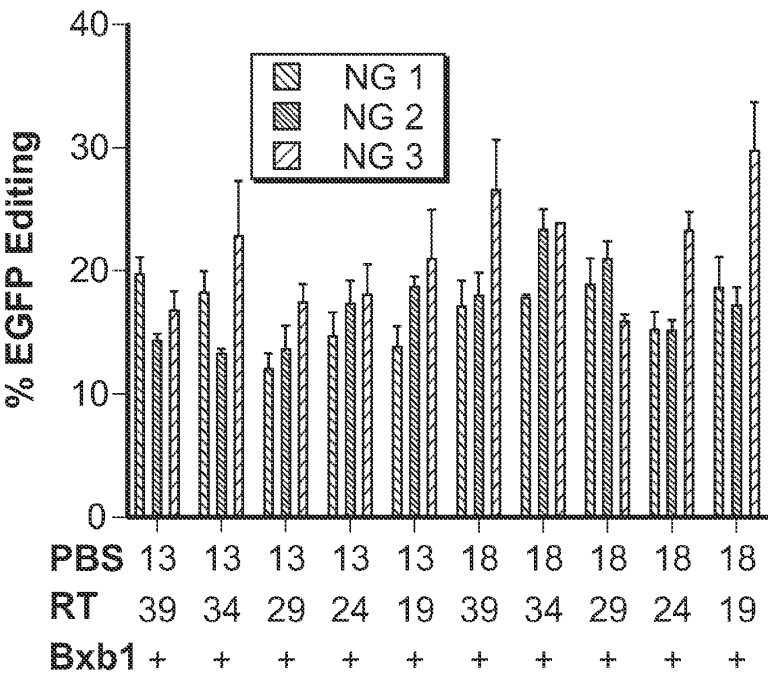


FIG. 25D

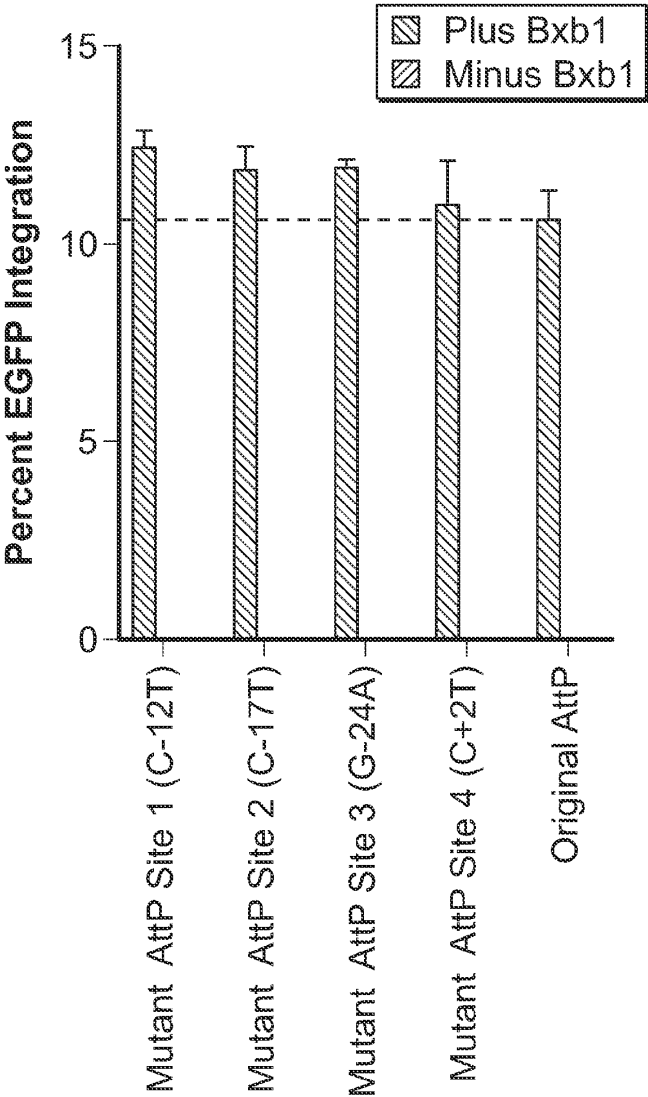


FIG. 25E

32/112

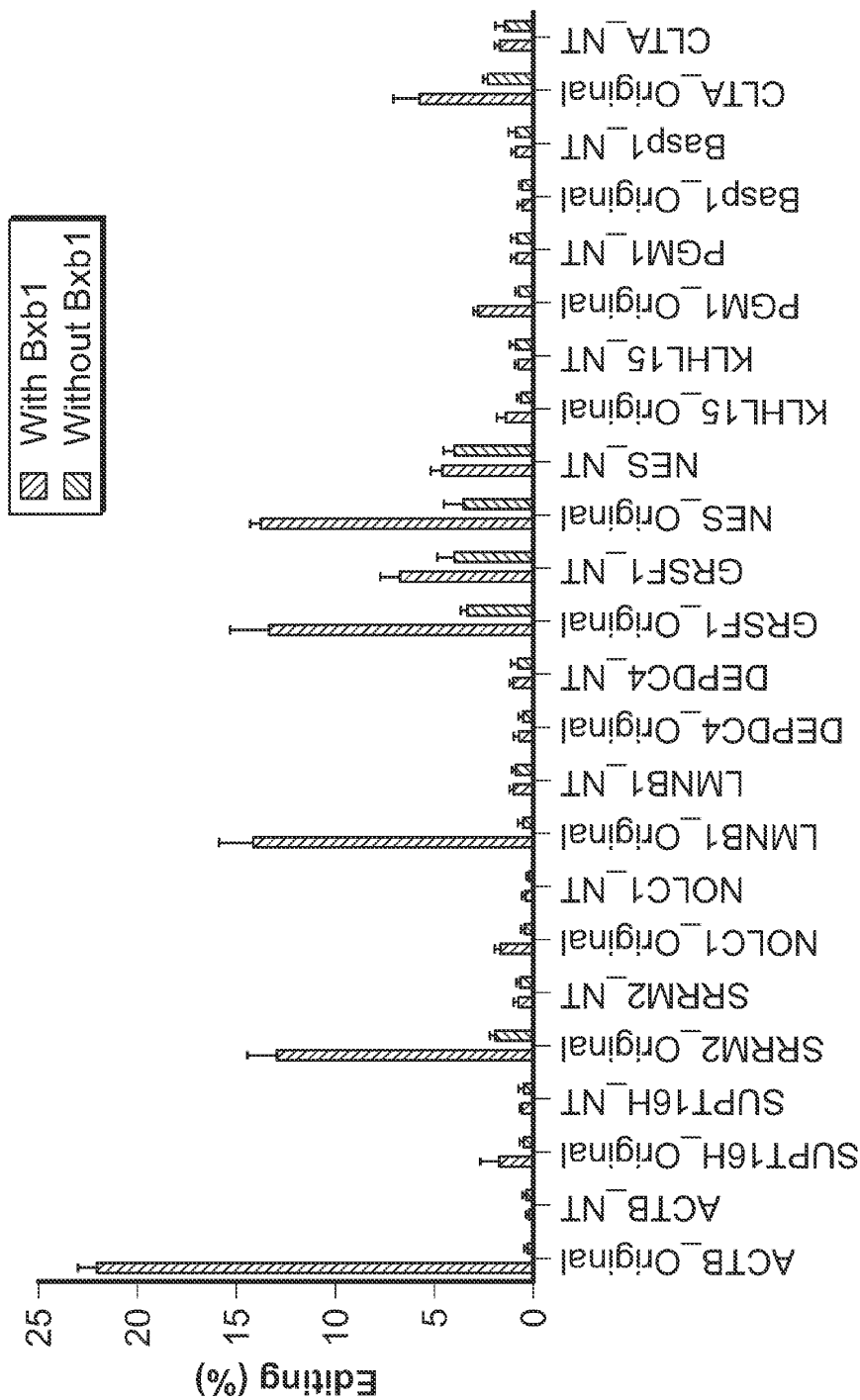


FIG. 25F

33/112

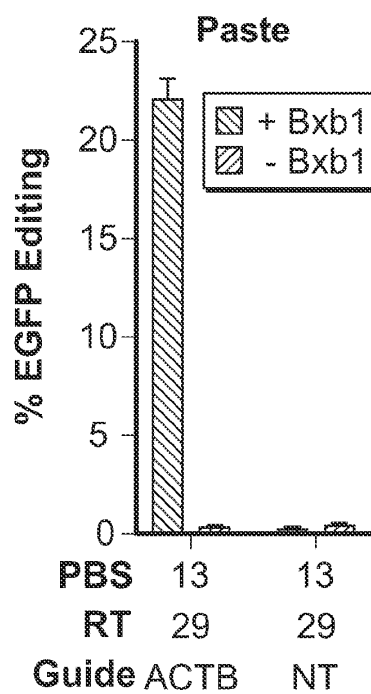


FIG. 26A

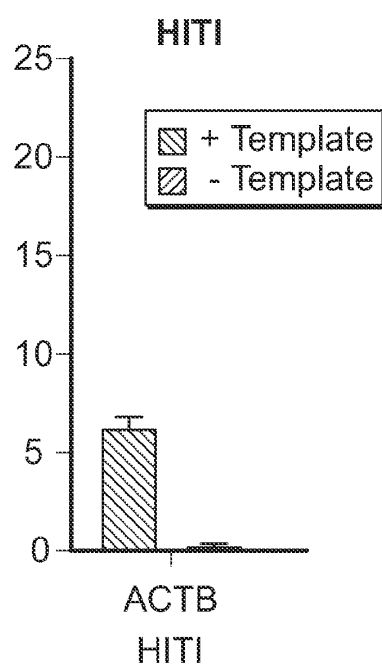


FIG. 26B

34/112

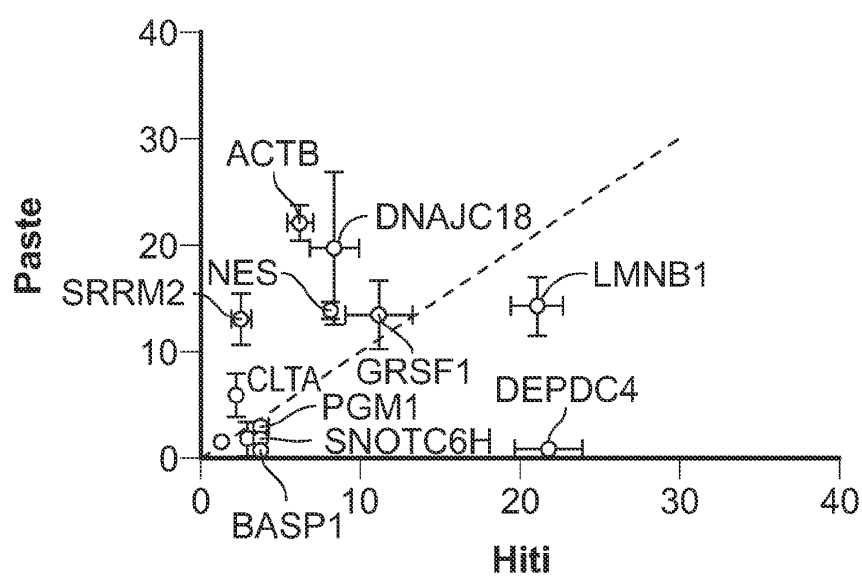


FIG. 26C

35/112

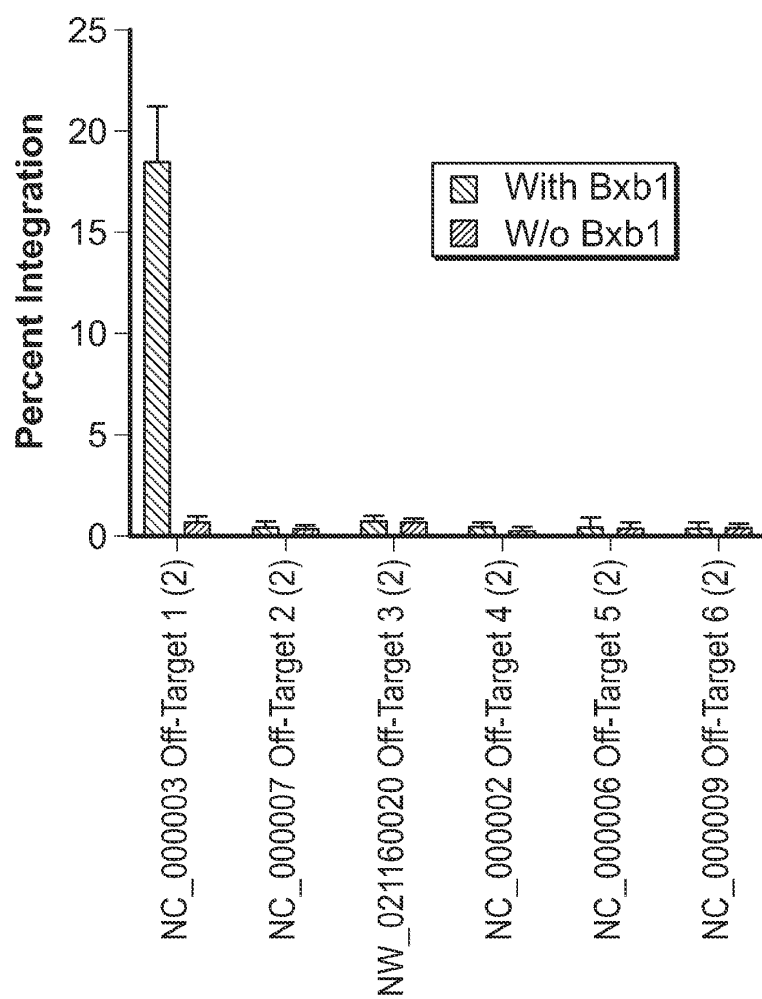


FIG. 26D

36/112

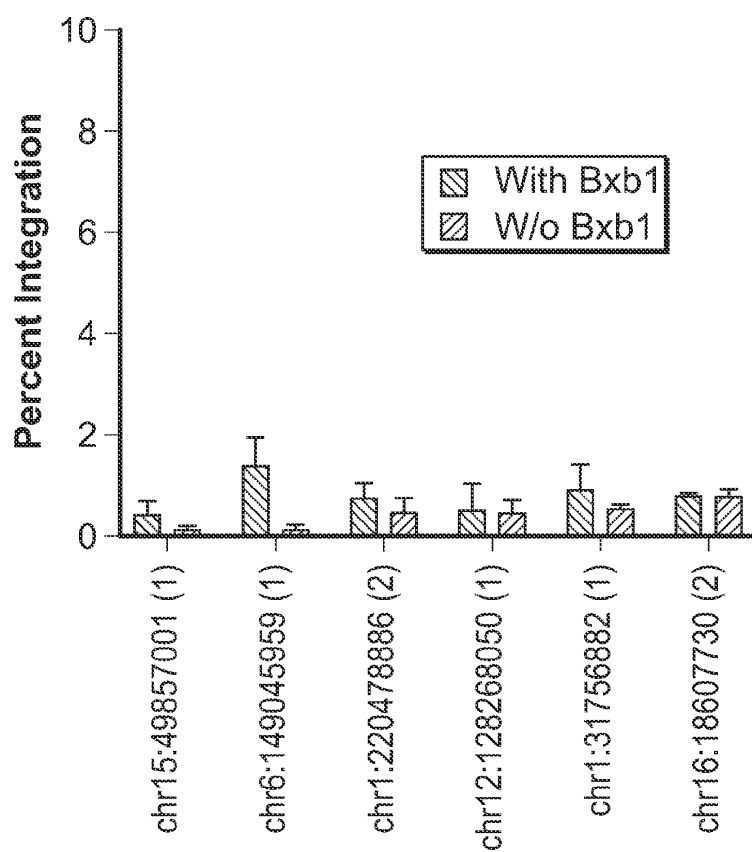


FIG. 26E

37/112

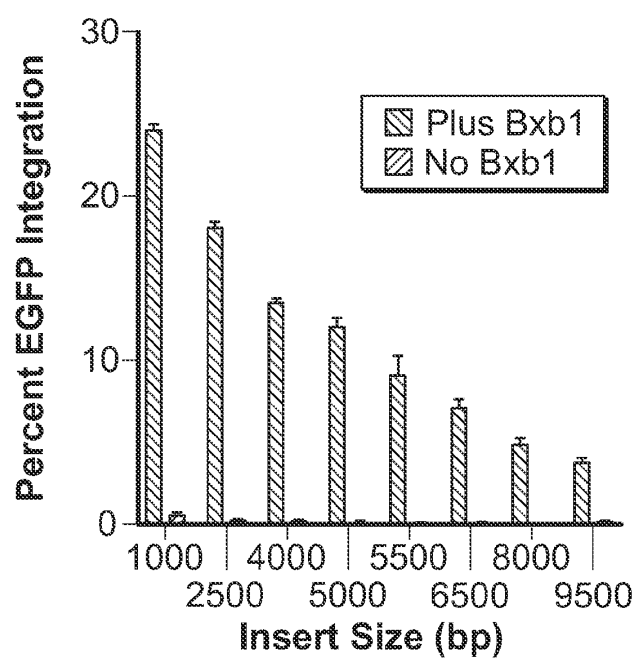


FIG. 26F

38/112

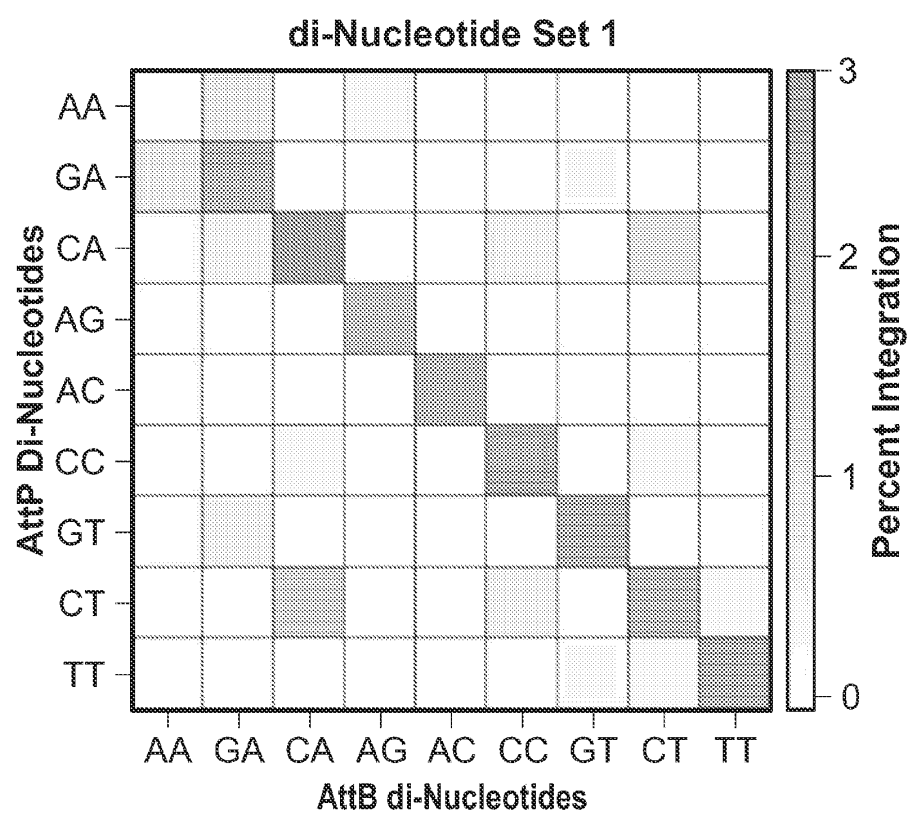
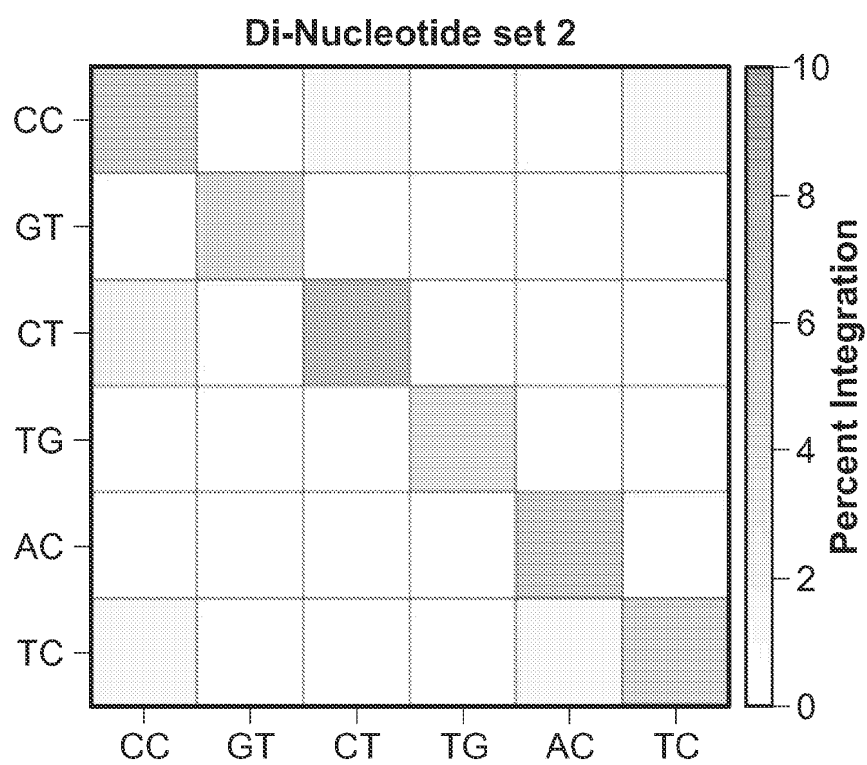


FIG. 27A

39/112

**FIG. 27B**

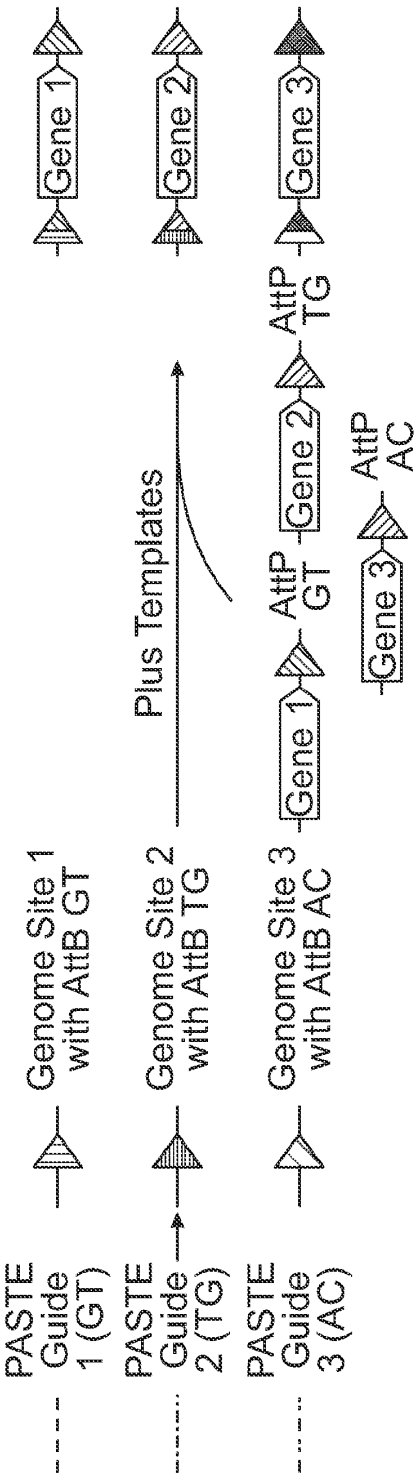


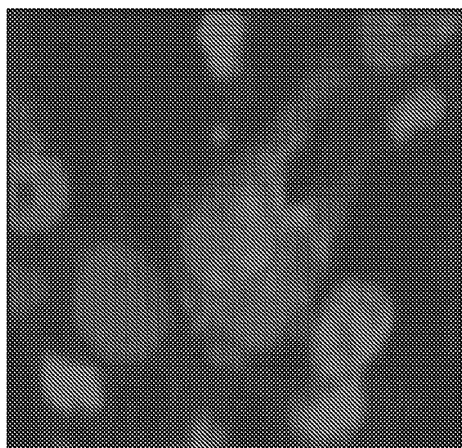
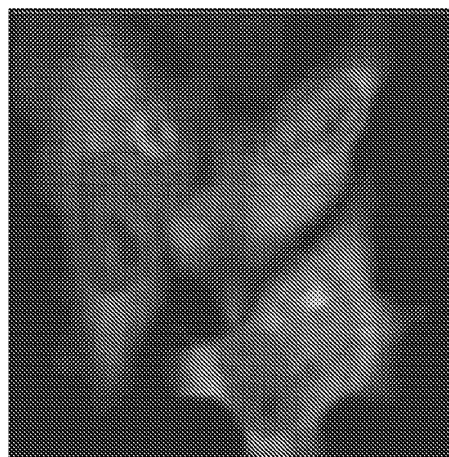
FIG. 27C

41/112

Paste

Literature

ACTB (Cytoskeletal)



SUPT16H (Nucleus)

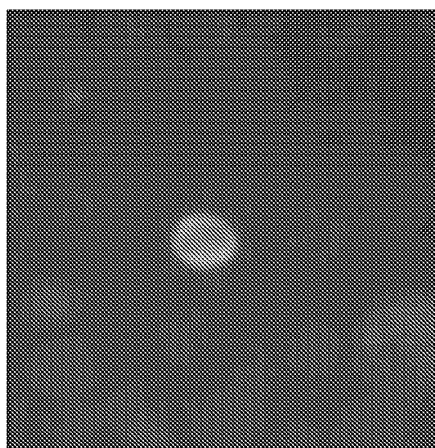
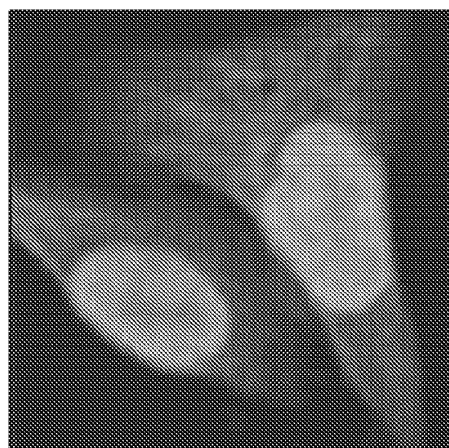
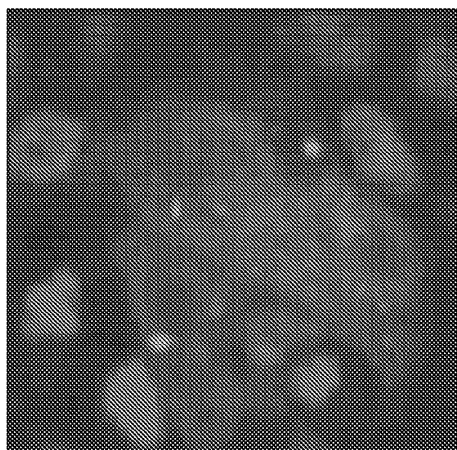


FIG. 28A

42/112

Paste Literature
NOLC1 (Fibrillar Center)



SRRM2 (Nuclear Speckles)

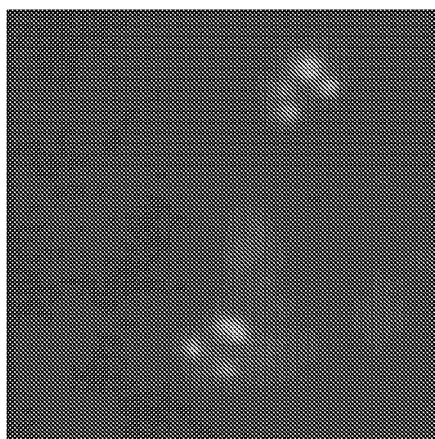


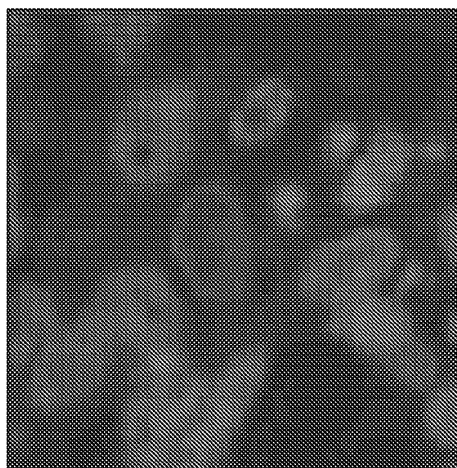
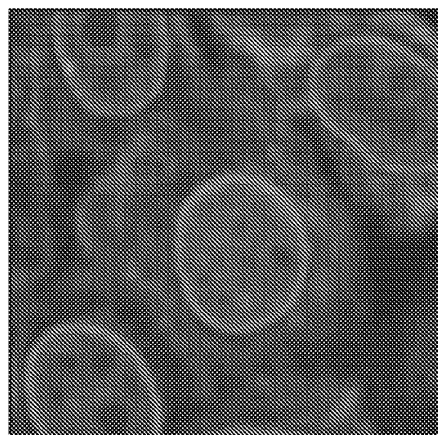
FIG. 28B

43/112

Paste

Literature

LMNB1 (Nuclear Membrane)



DEPDC4 (Aggresome)

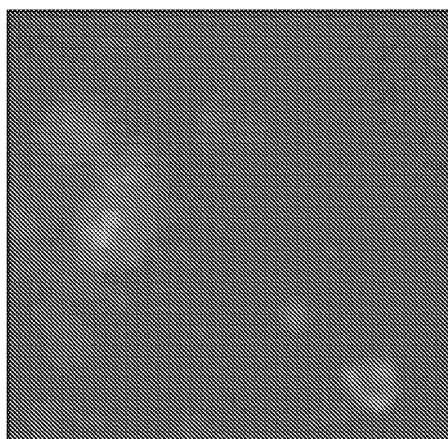


FIG. 28C

44/112

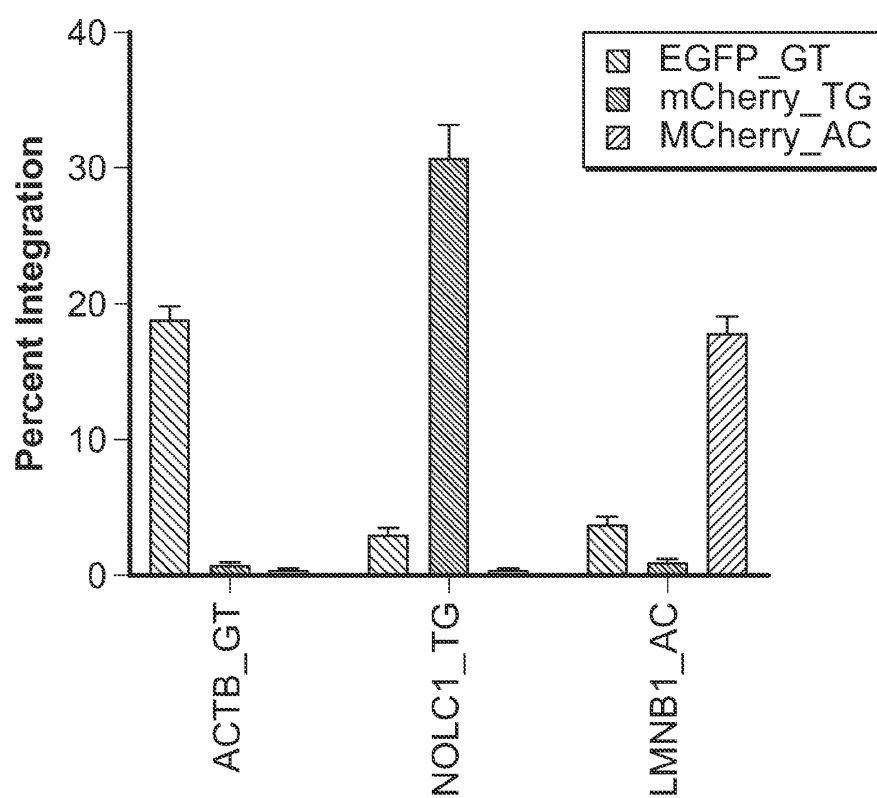


FIG. 28D

45/112

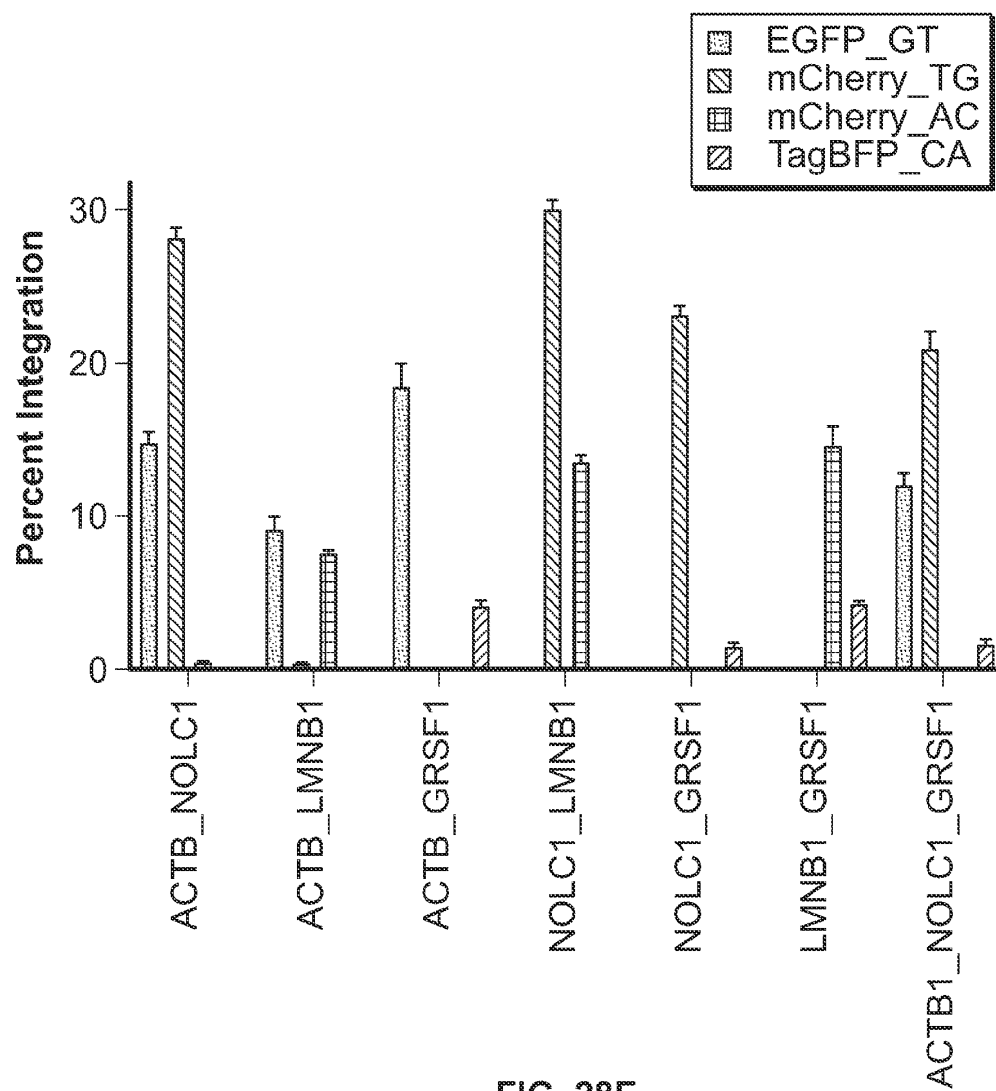
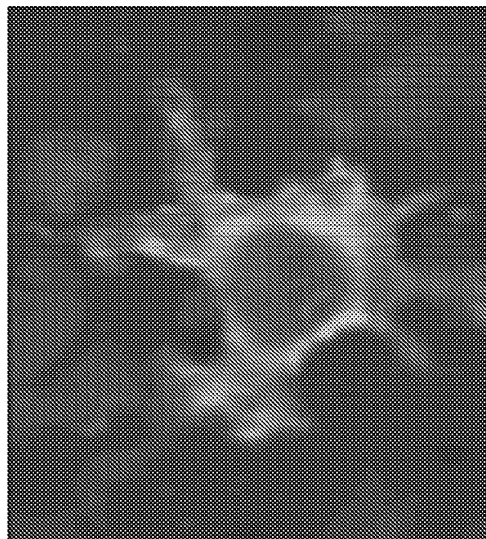


FIG. 28E

46/112

NOLC1 (Fibrillar Center)



ACTB (Cytoskeletal)

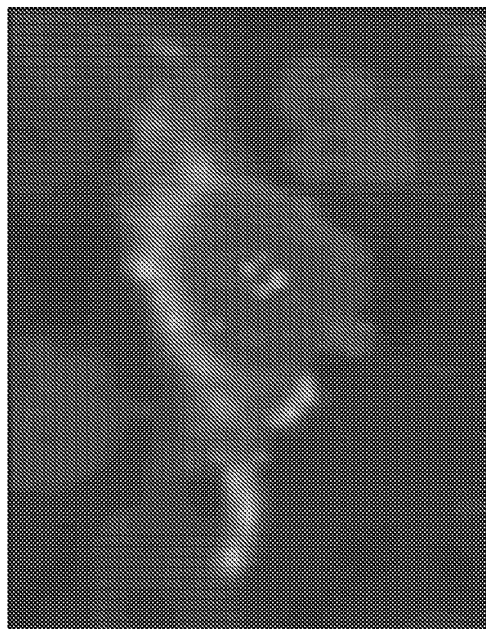
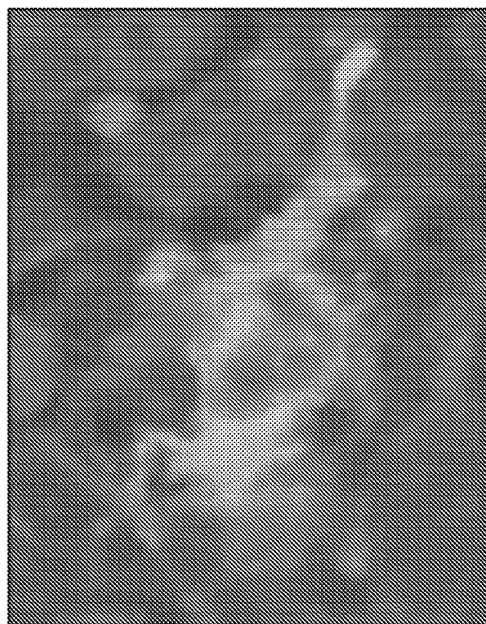


FIG. 28F

47/112

LMNB1 (Nuc. Membrane)



ACTB (Cytoskeletal)

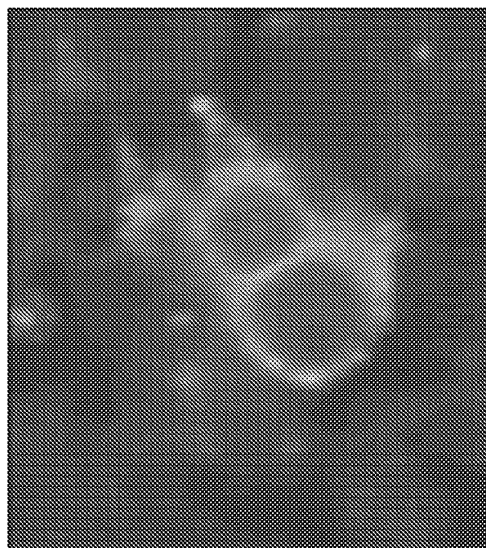
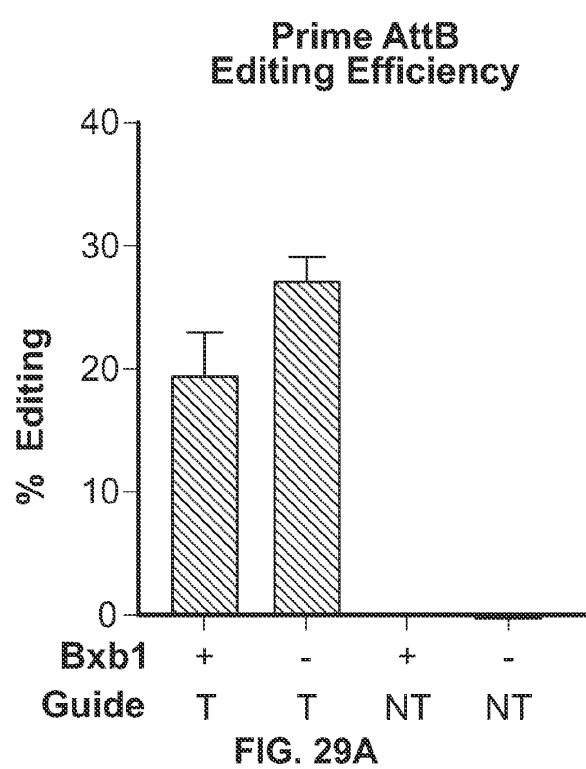
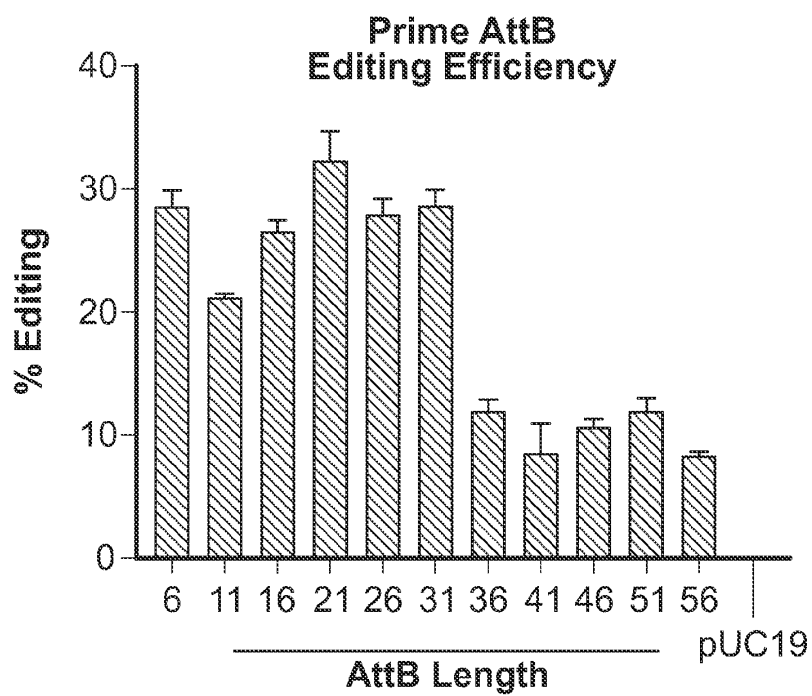
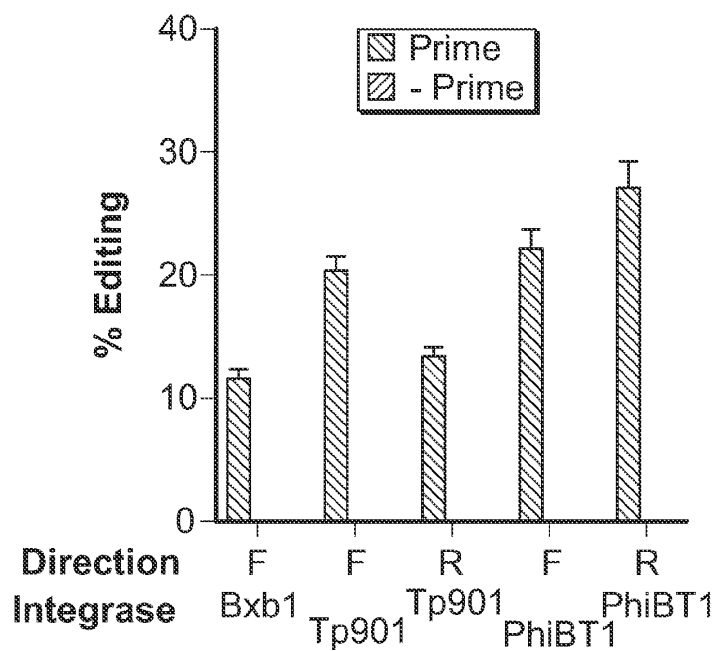


FIG. 28G

48/112



49/112



50/112

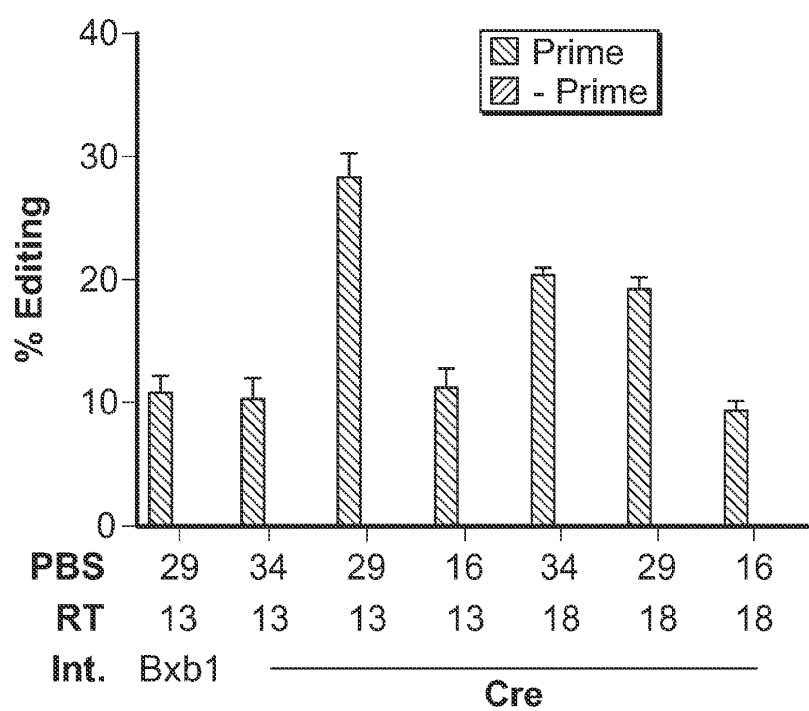


FIG. 29D

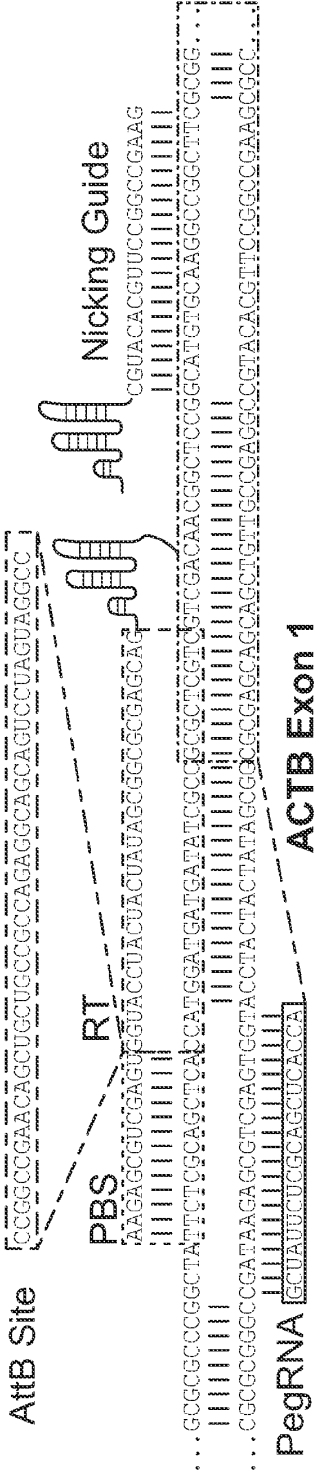


FIG. 29E

52/112

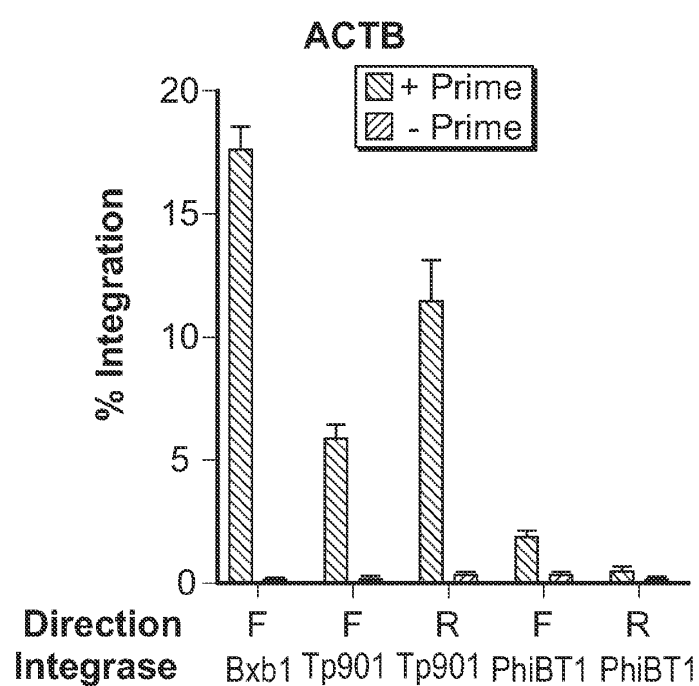


FIG. 29F

53/112

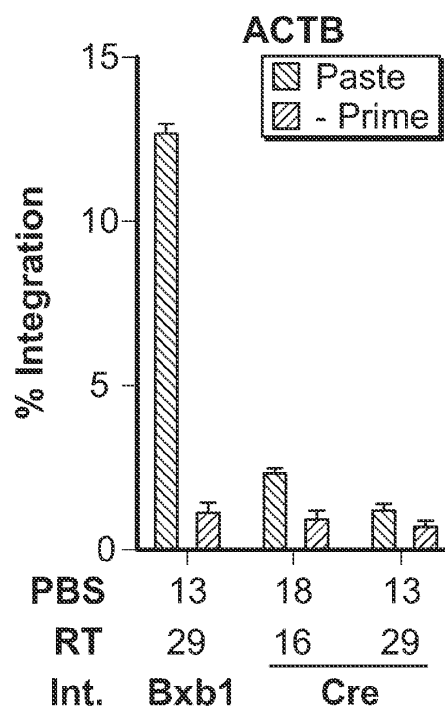


FIG. 29G

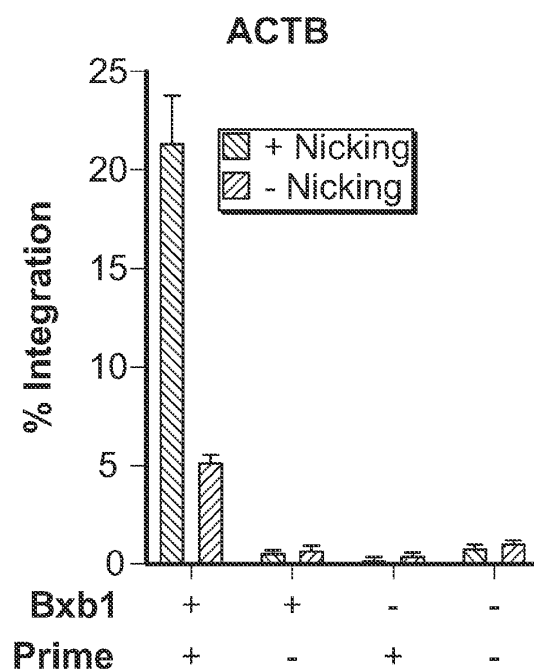


FIG. 29H

54/112

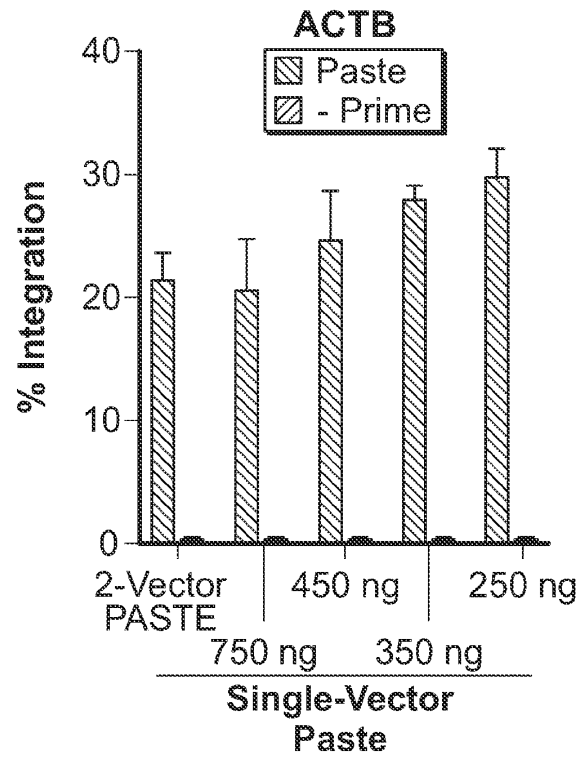


FIG. 29I

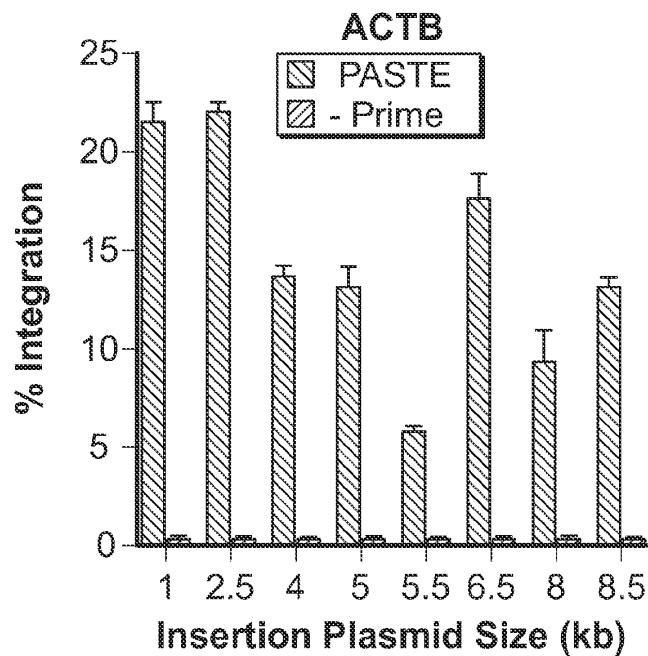


FIG. 29J

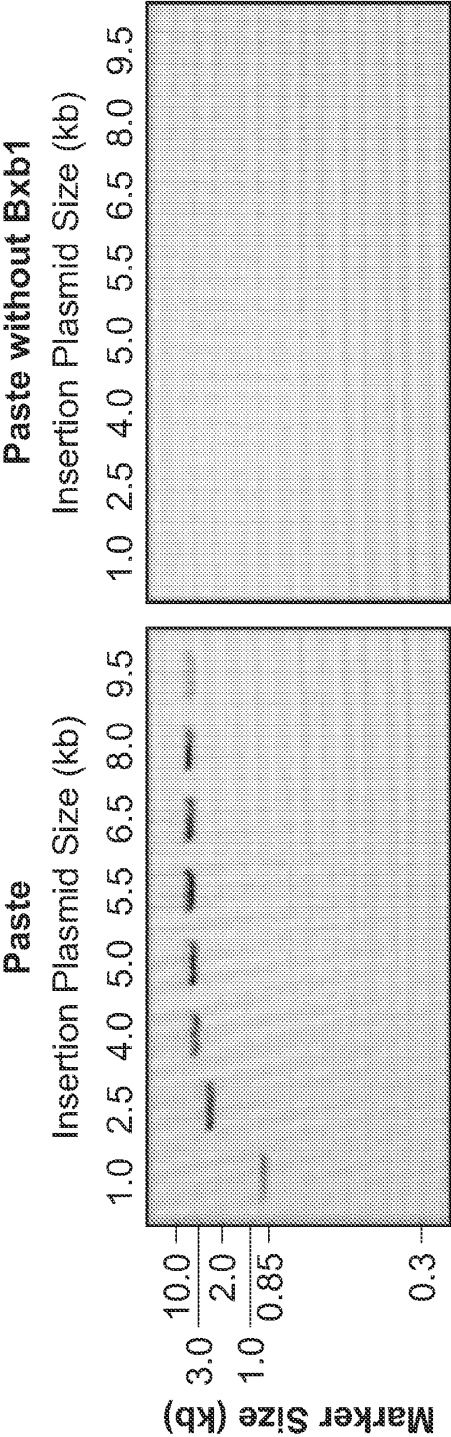


FIG. 29K

56/112

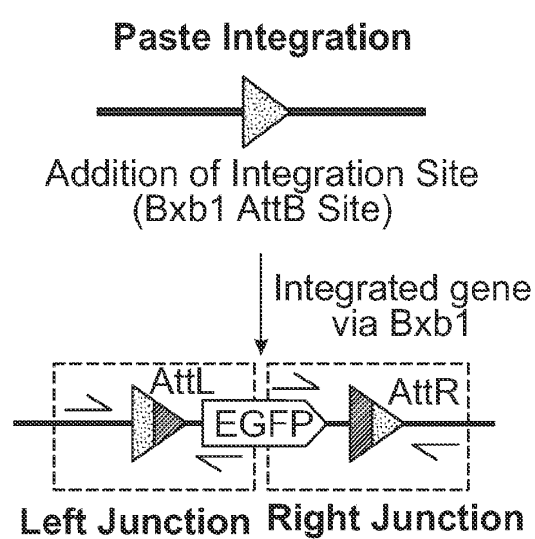
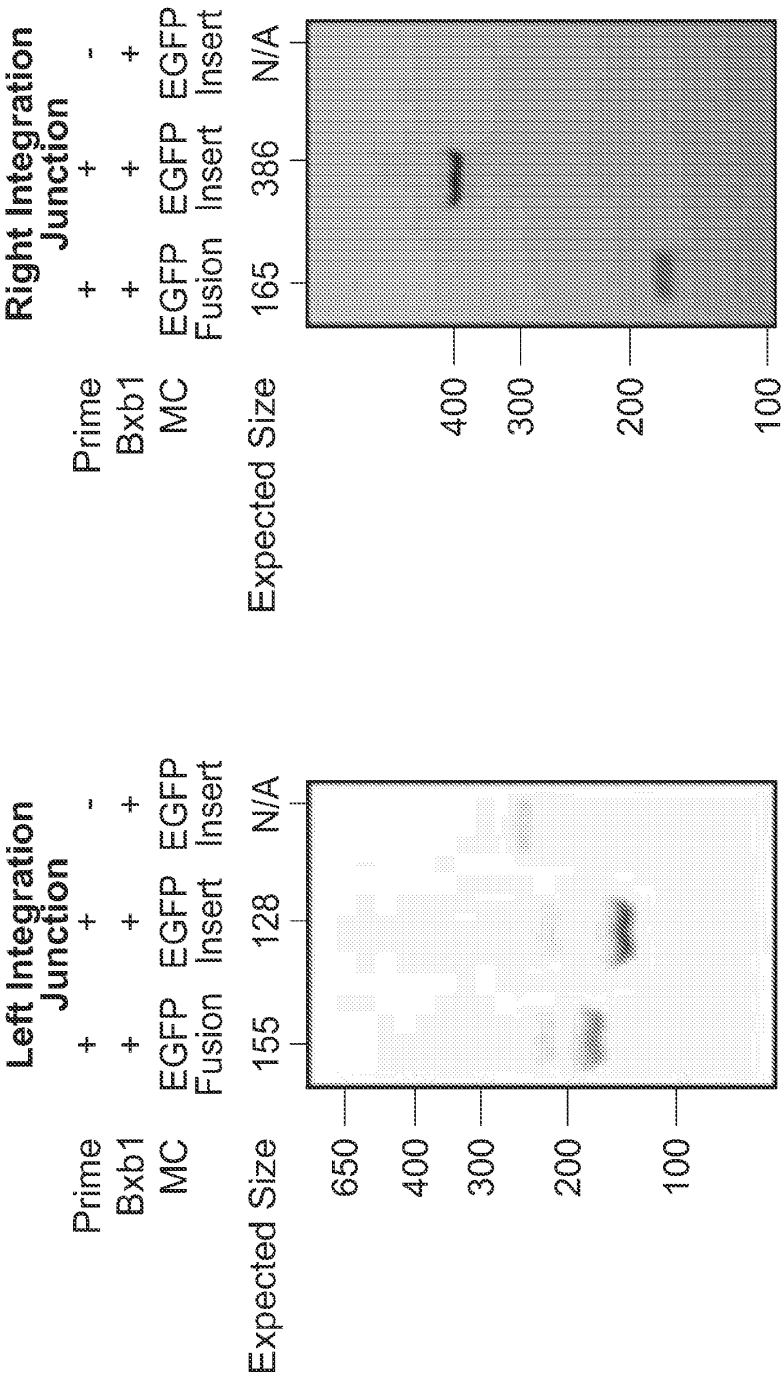


FIG. 30A

57/112



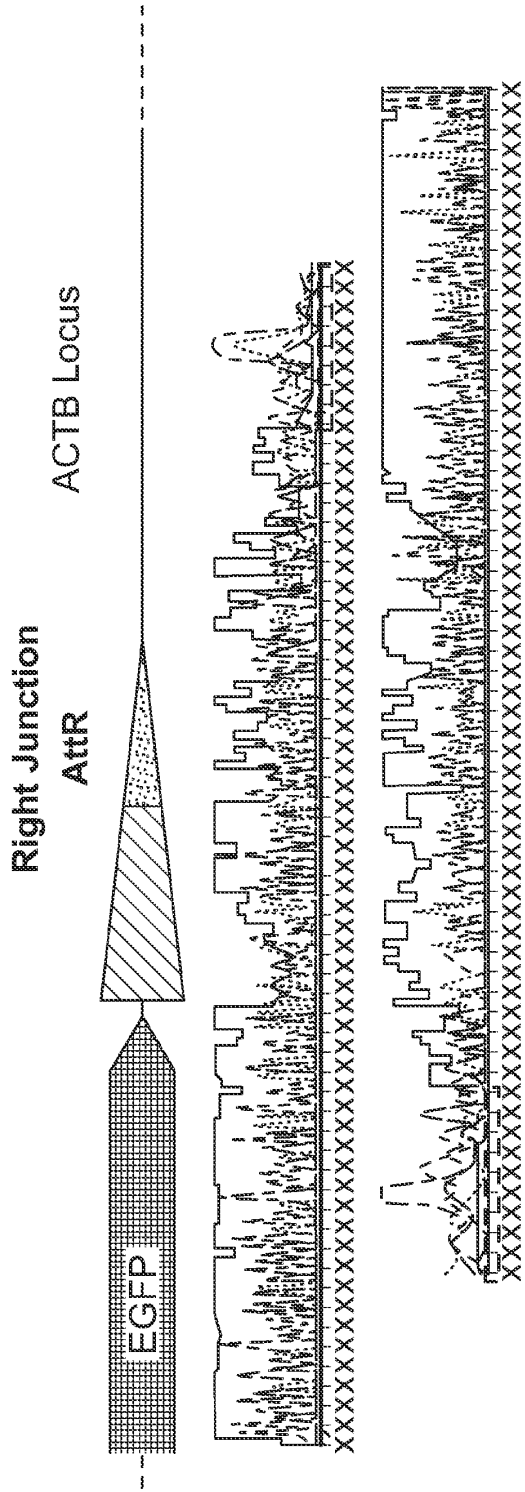
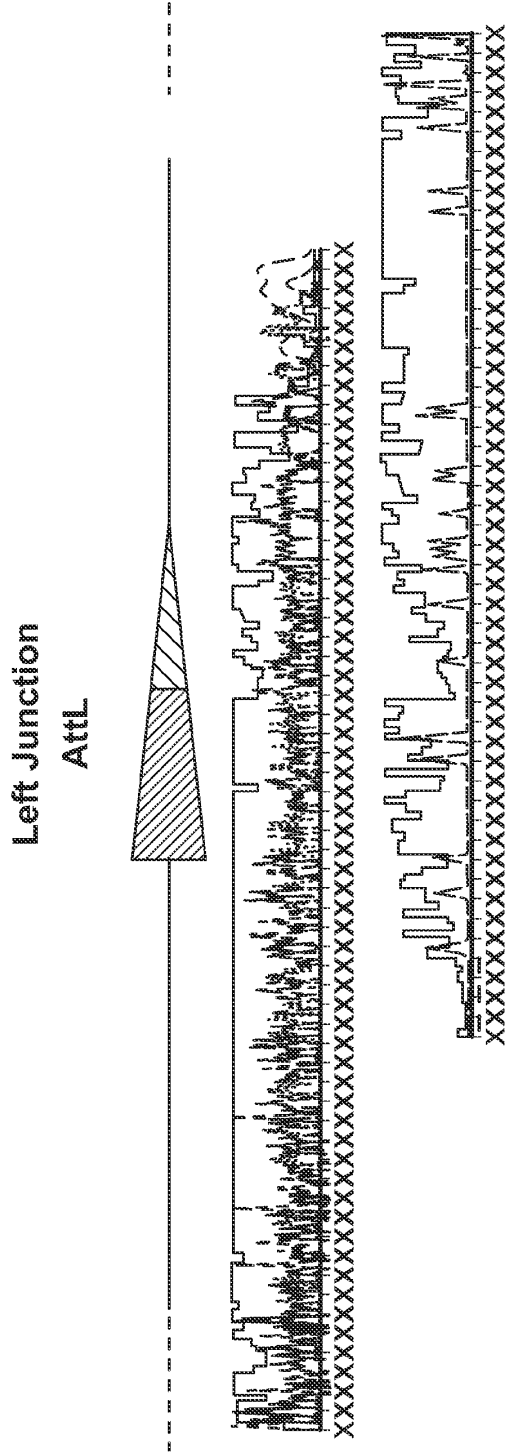
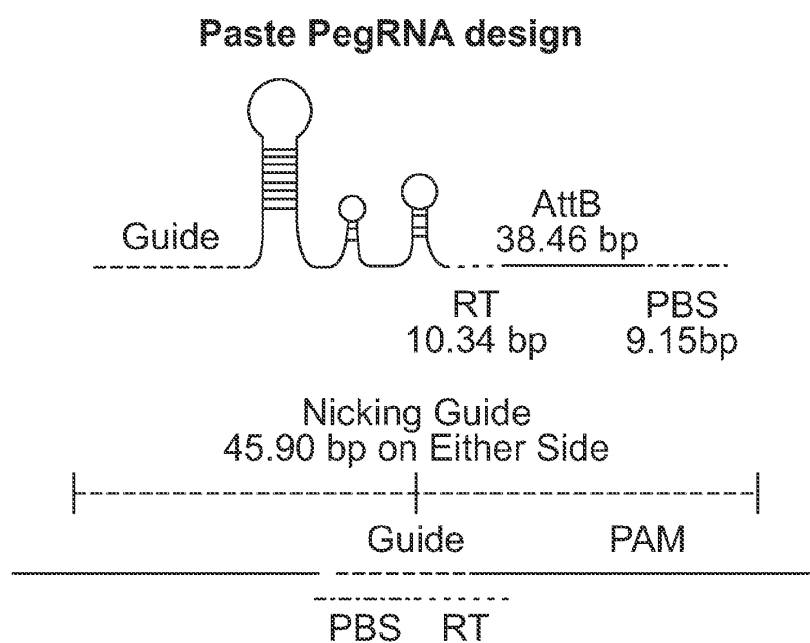


FIG. 30D



60/112

**Target Considerations****FIG. 31A**

61/112

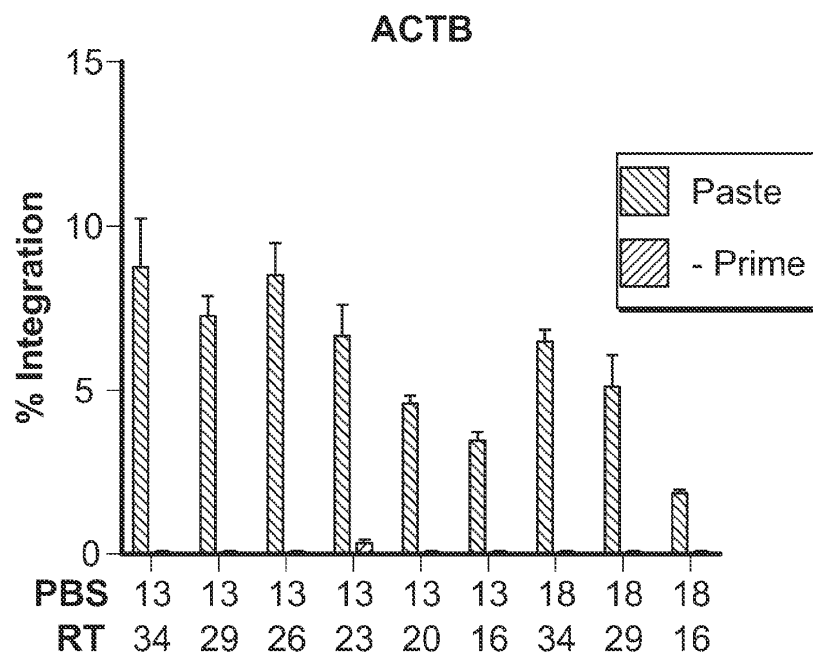


FIG. 31B

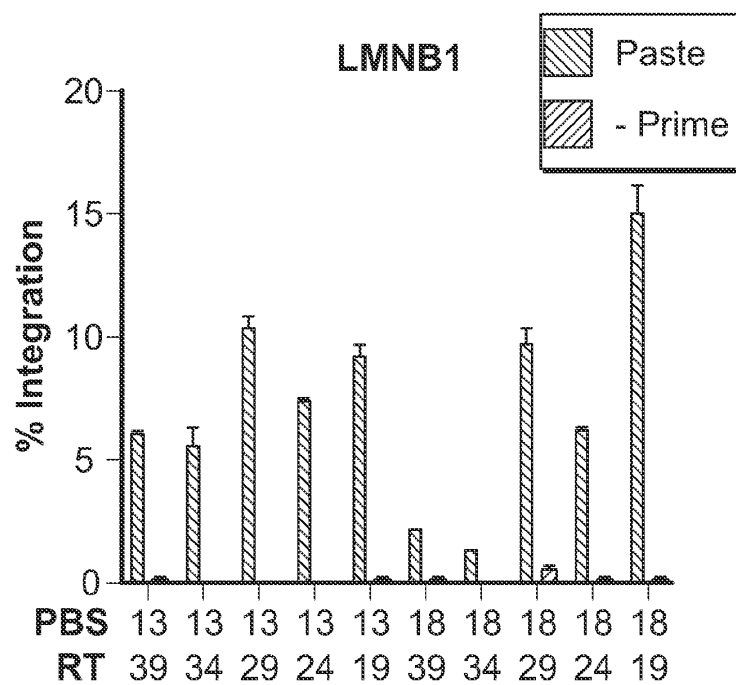


FIG. 31C

62/112

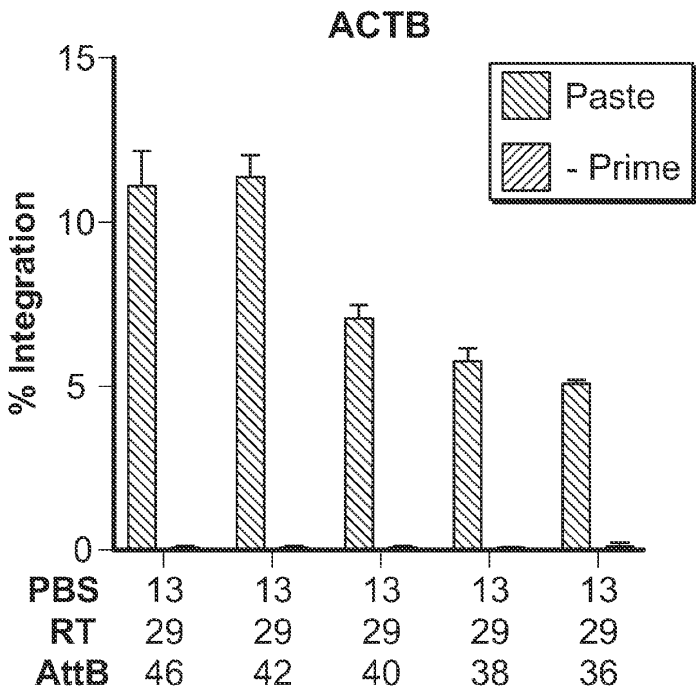


FIG. 31D

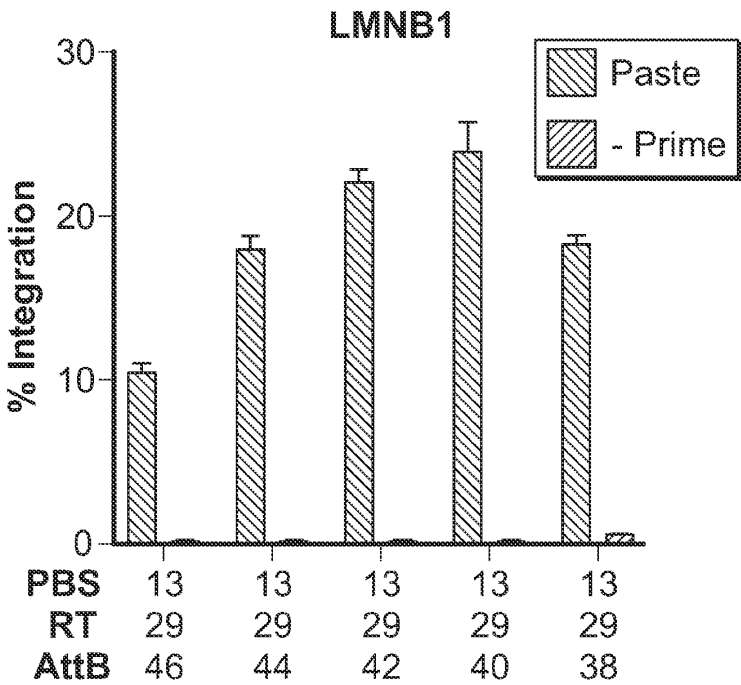
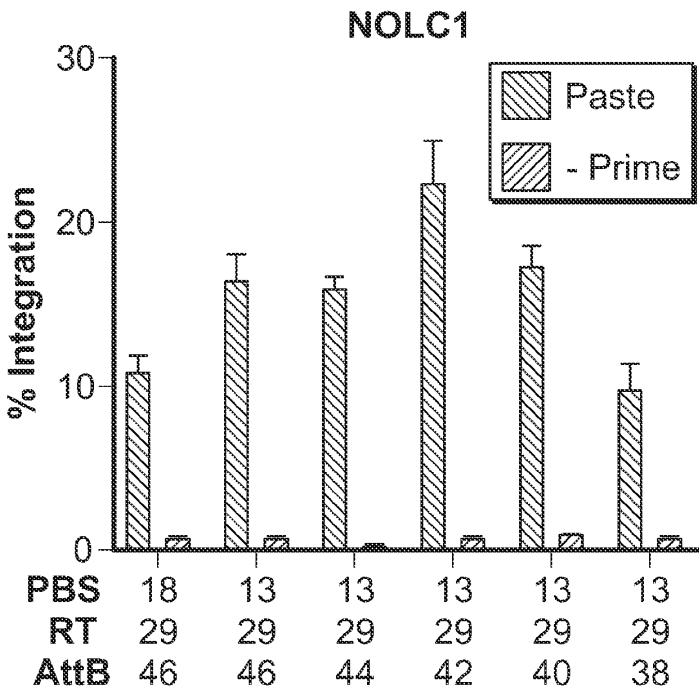
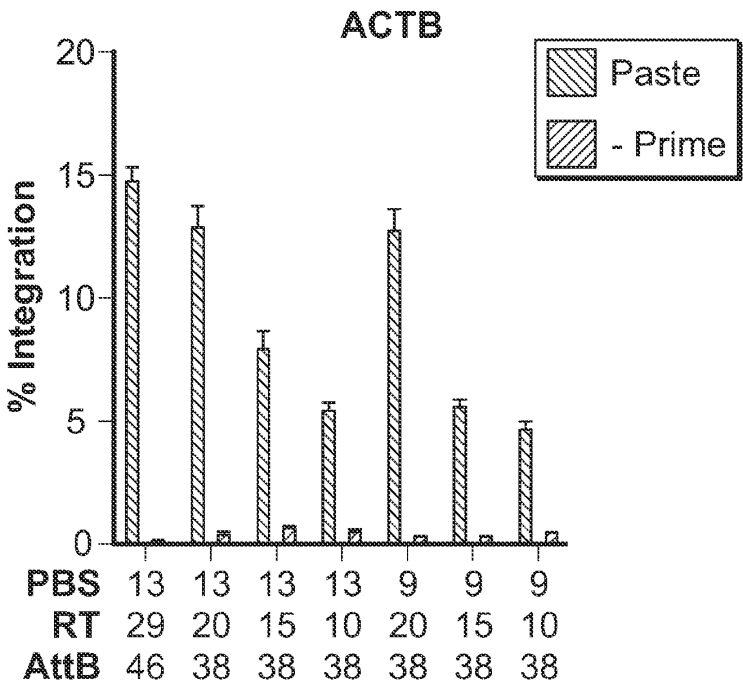


FIG. 31E

63/112



64/112

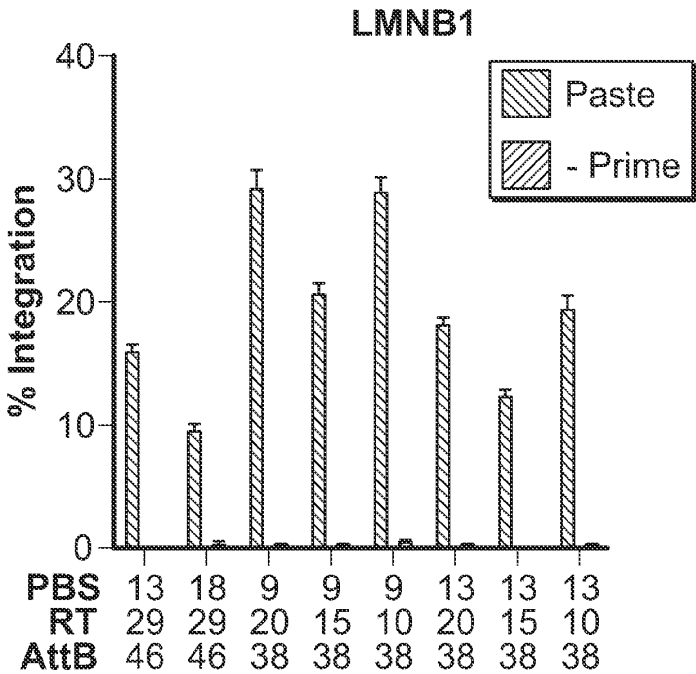


FIG. 31H

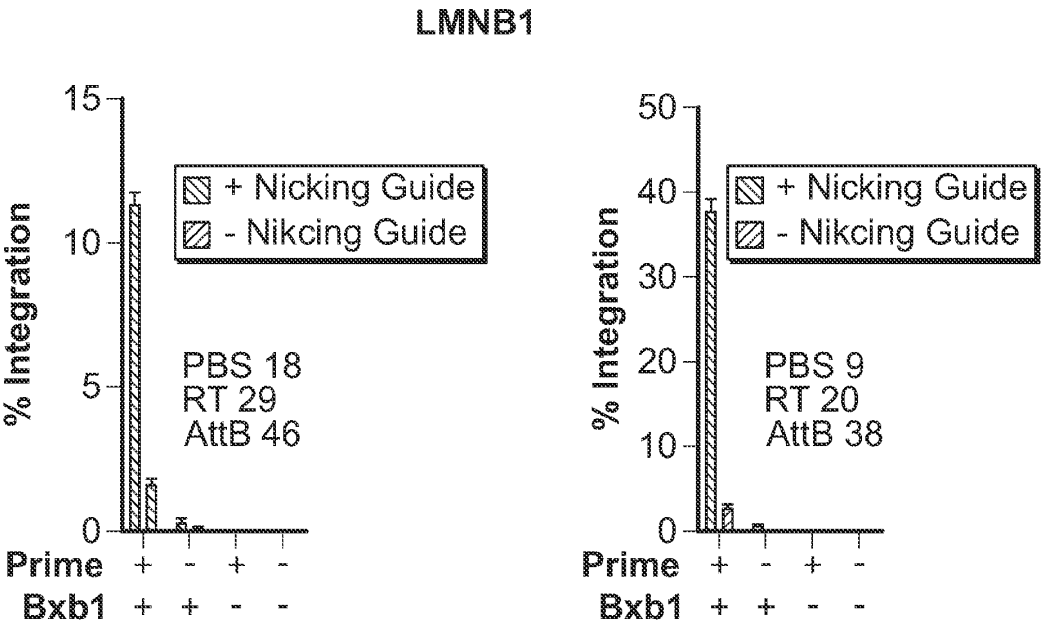


FIG. 31I

65/112

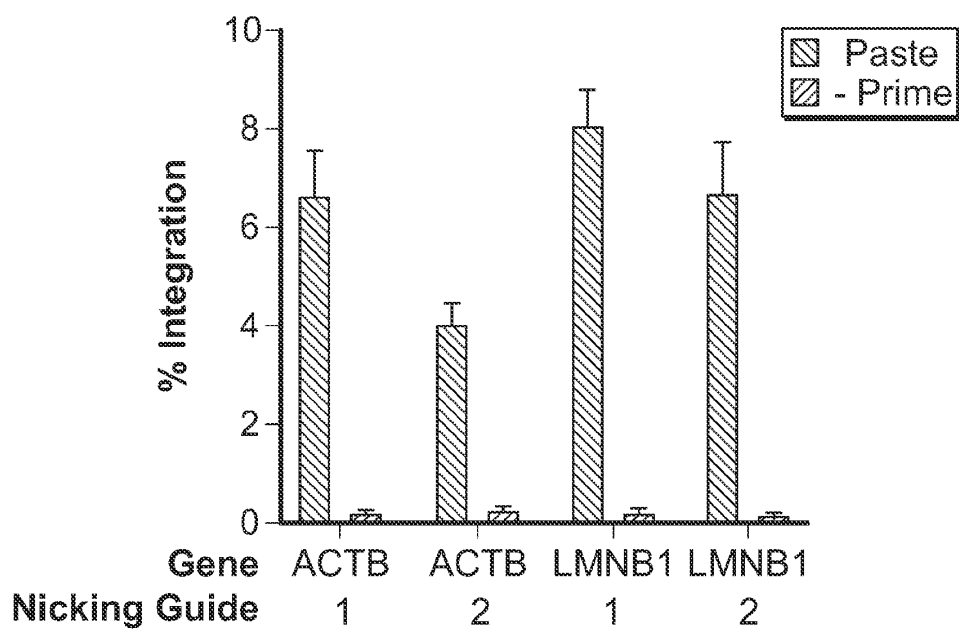


FIG. 32A

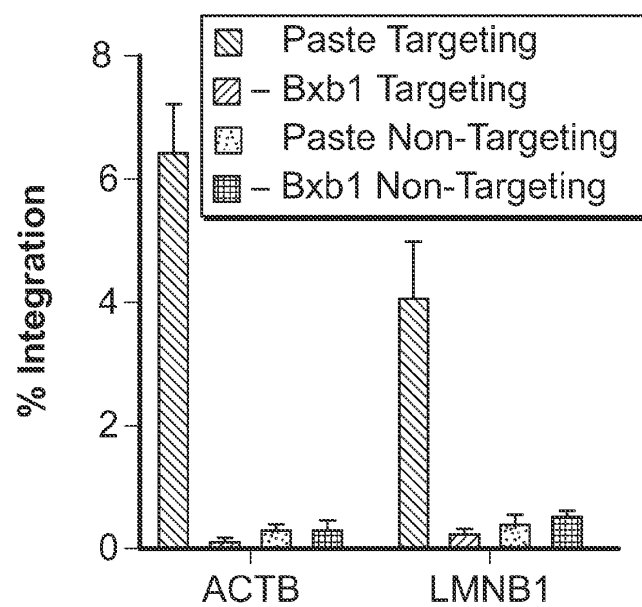


FIG. 32B

66/112

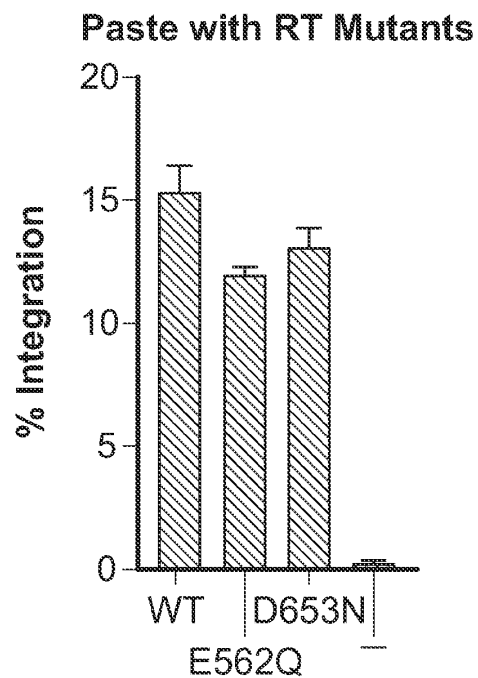


FIG. 33A

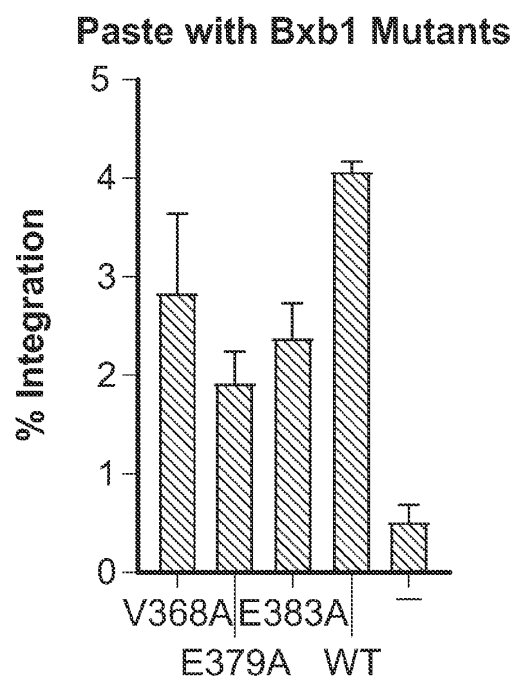


FIG. 33B

67/112

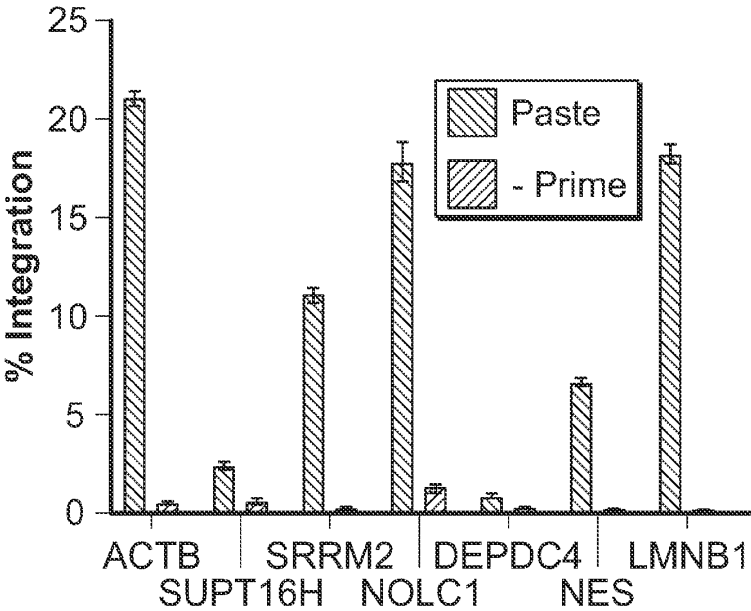


FIG. 34A

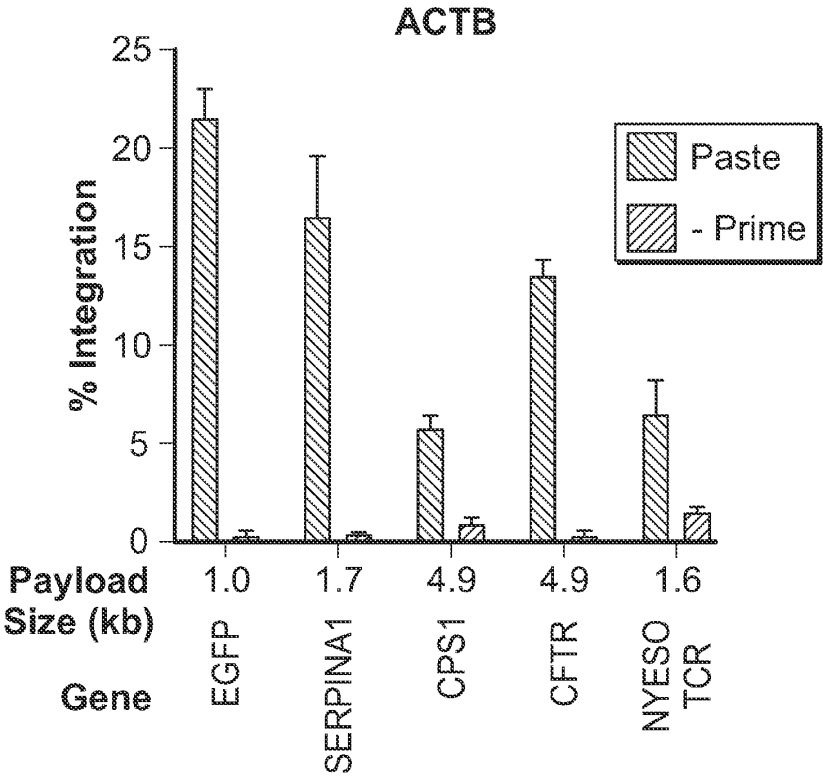


FIG. 34B

68/112

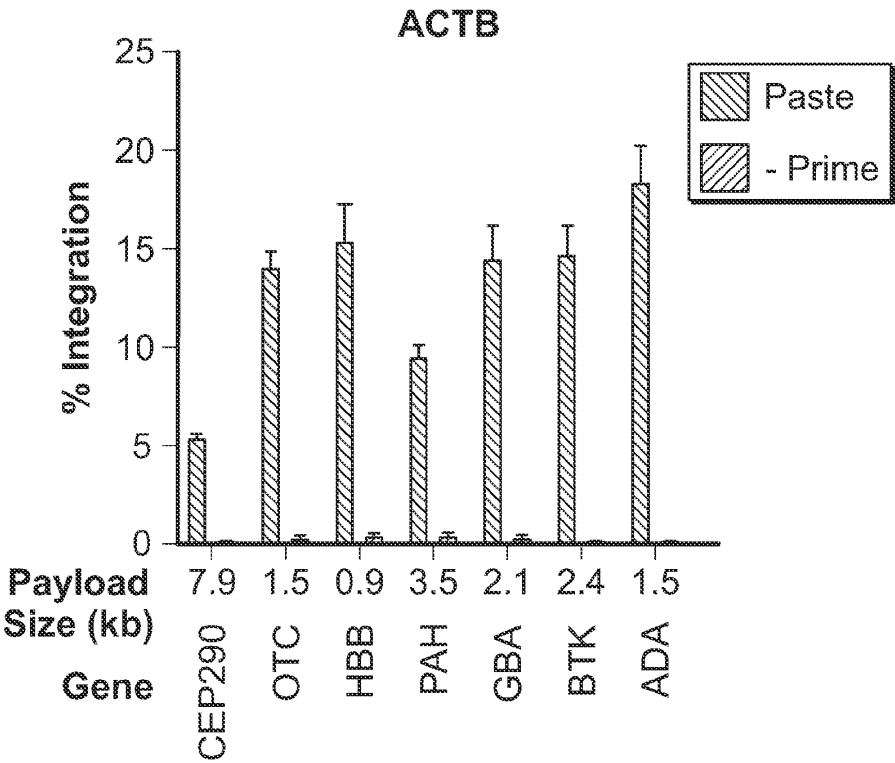
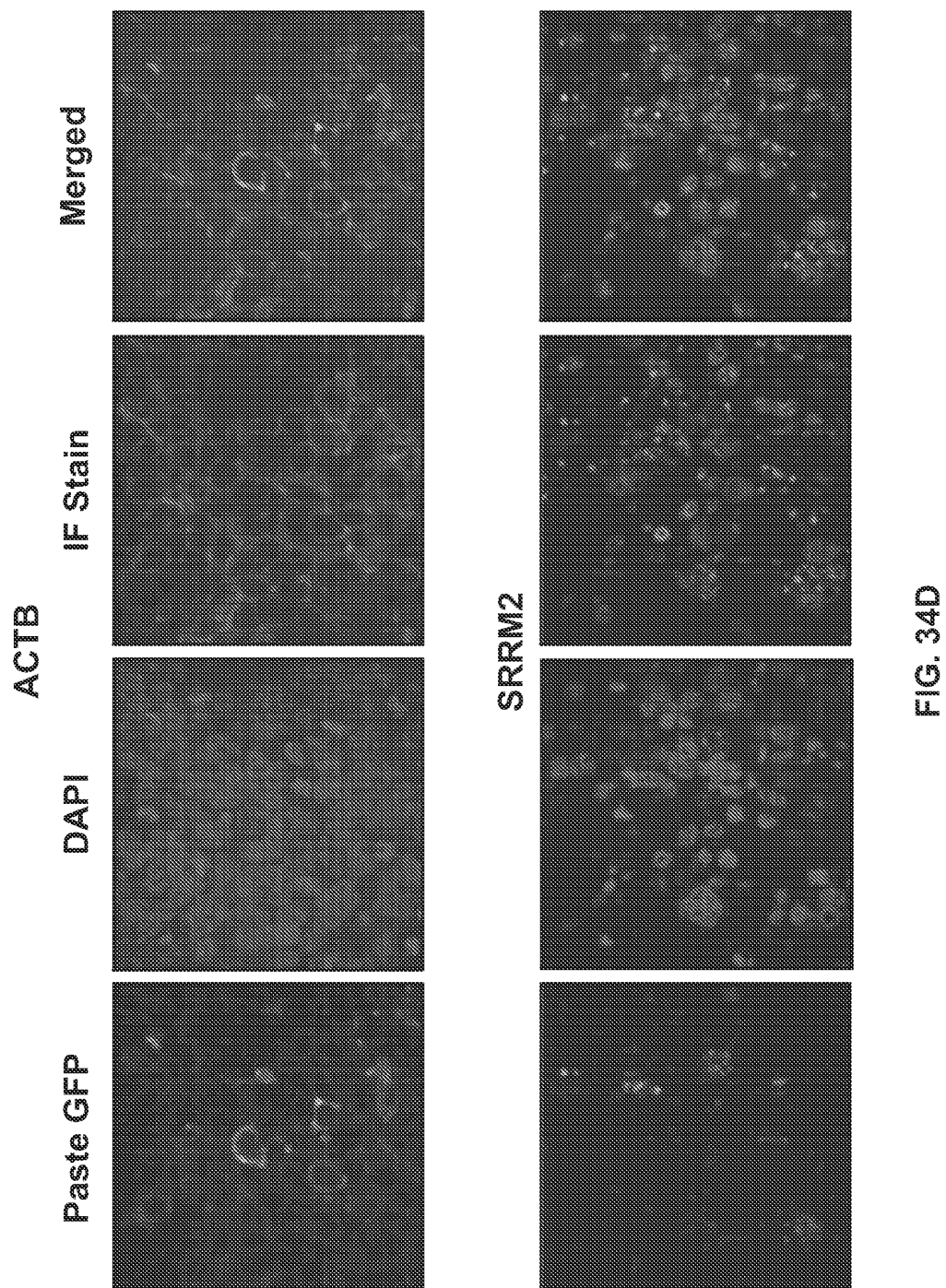
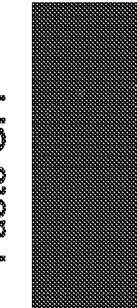
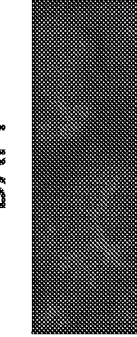
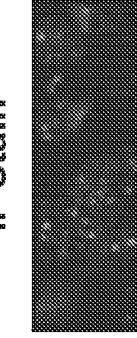
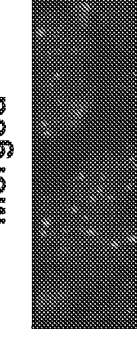
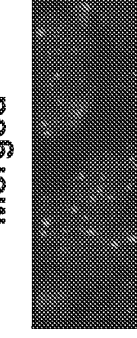
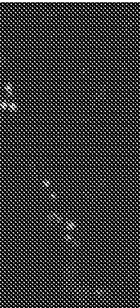
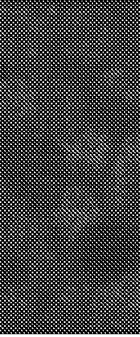
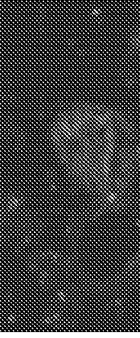
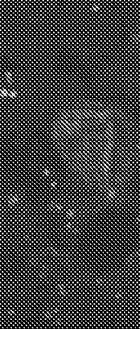
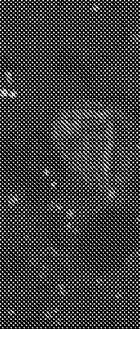


FIG. 34C

69/112



	Paste GFP	DAPI	NOLC1	IF Stain	Merged
LMNB1					
NOLC1					

LEGE 34E

71/112

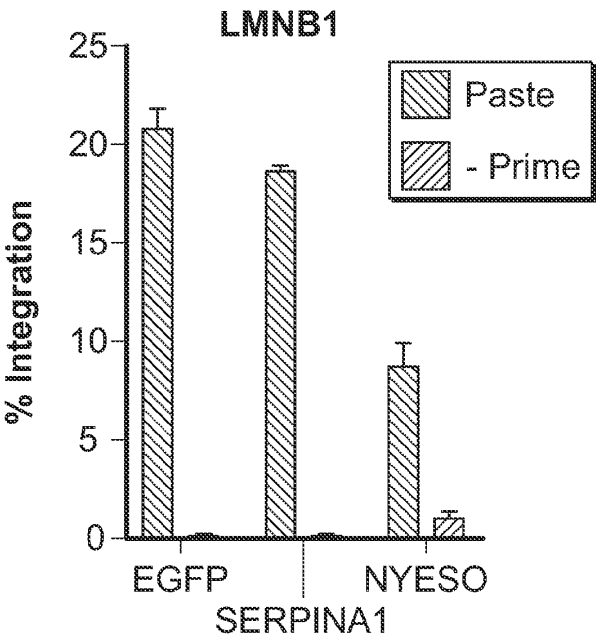


FIG. 35

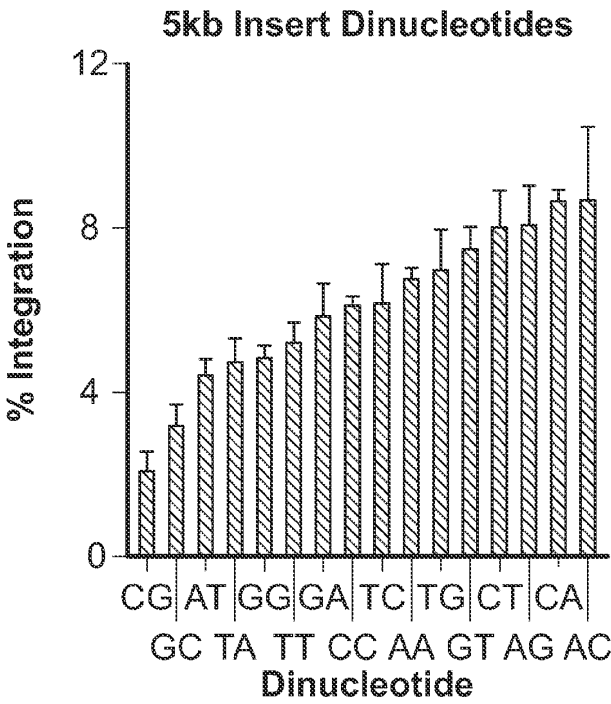


FIG. 36A

72/112

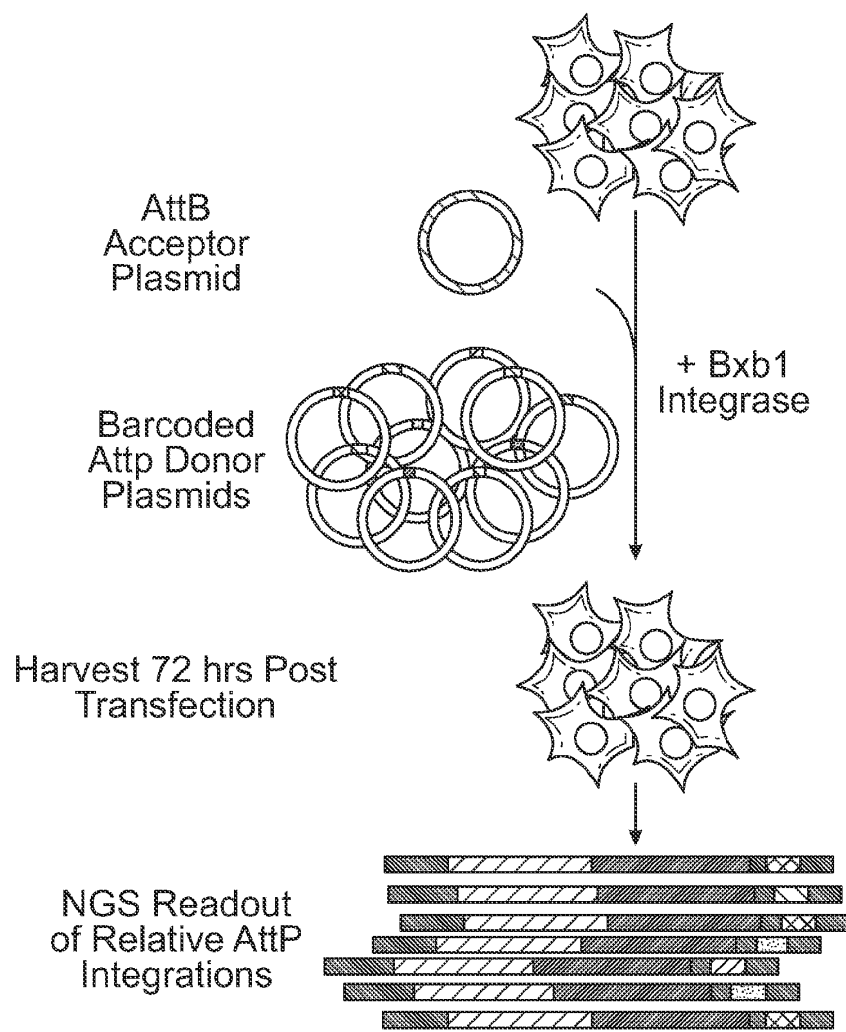


FIG. 36B

73/112

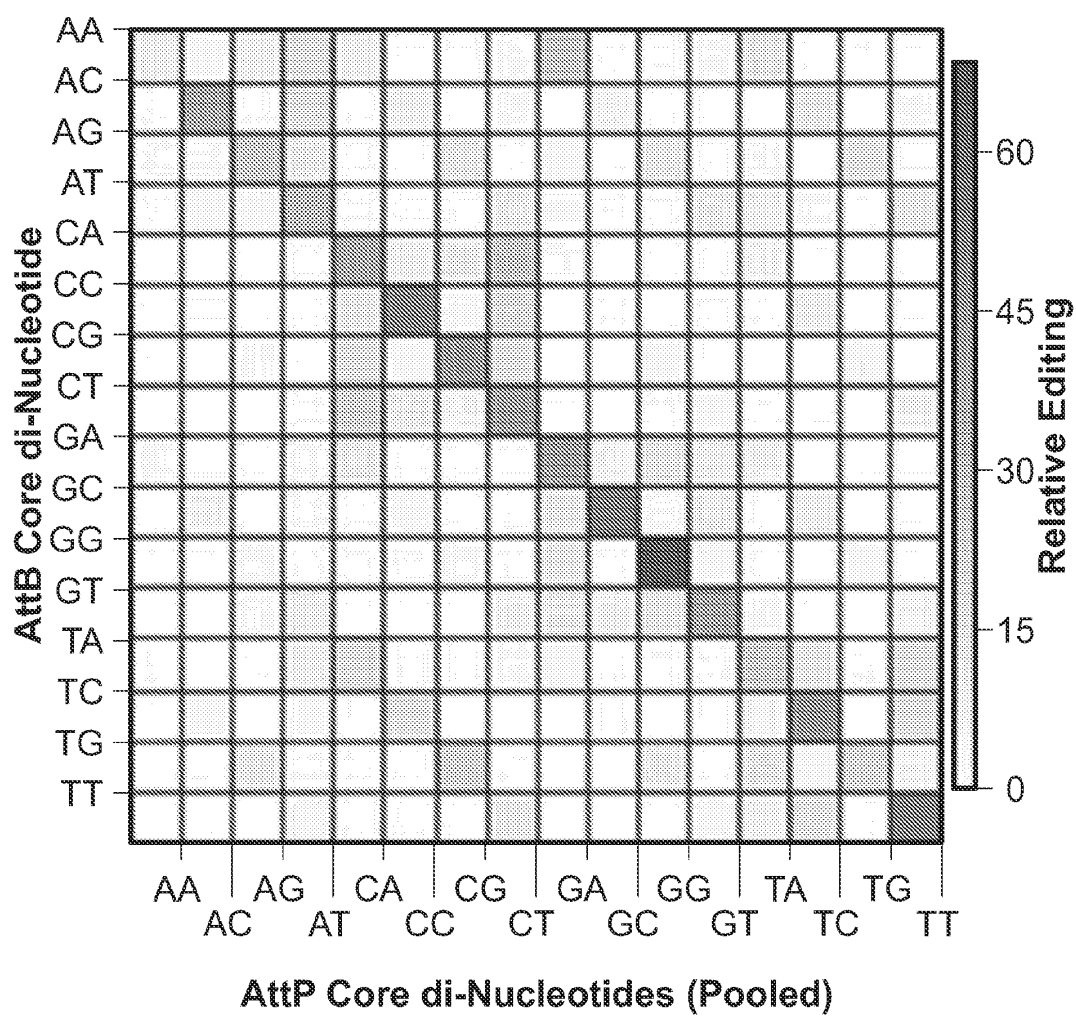


FIG. 36C

74/112

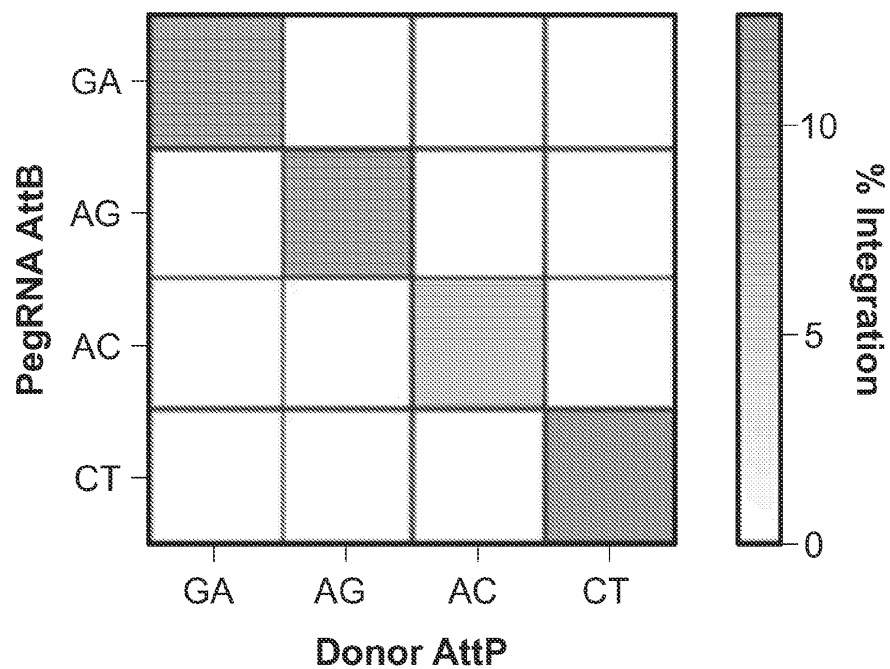


FIG. 36D

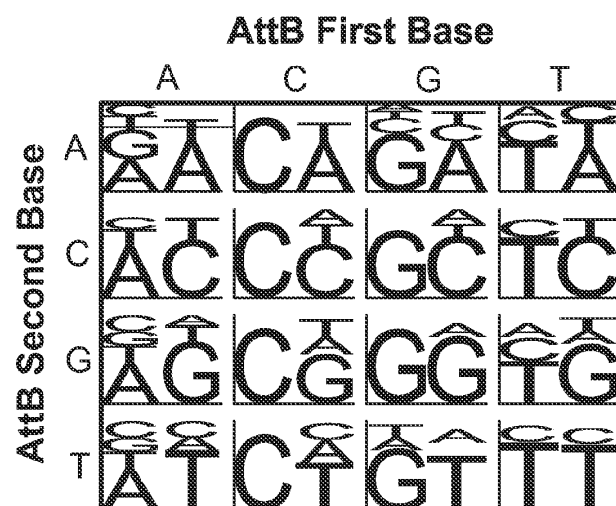


FIG. 37

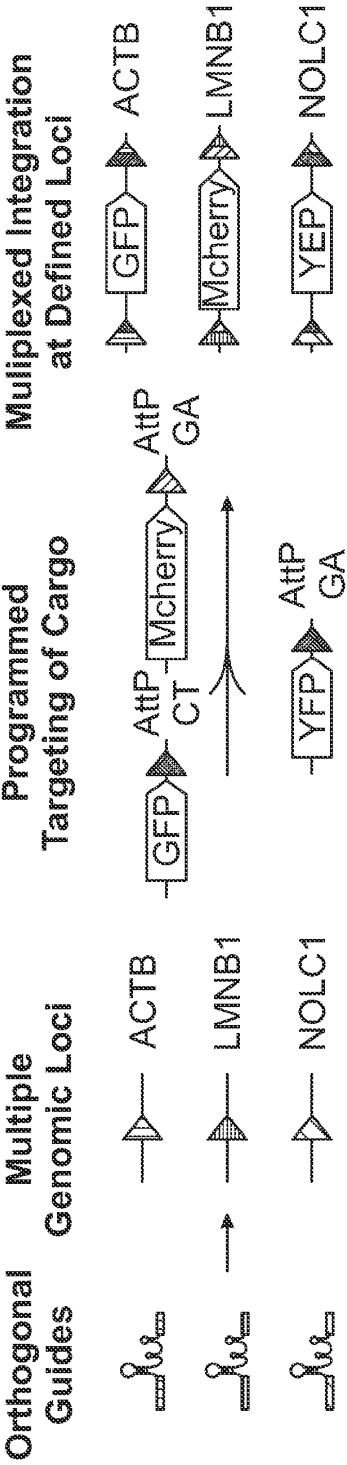
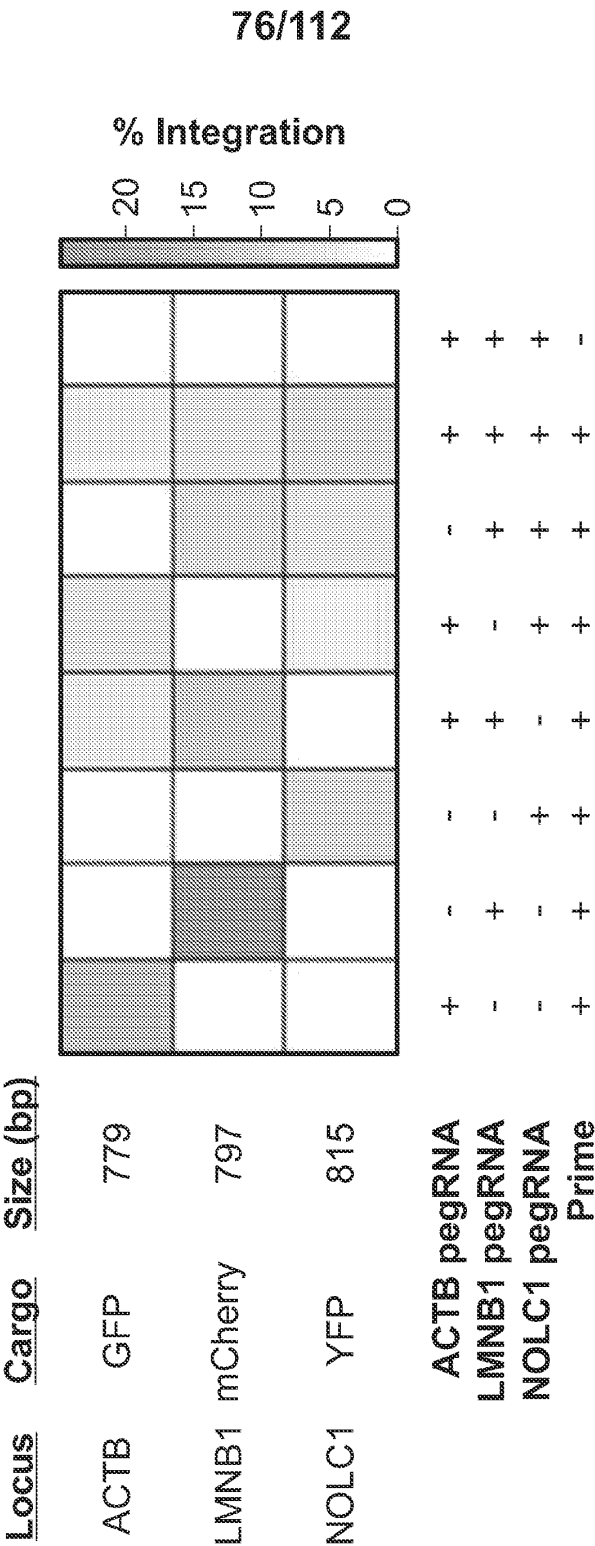


FIG. 38A



77/112

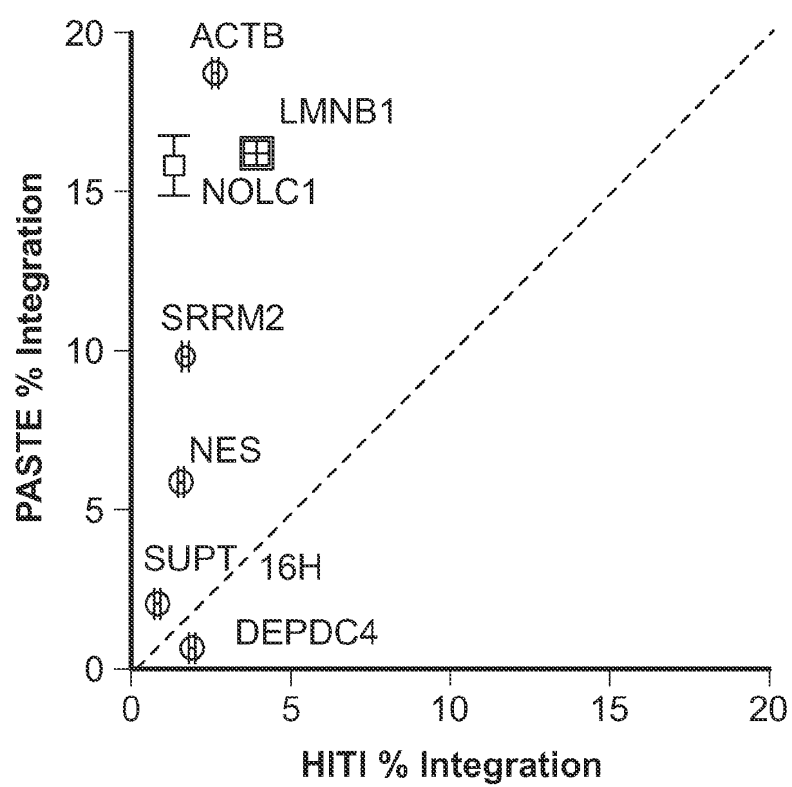


FIG. 39A

78/112

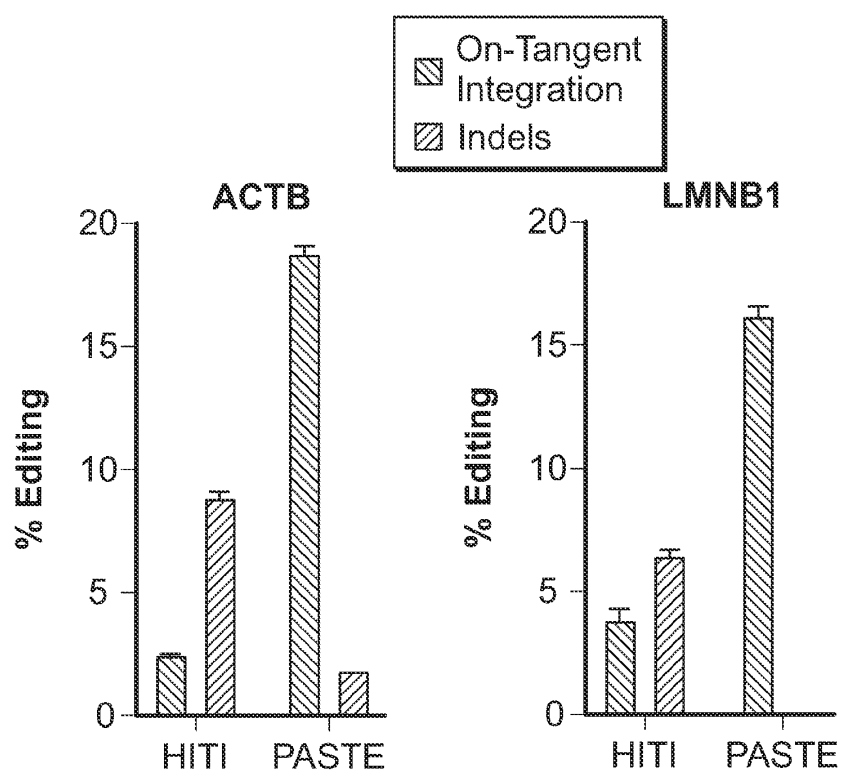


FIG. 39B

79/112

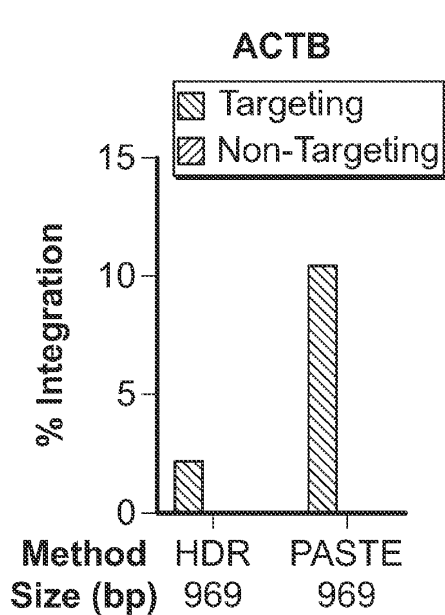


FIG. 39C

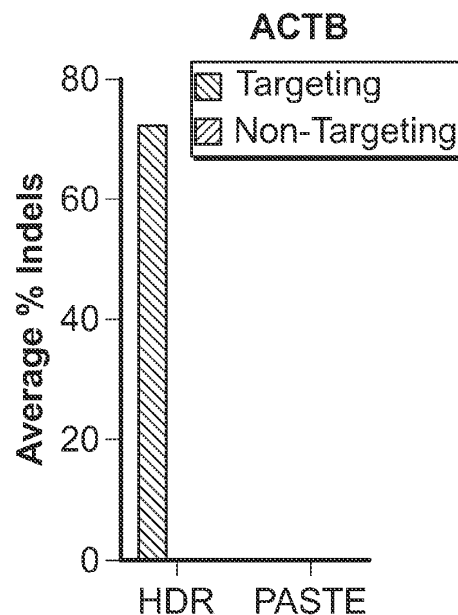


FIG. 39D

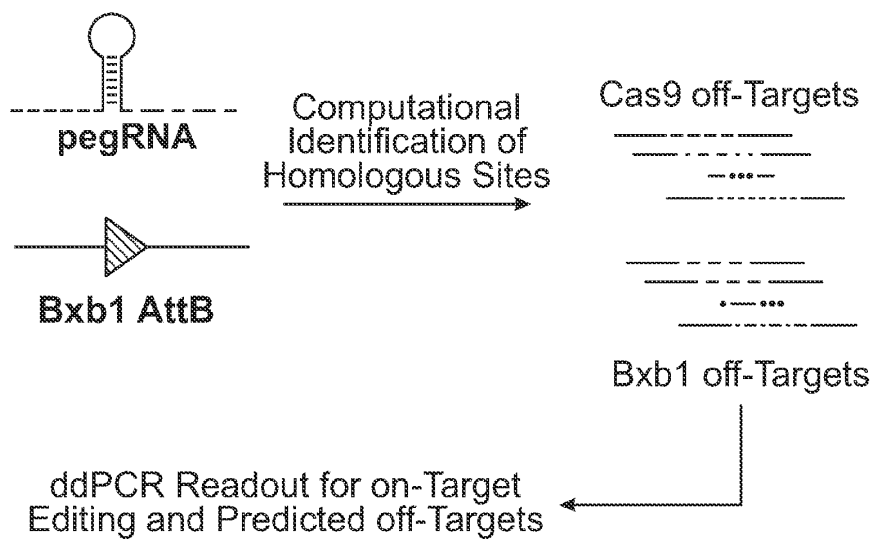
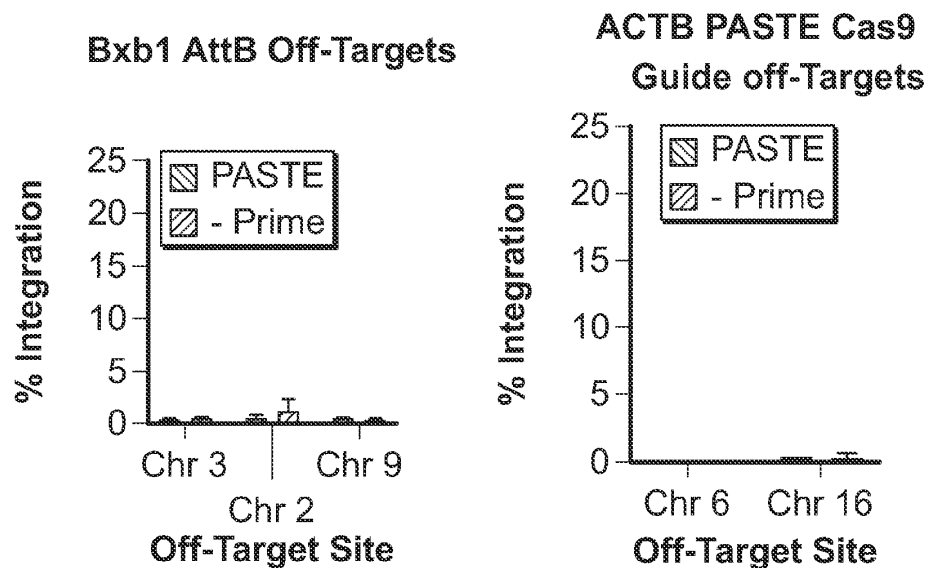
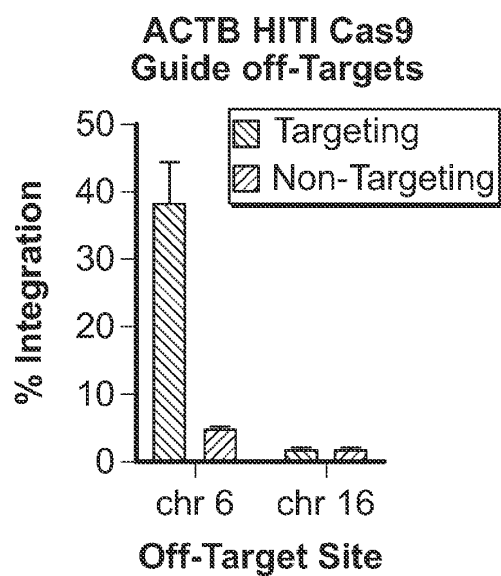


FIG. 39E

80/112



81/112

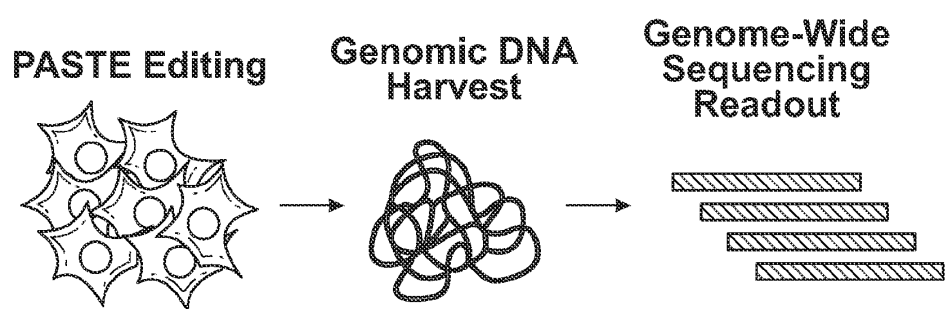


FIG. 39I

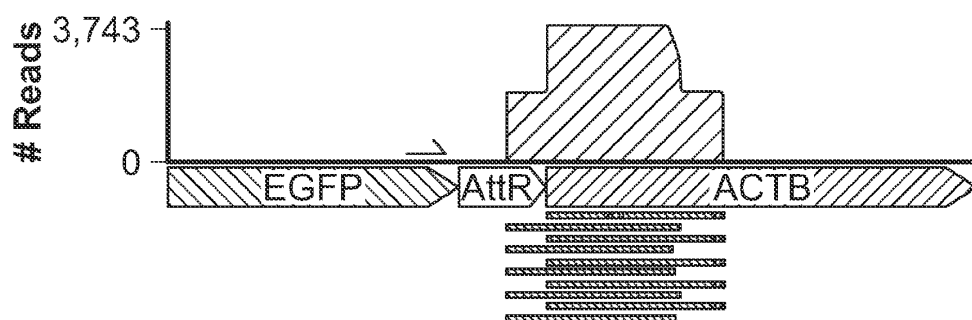


FIG. 39J

82/112

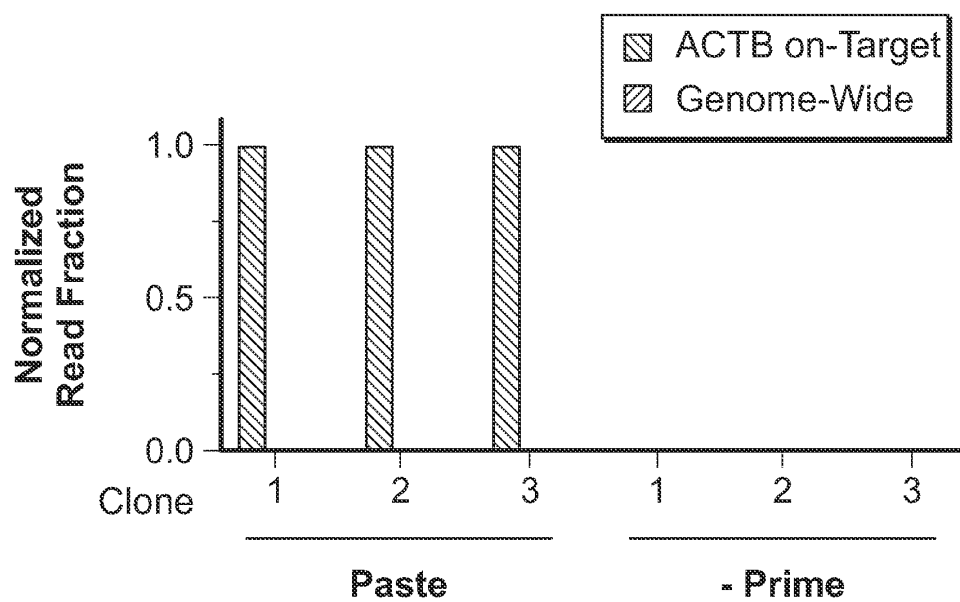


FIG. 39K

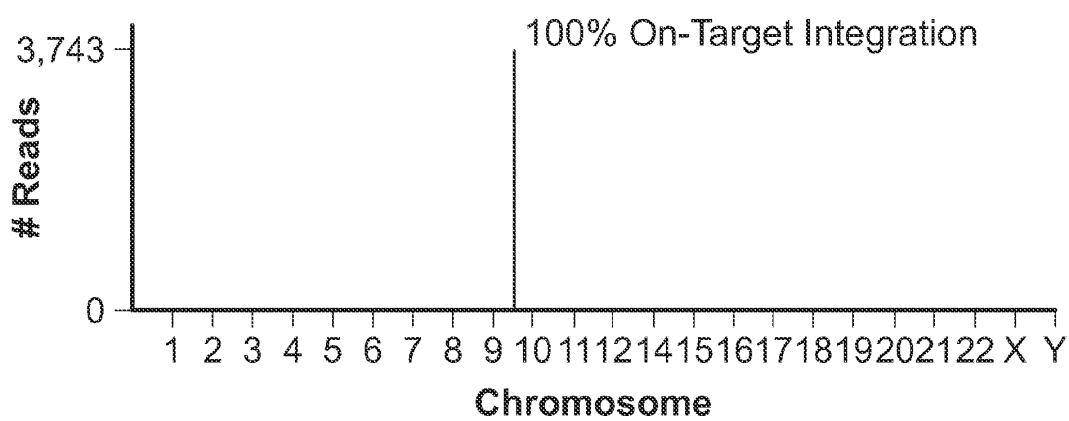


FIG. 39L

83/112

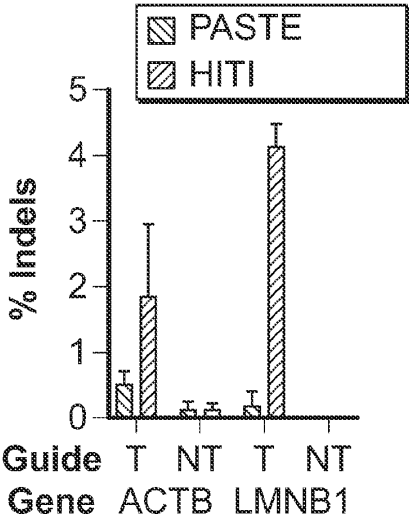


FIG. 40A

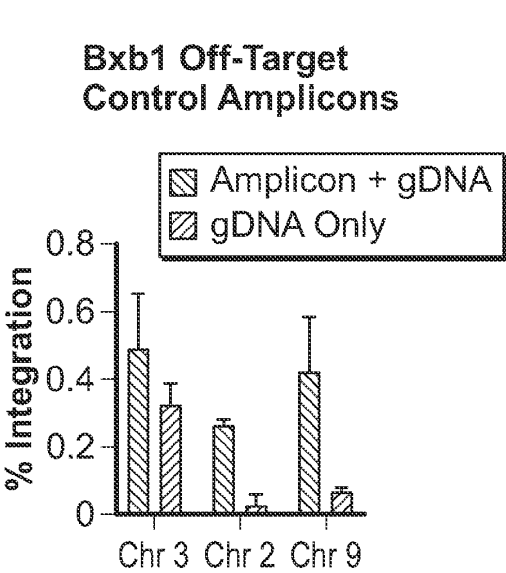


FIG. 40B

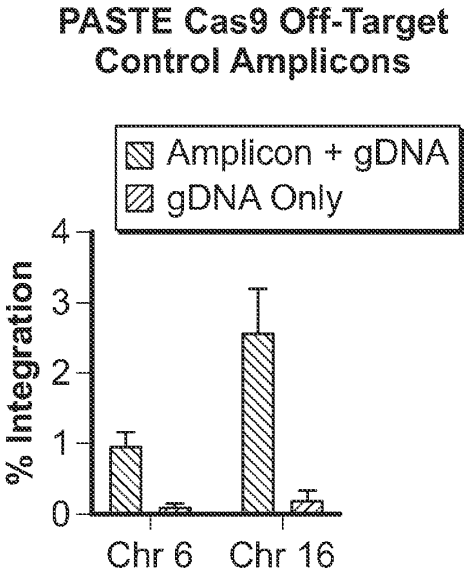


FIG. 40C

84/112

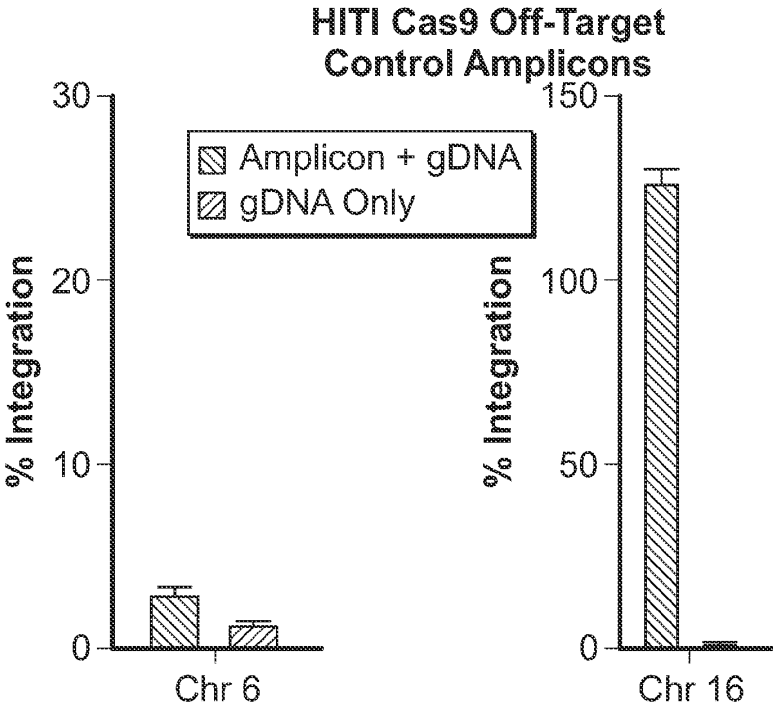


FIG. 40D

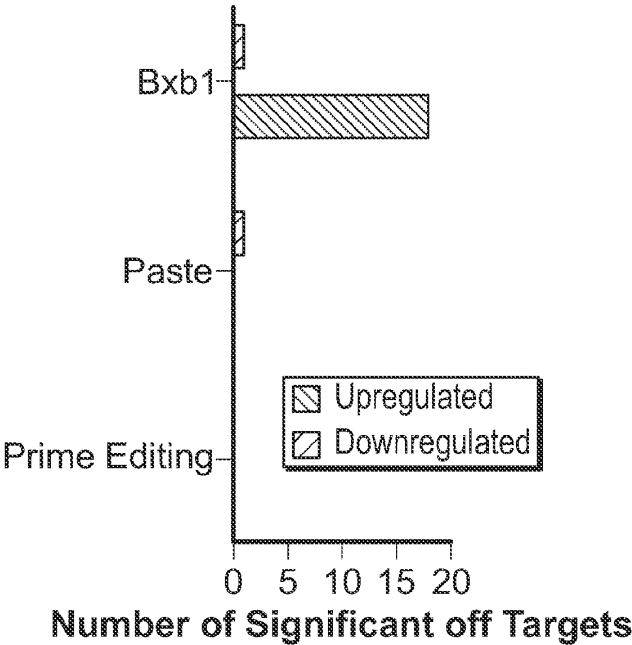


FIG. 41A

85/112

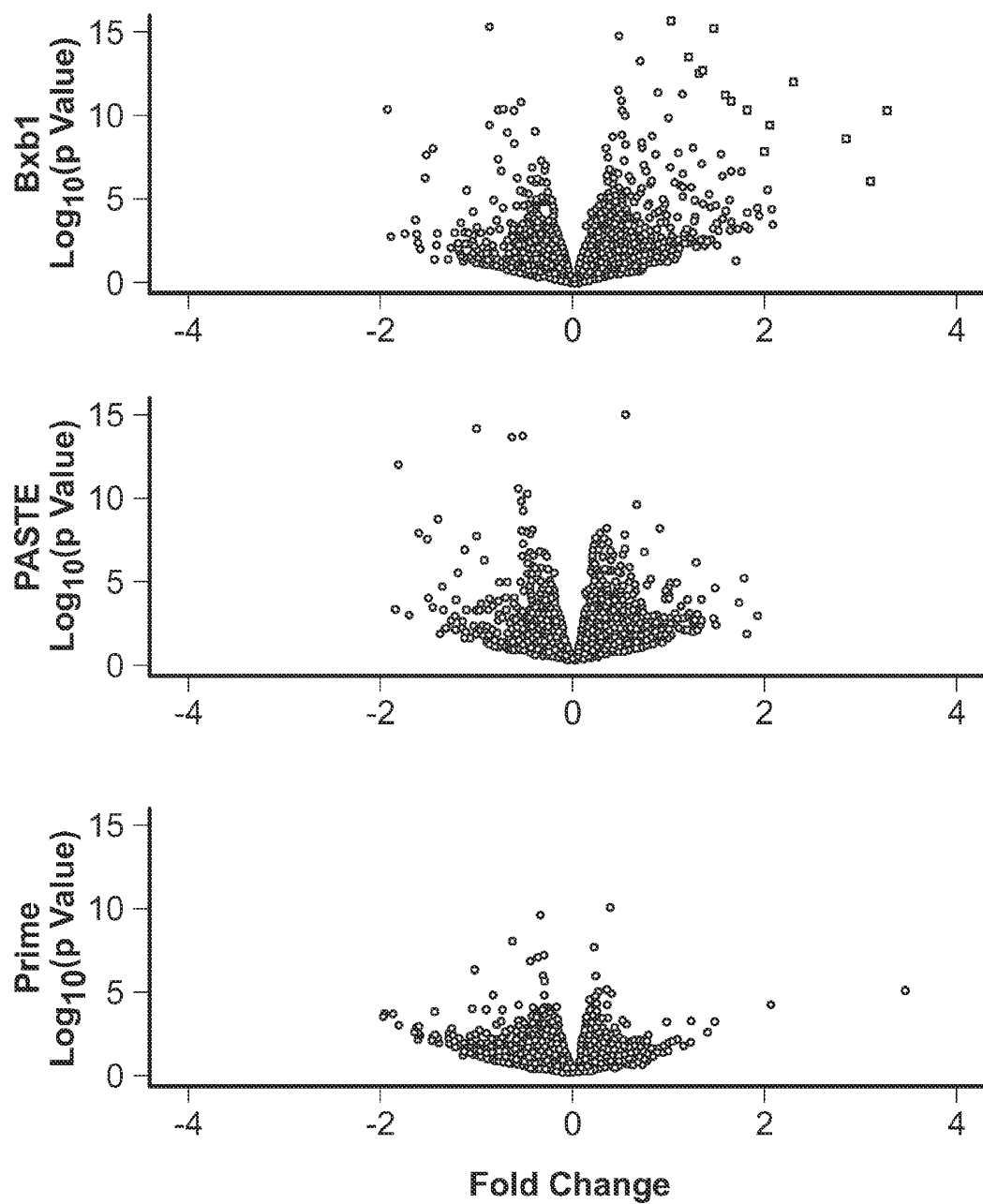
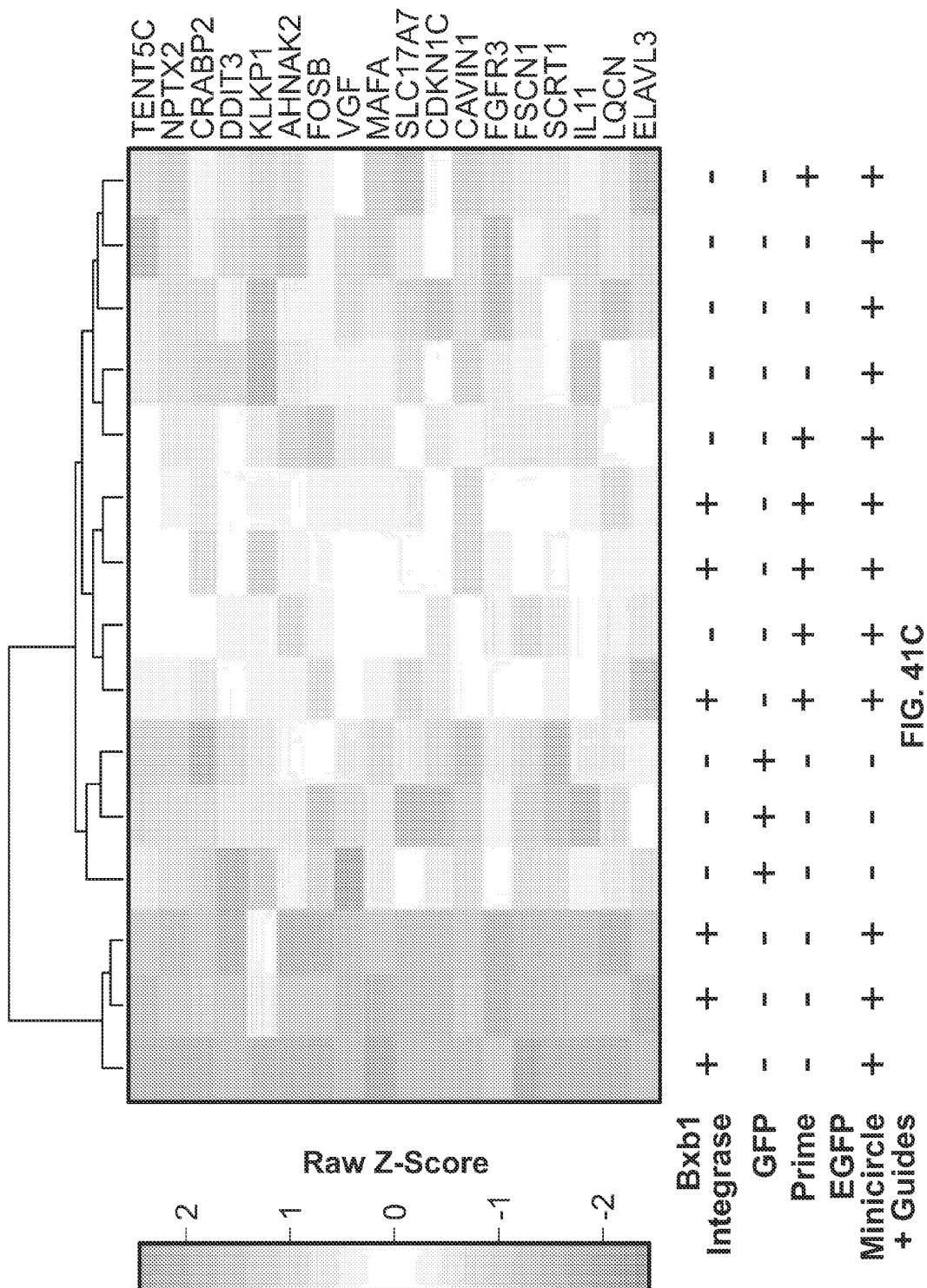


FIG. 41B

86/112



SUBSTITUTE SHEET (RULE 26)

87/112

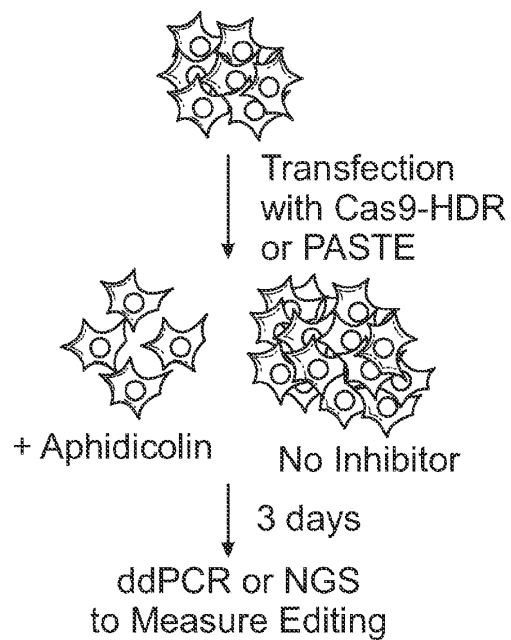


FIG. 42A

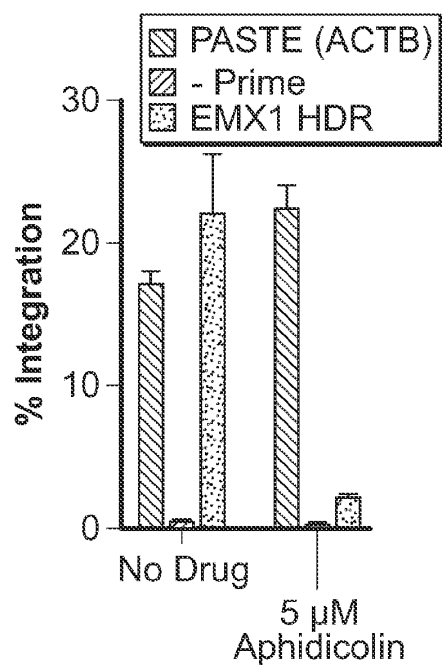


FIG. 42B

88/112

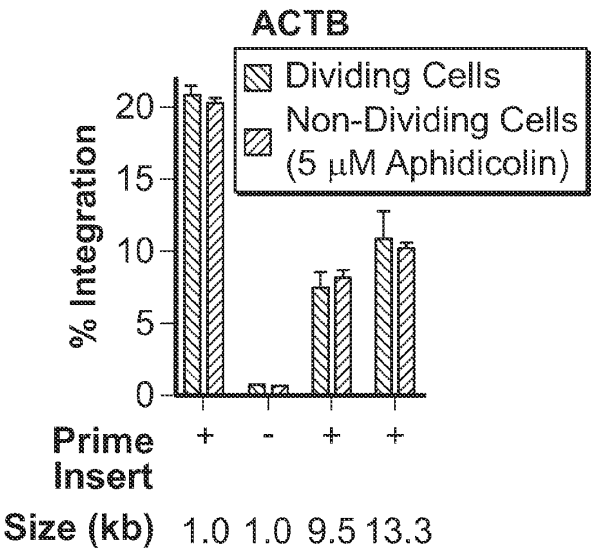


FIG. 42C

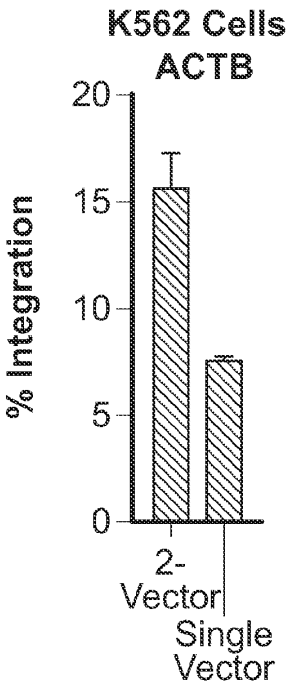


FIG. 42D

89/112

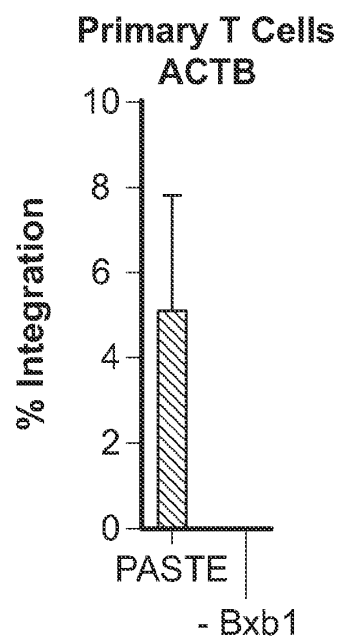


FIG. 42E

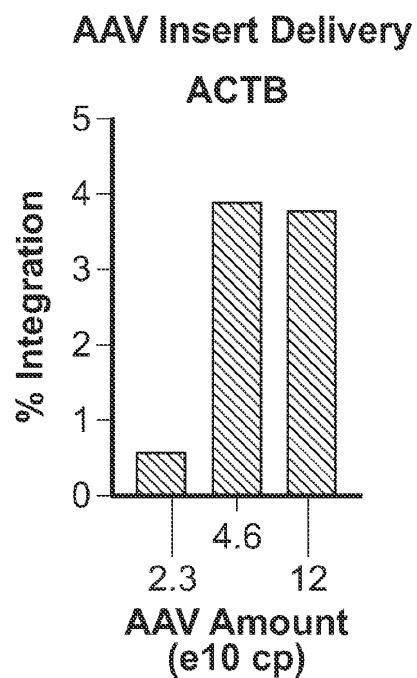


FIG. 42F

90/112

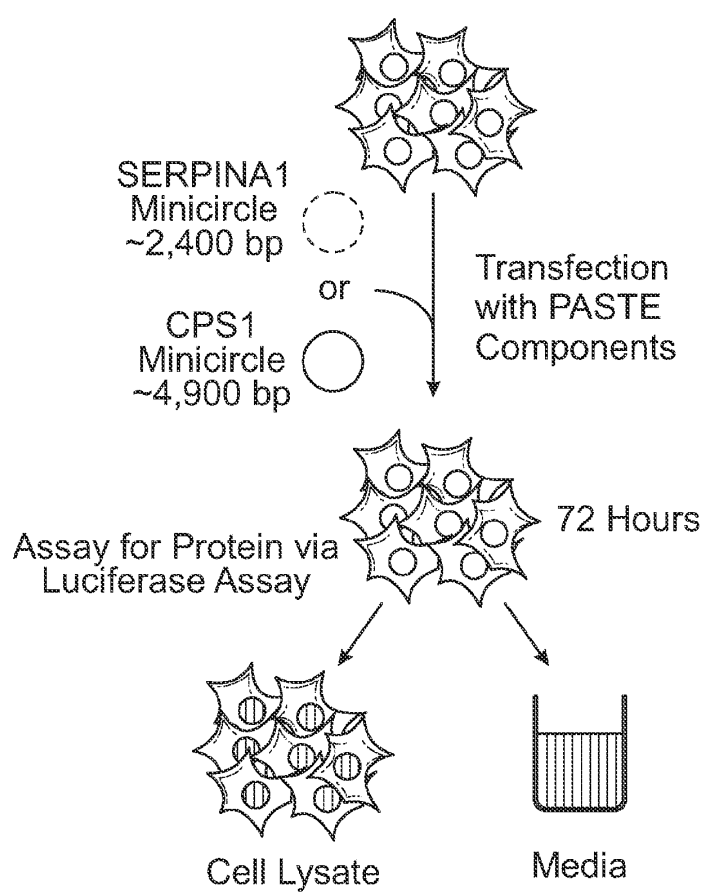


FIG. 42G

91/112

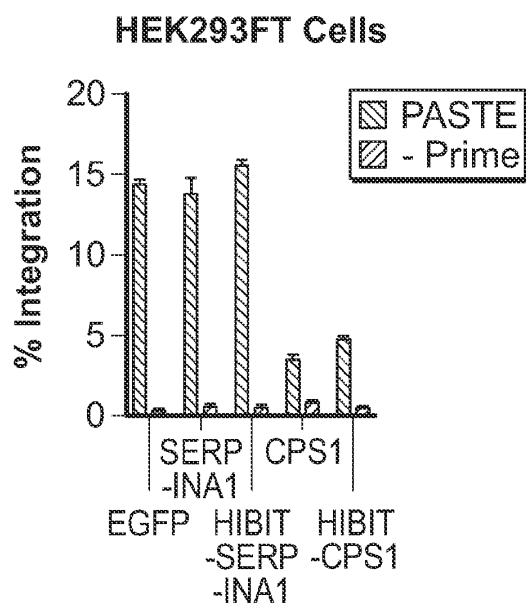


FIG. 42H

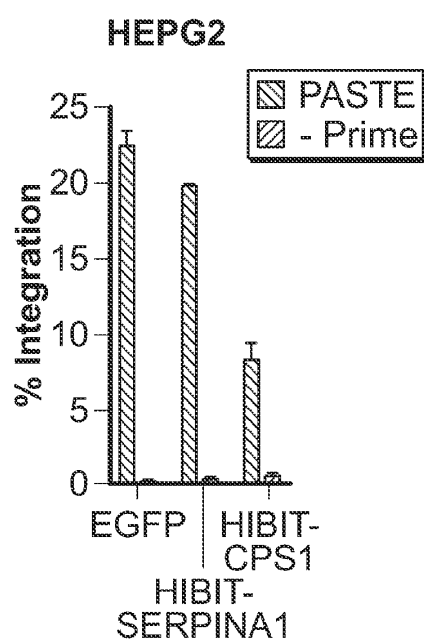


FIG. 42I

92/112

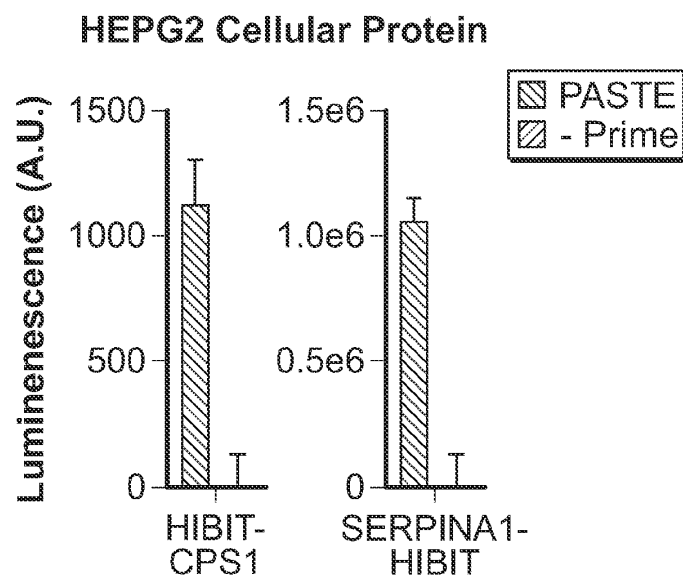


FIG. 42J

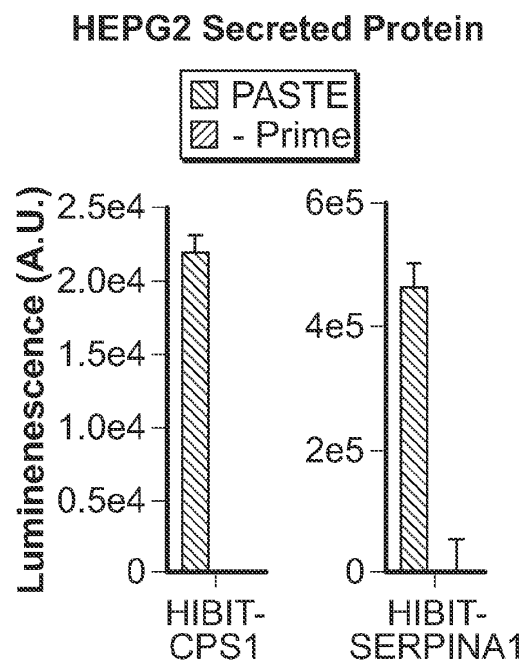


FIG. 42K

93/112

EMX1 Targeting by Cas9

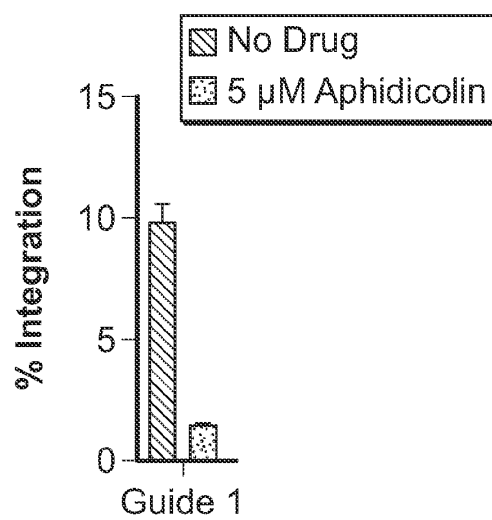


FIG. 43A

94/112

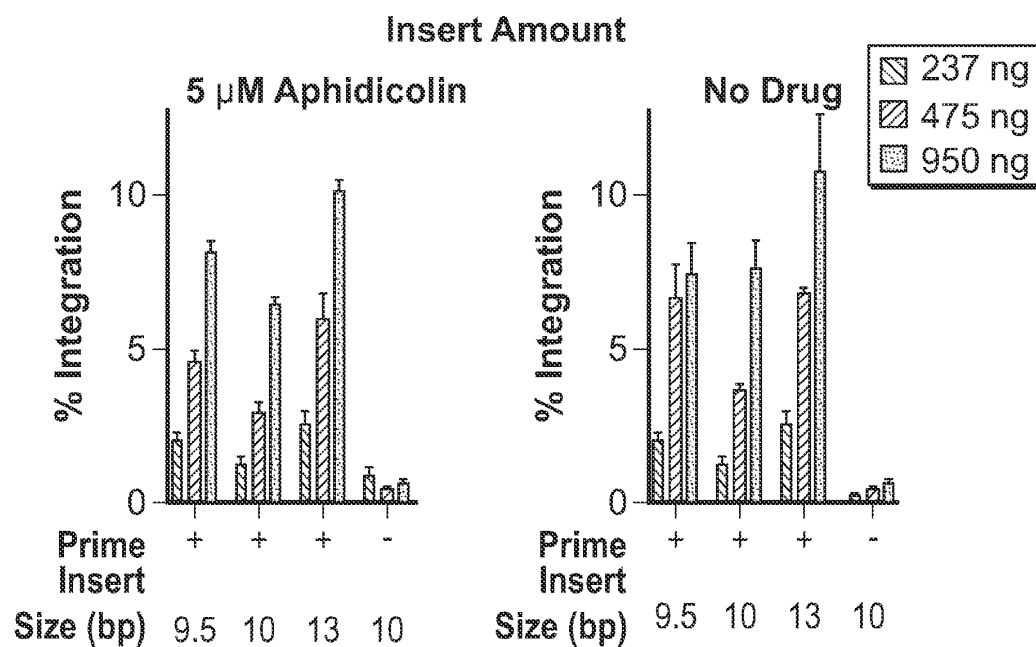


FIG. 43B

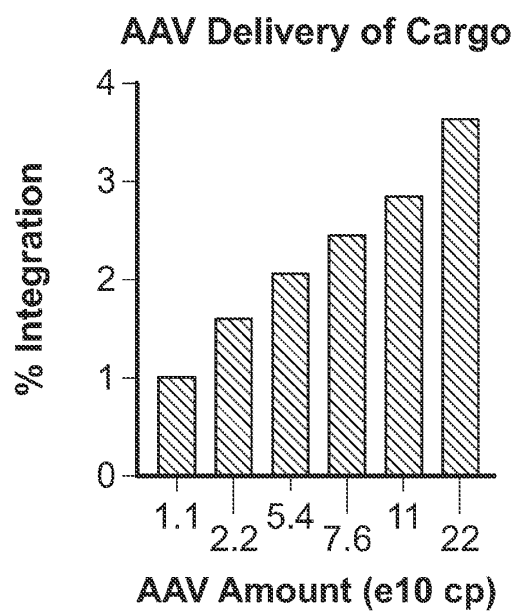


FIG. 43C

95/112

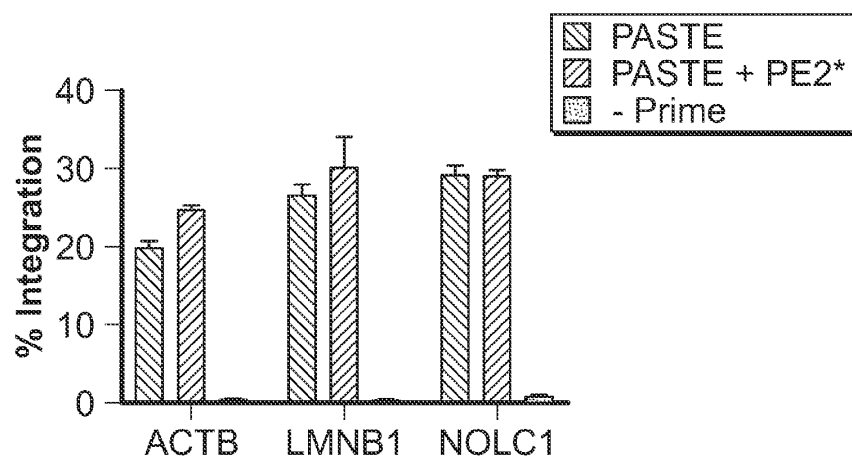


FIG. 44A

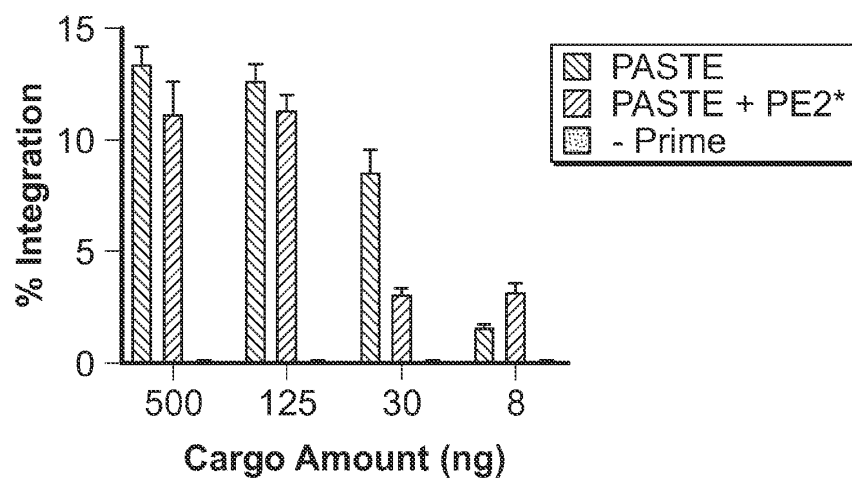


FIG. 44B

96/112

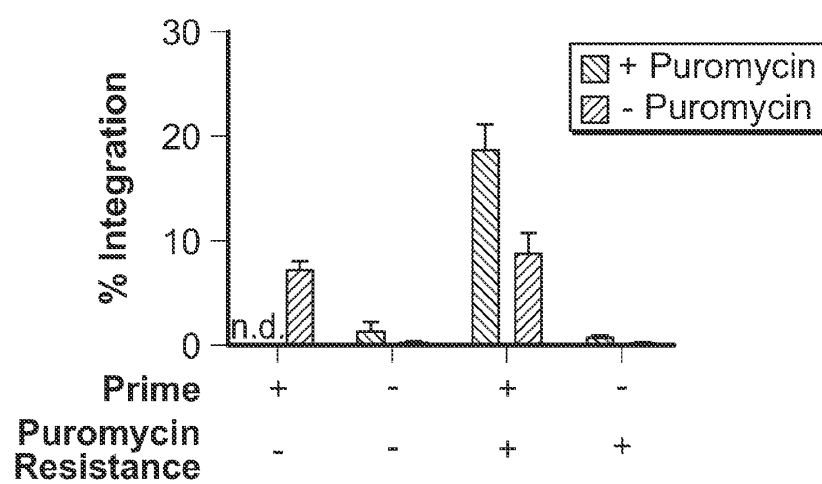


FIG. 45

97/112

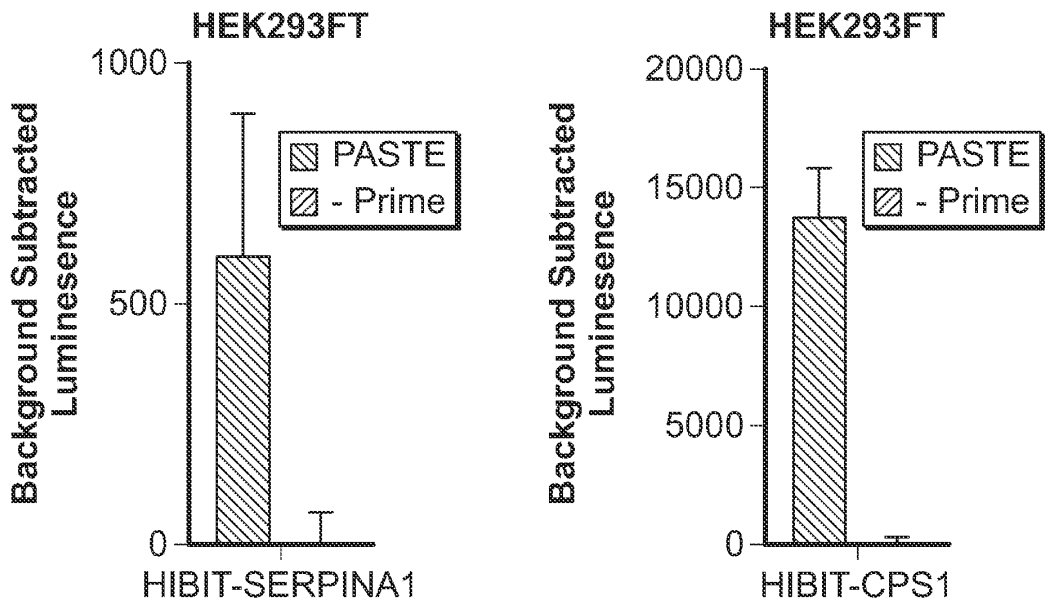


FIG. 46A

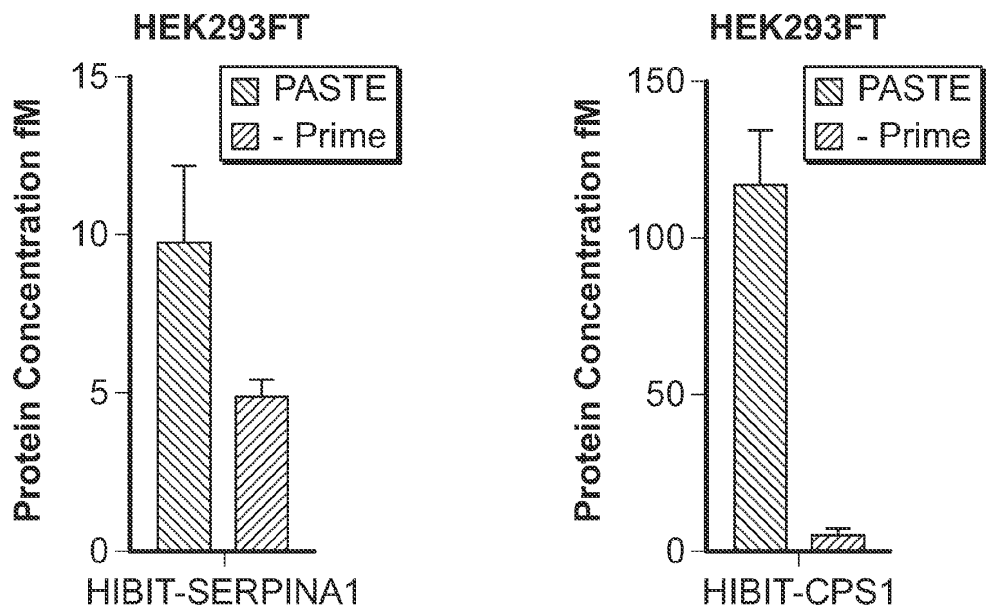


FIG. 46B

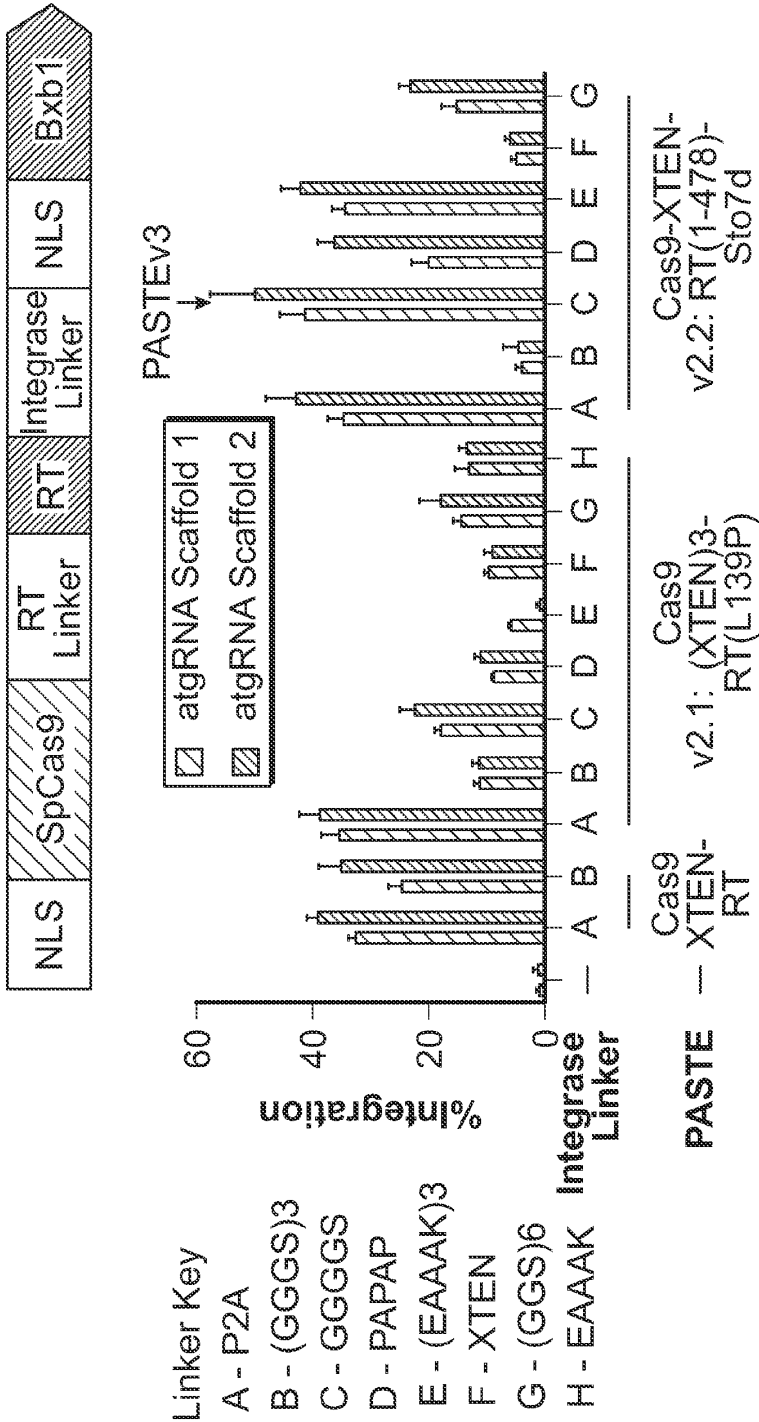


FIG. 47A

99/112

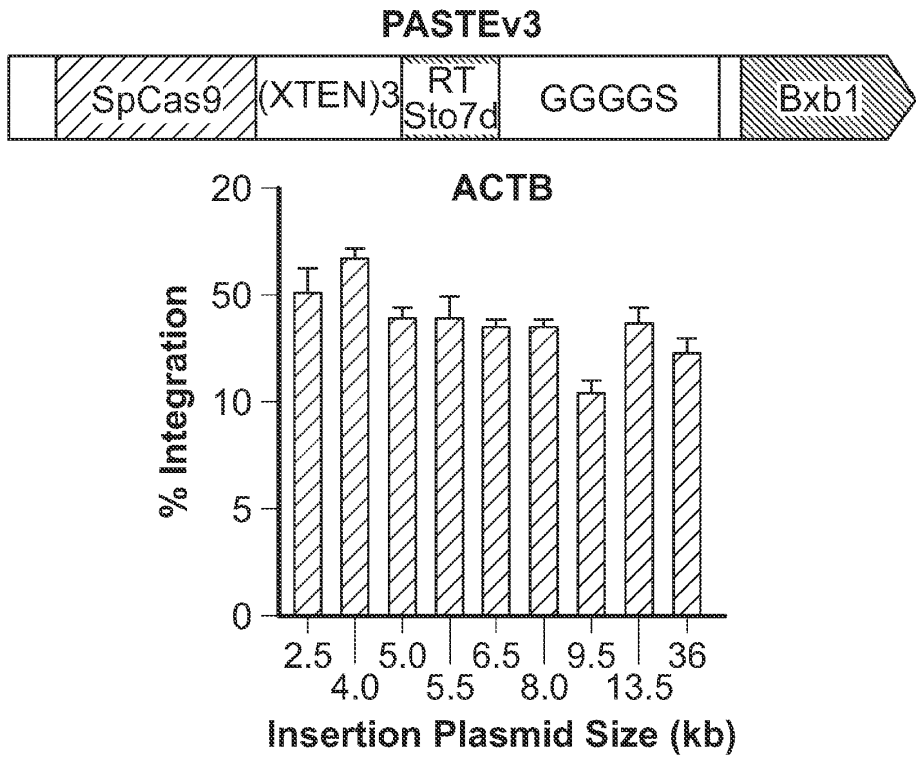
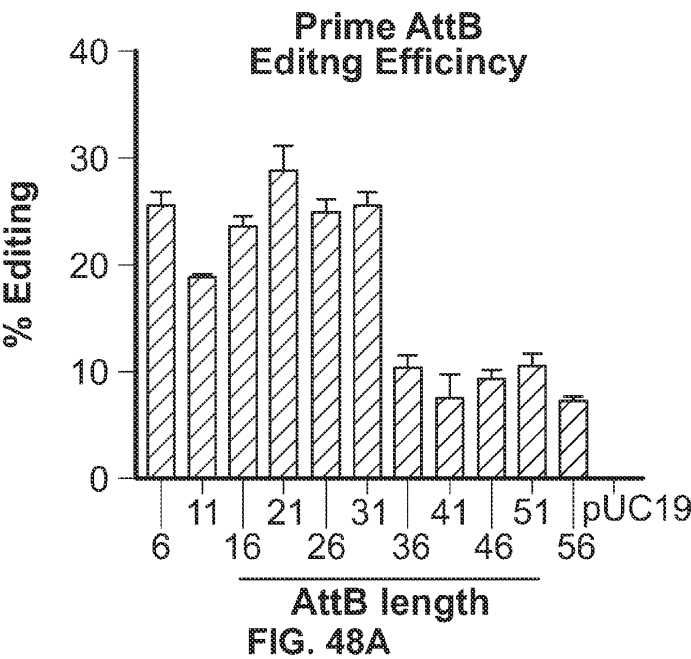
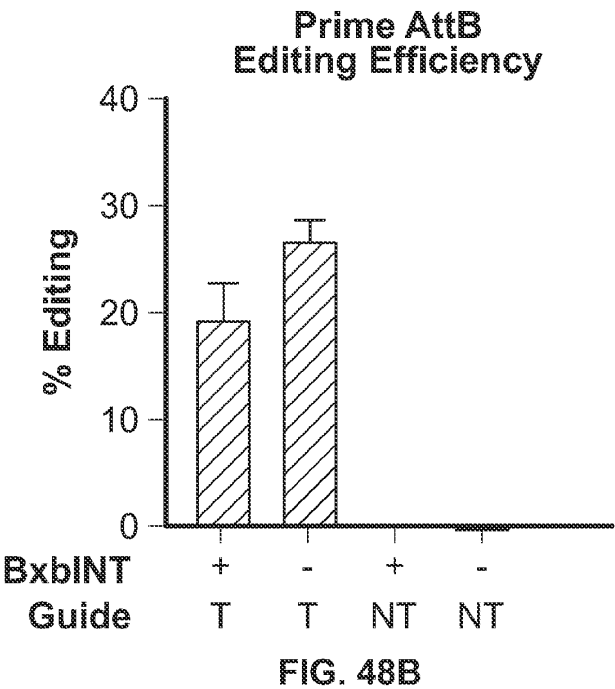


FIG. 47B

100/112



101/112

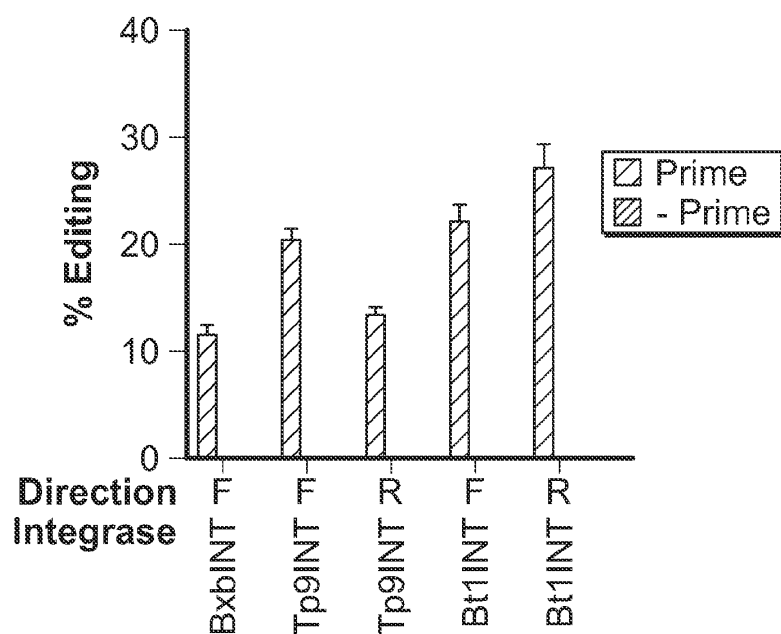


FIG. 48C

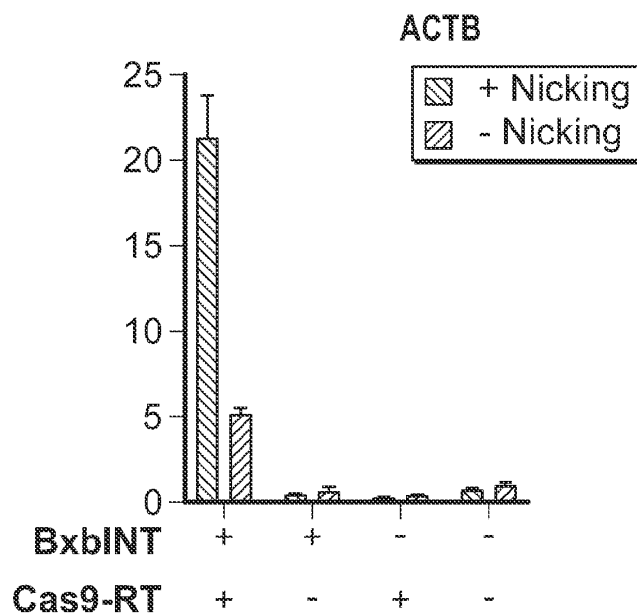


FIG. 48D

102/112

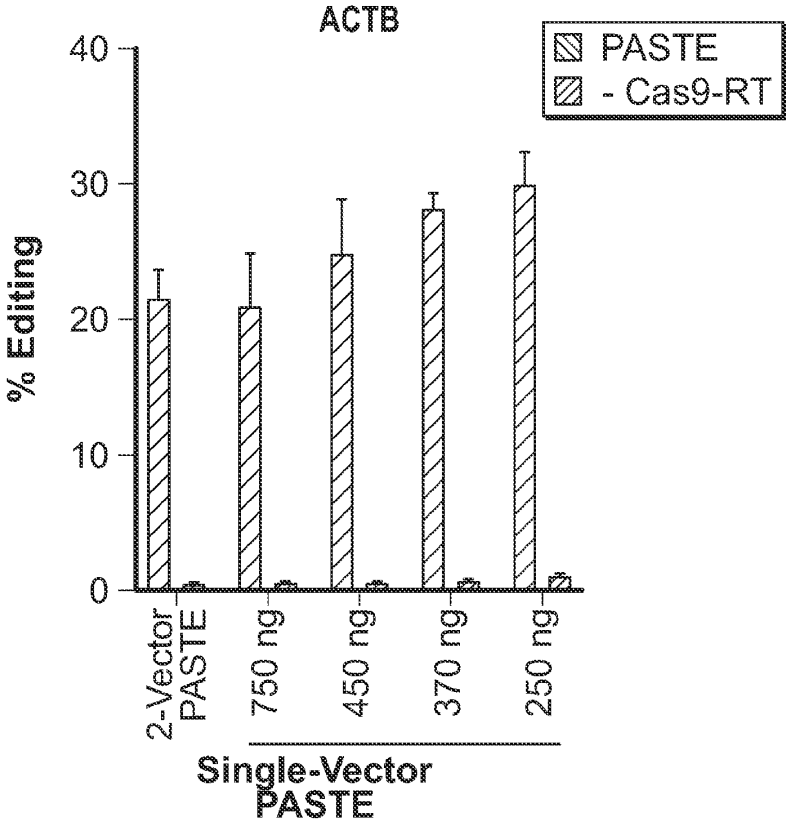


FIG. 49A

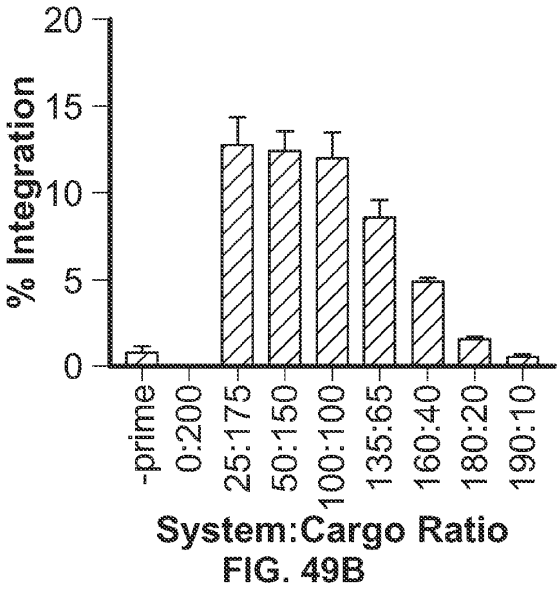


FIG. 49B

103/112

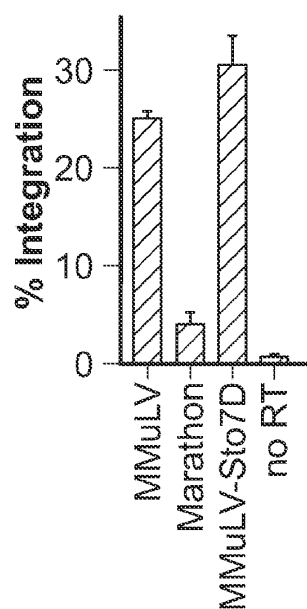


FIG. 49C

104/112

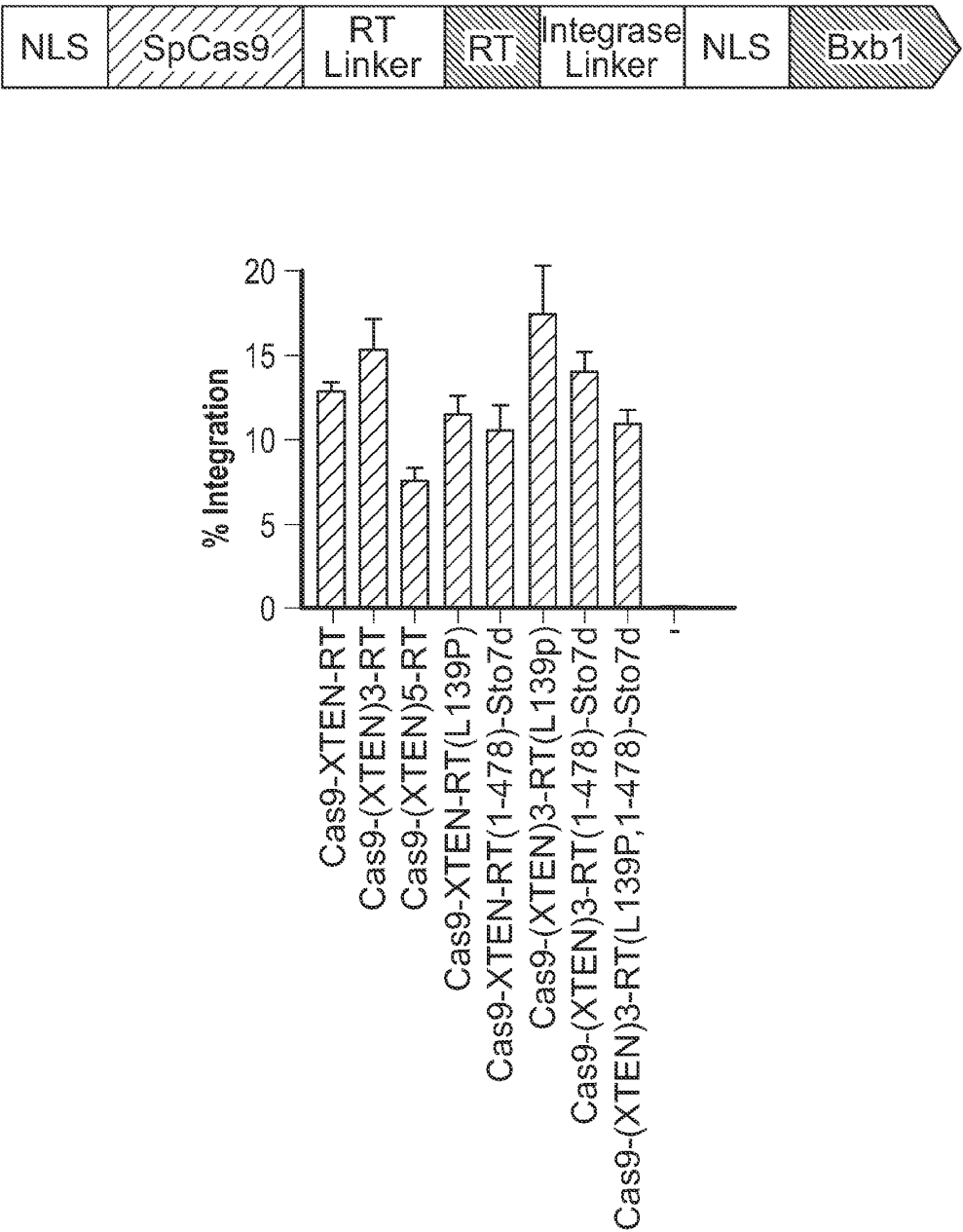


FIG. 49D

105/112

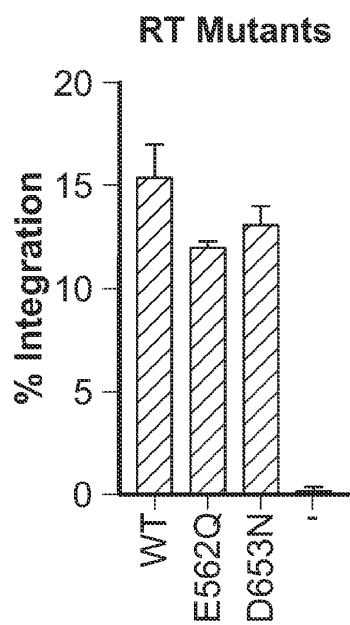


FIG. 49E

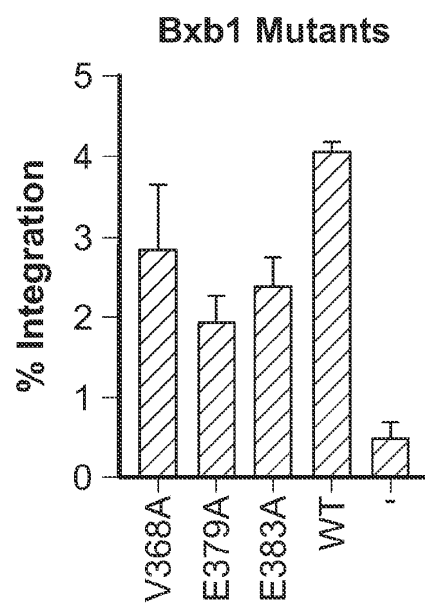


FIG. 49F

106/112

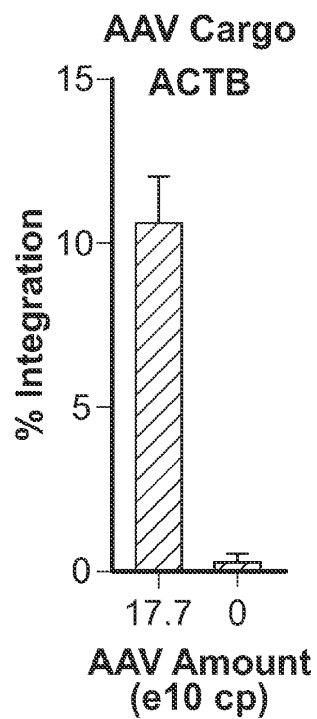


FIG. 50A

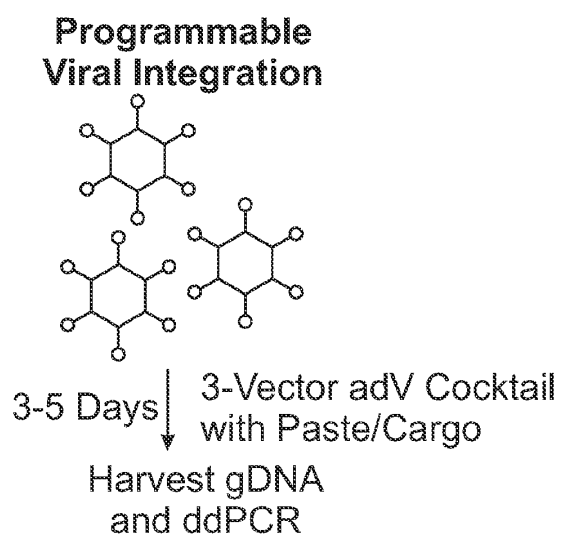


FIG. 50B

107/112

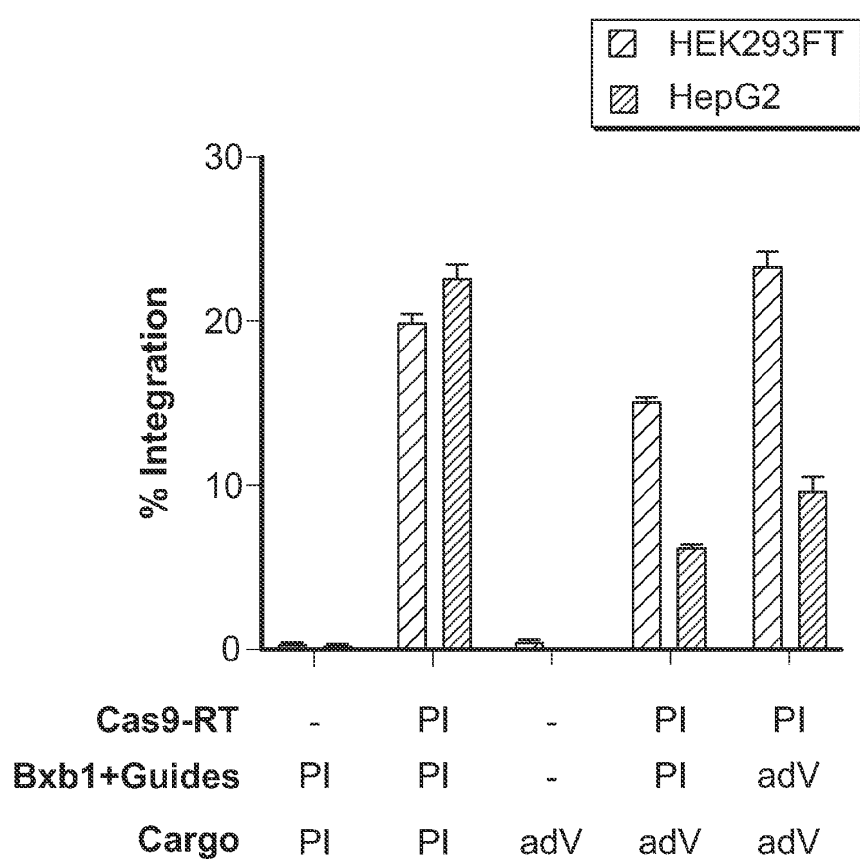


FIG. 50C

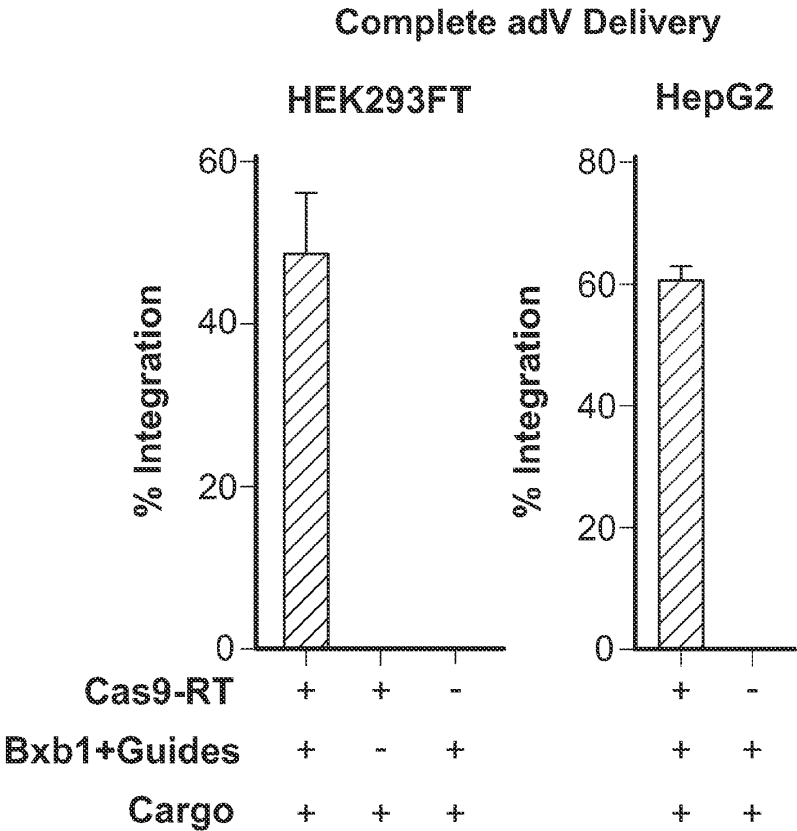


FIG. 50D

109/112

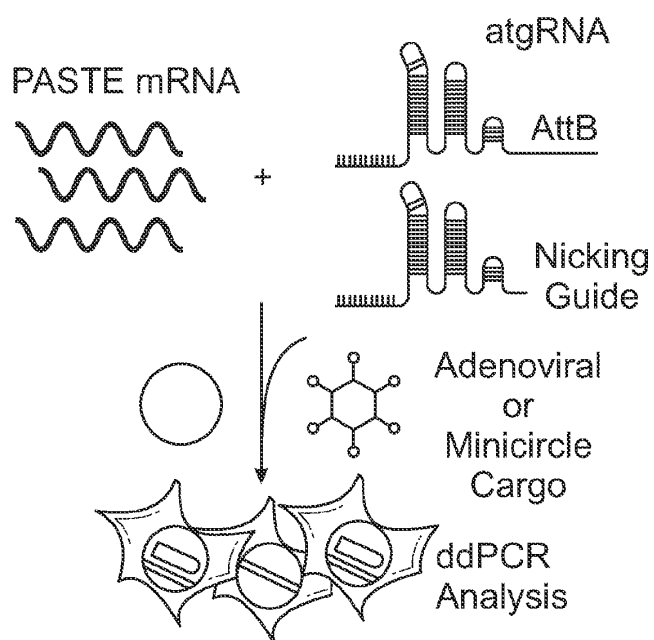


FIG. 50E

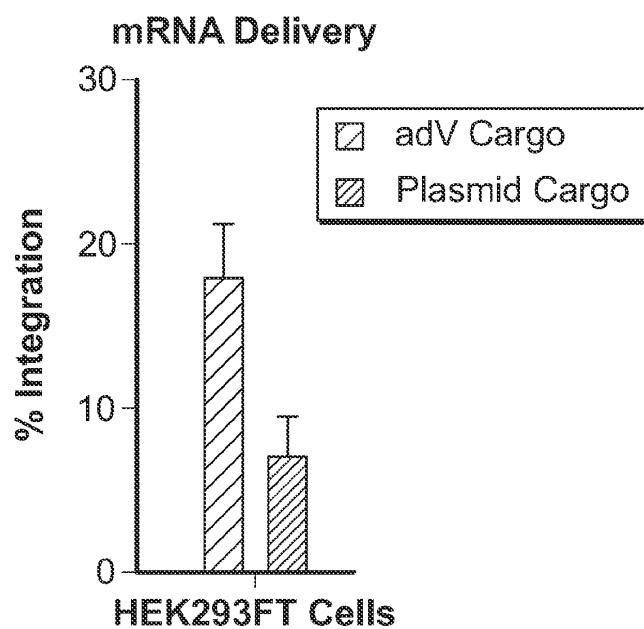


FIG. 50F

110/112

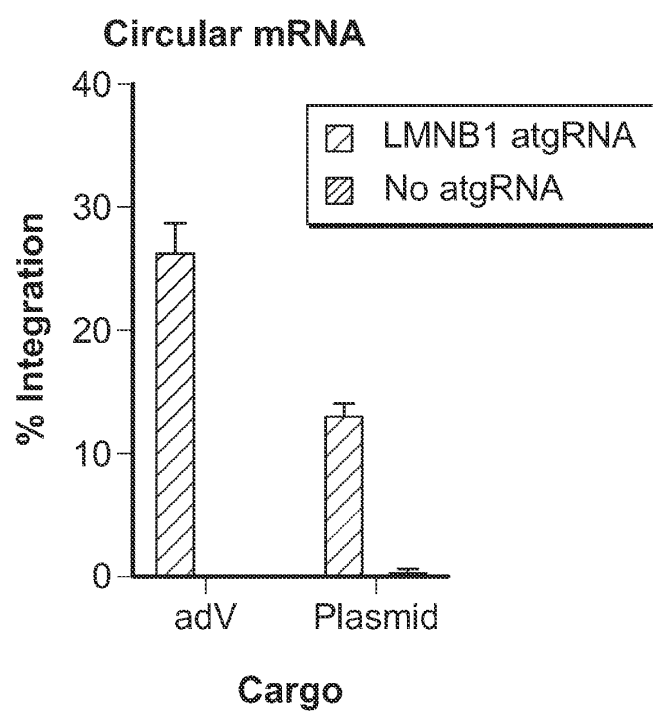


FIG. 50G

111/112

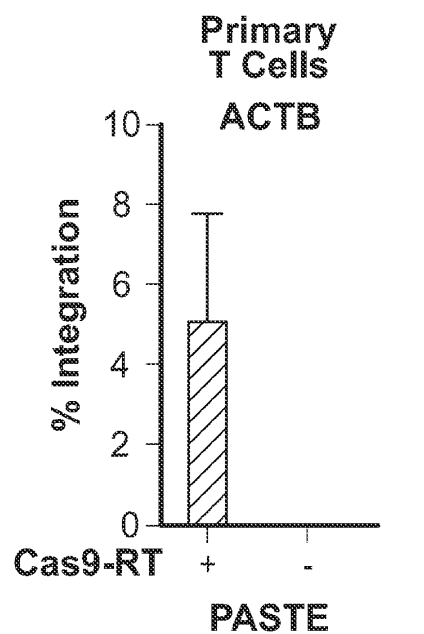


FIG. 50H

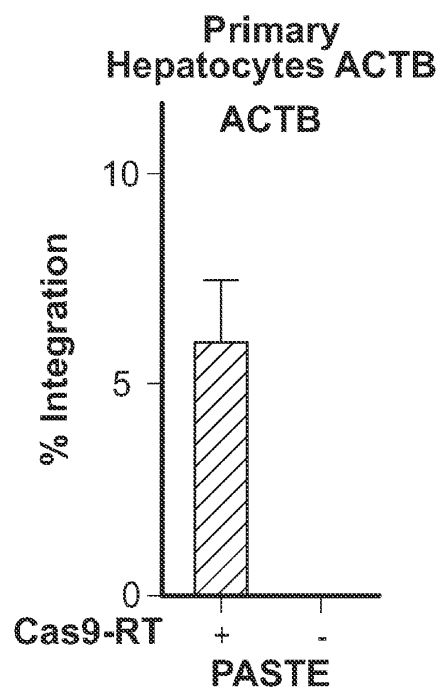


FIG. 50I

112/112

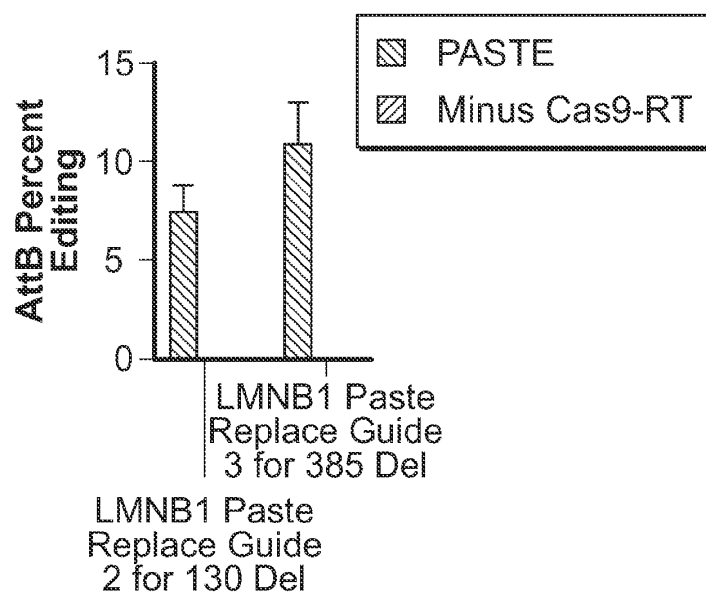


FIG. 51A

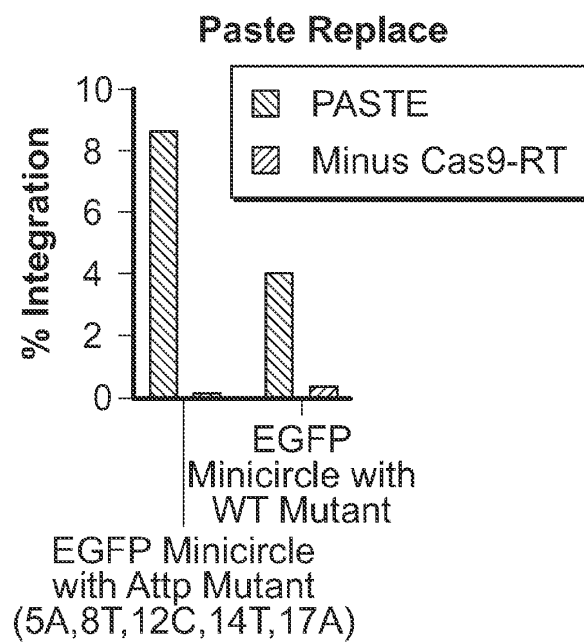


FIG. 51B