

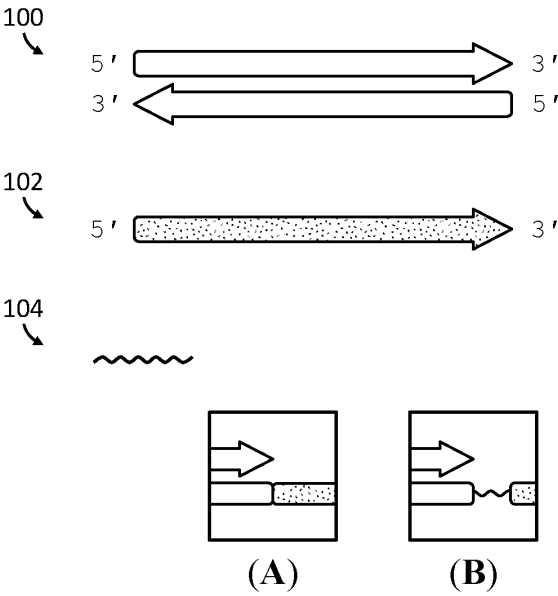


FIG. 1A

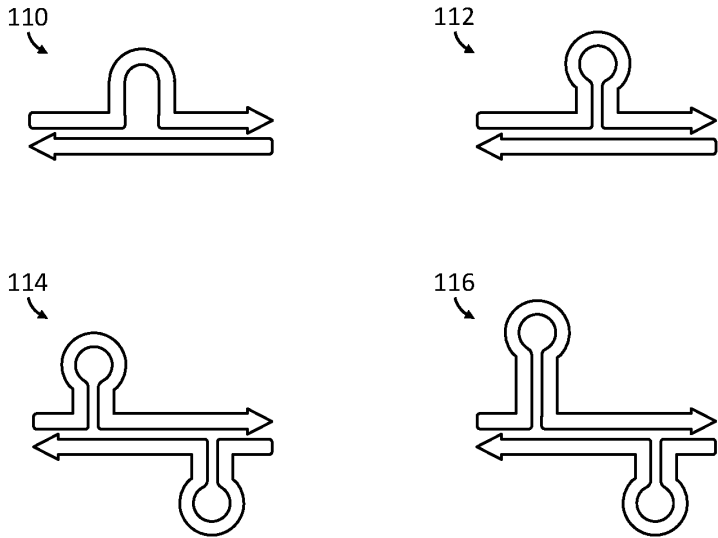


FIG. 1B

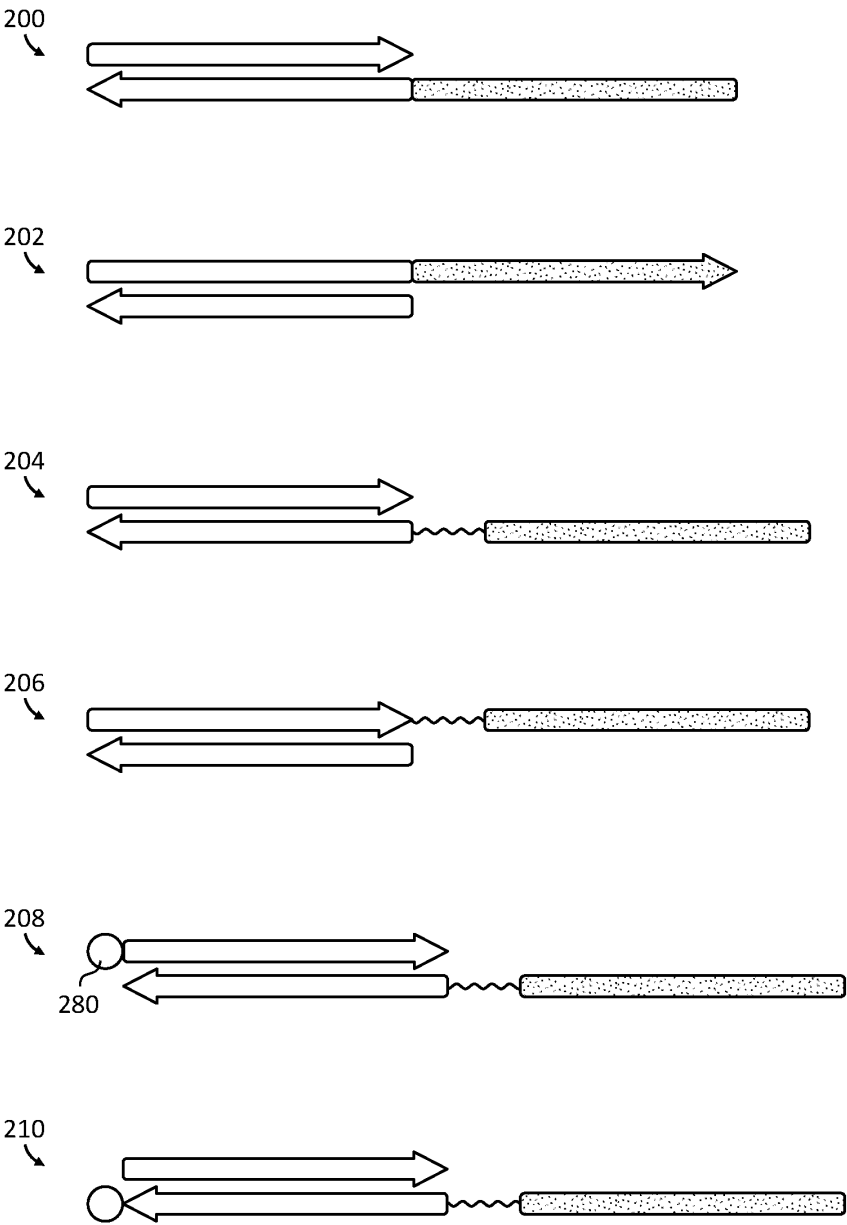


FIG. 2A

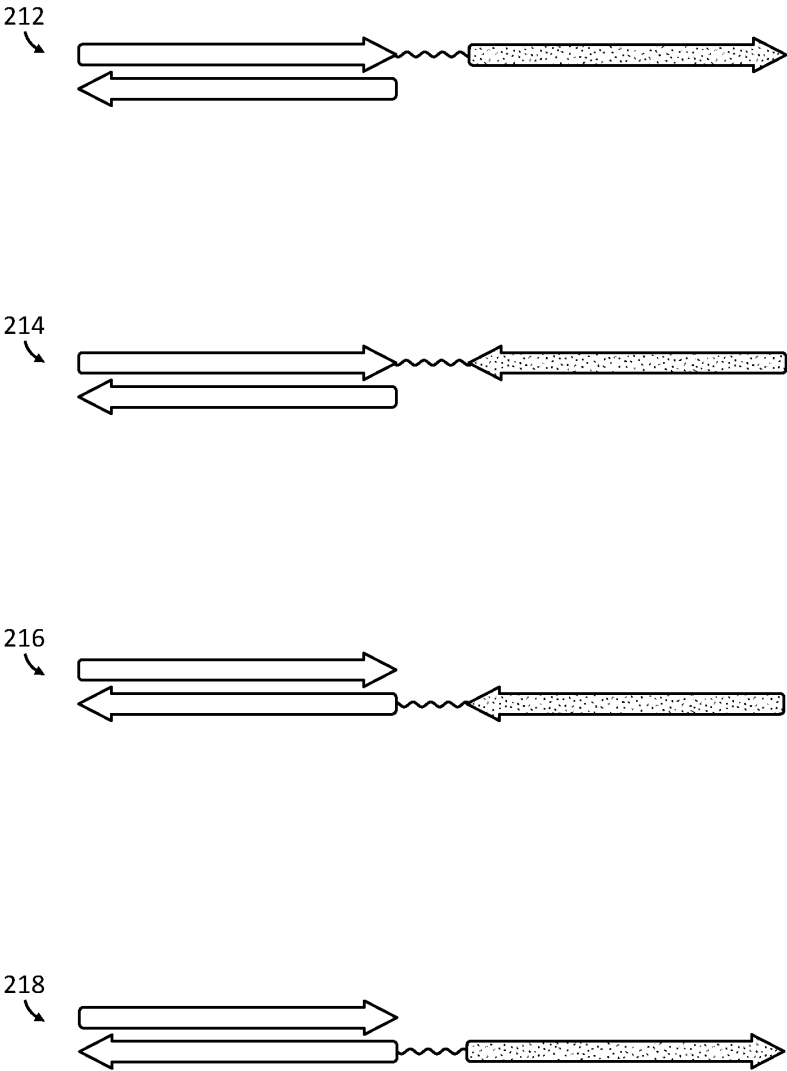


FIG. 2B

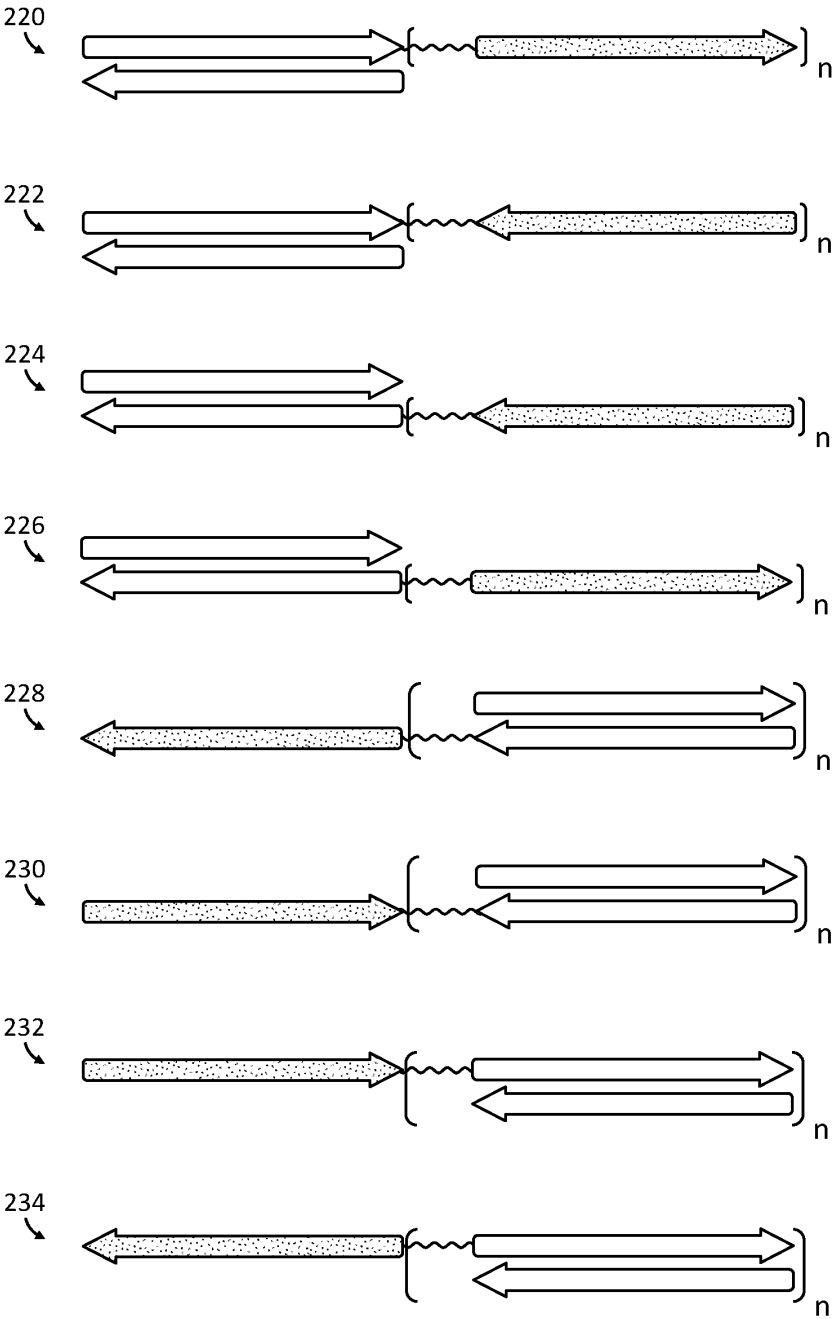


FIG. 2C

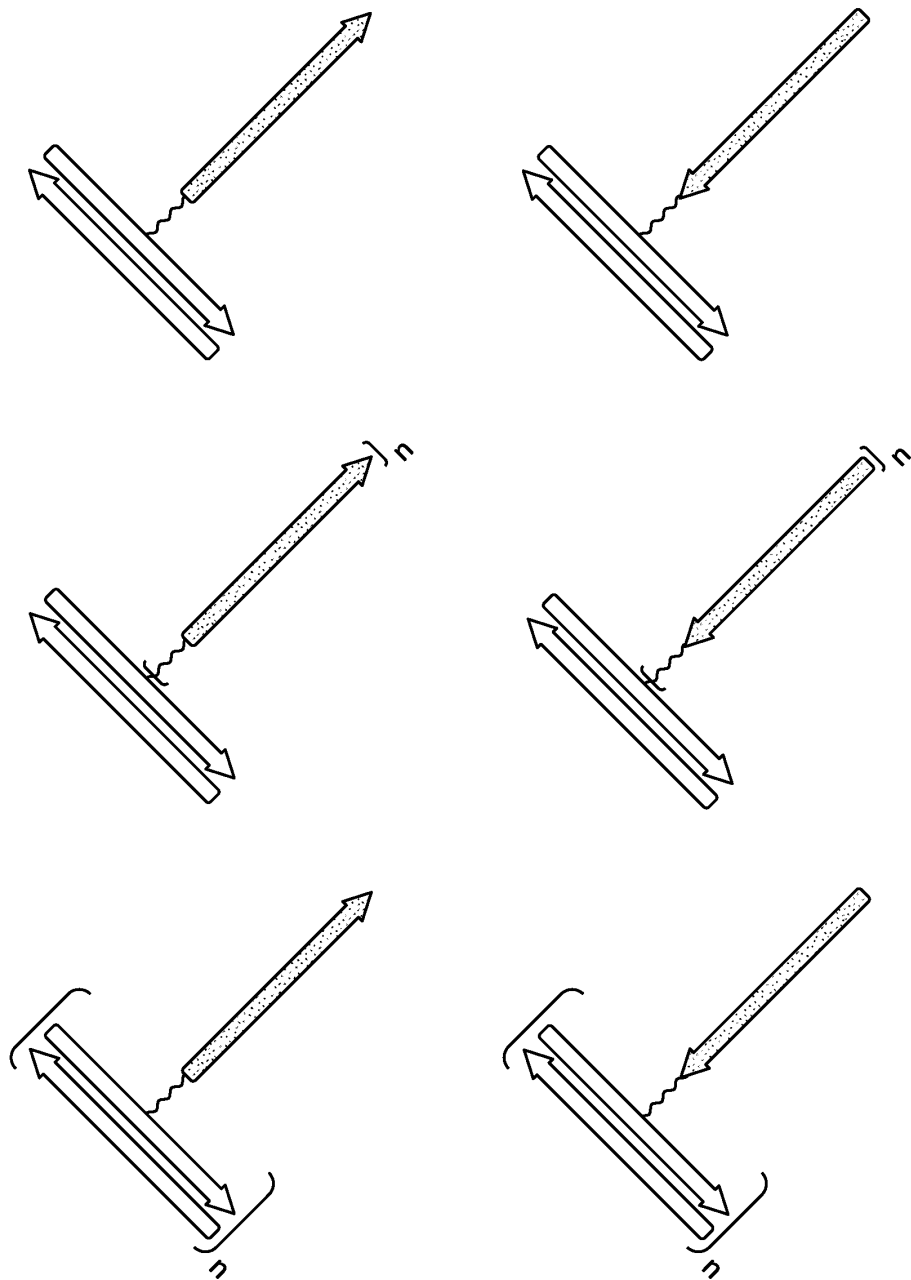


FIG. 2D

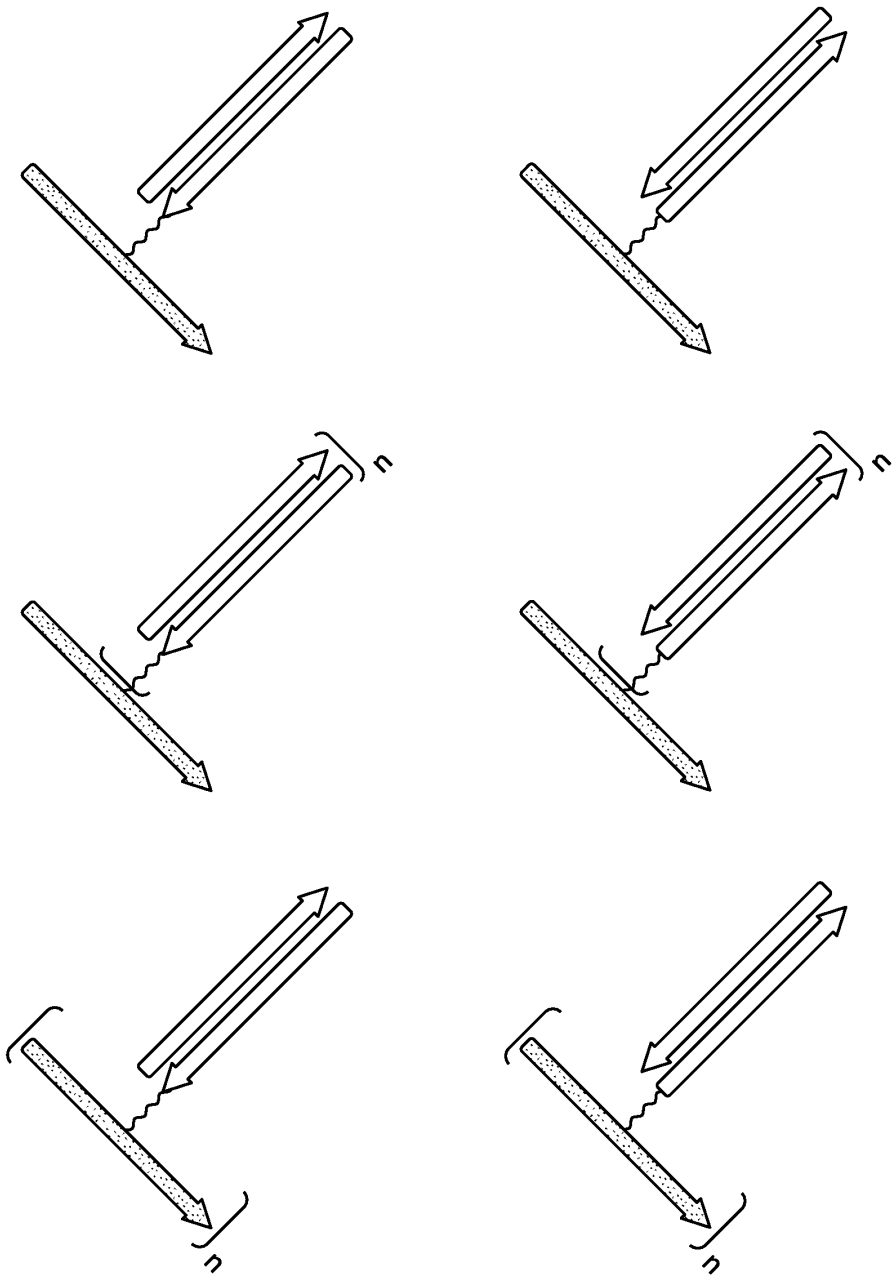


FIG. 2E

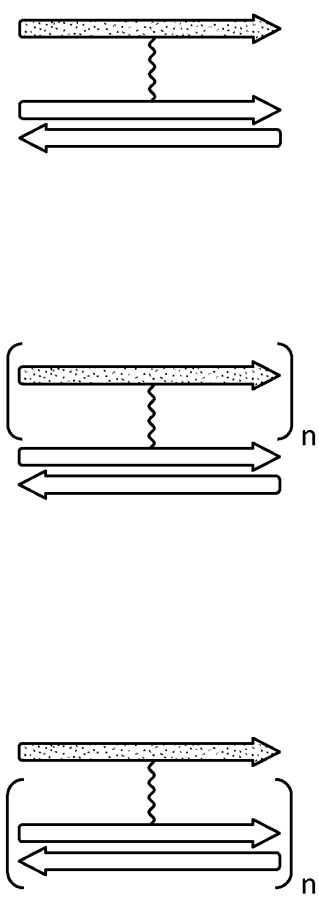


FIG. 2F

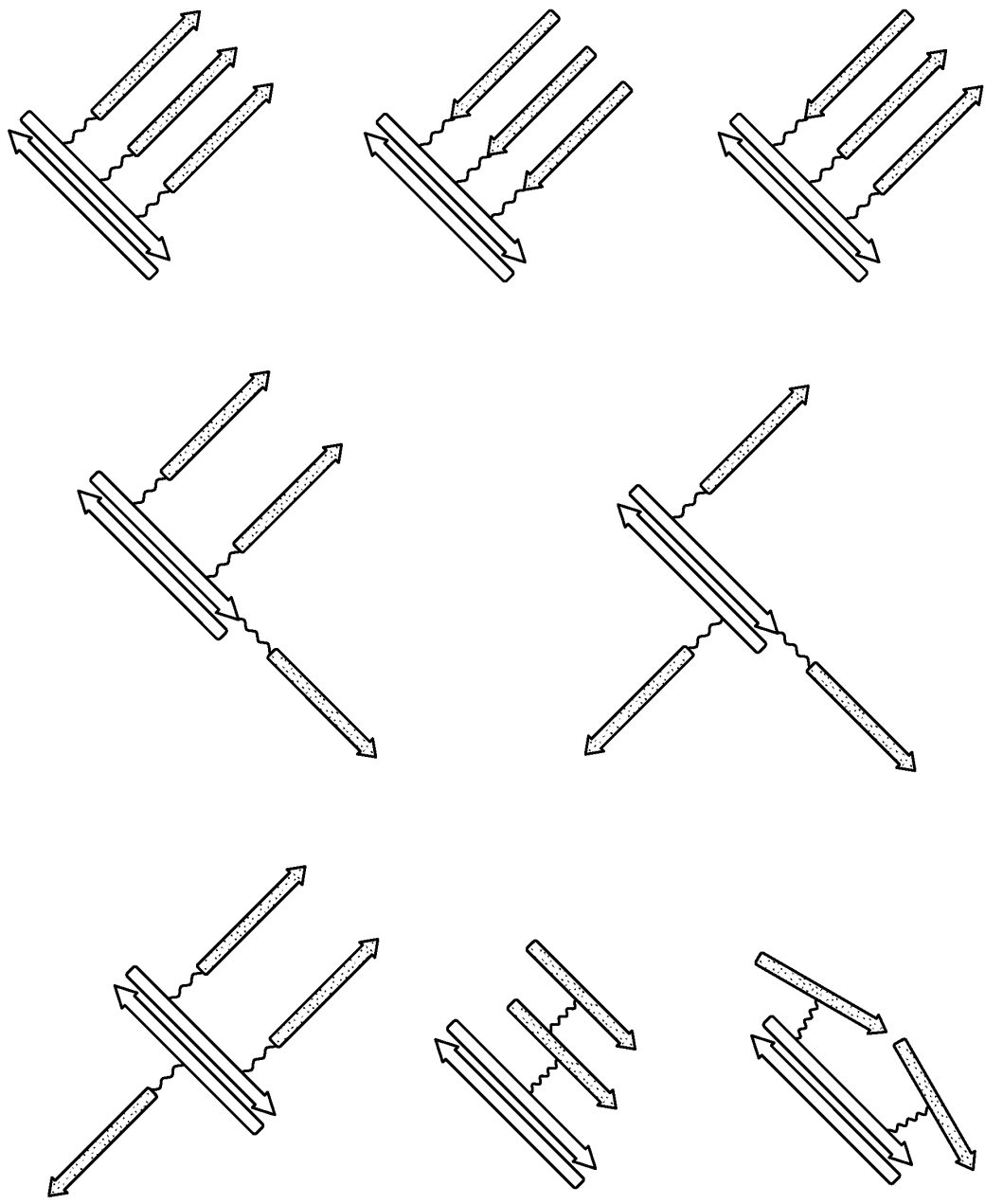


FIG. 2G

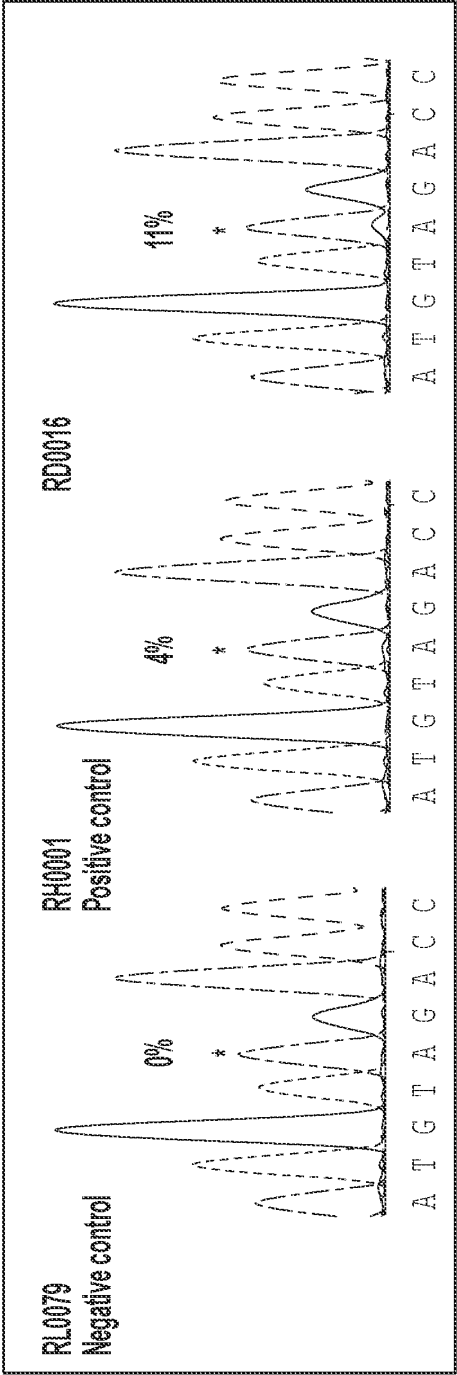


FIG. 3A

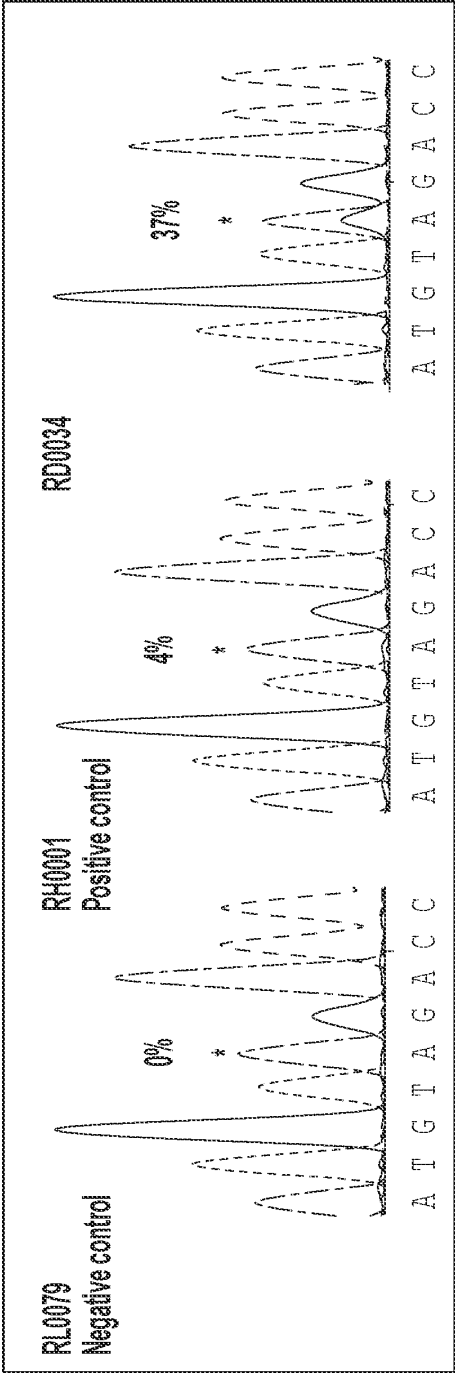
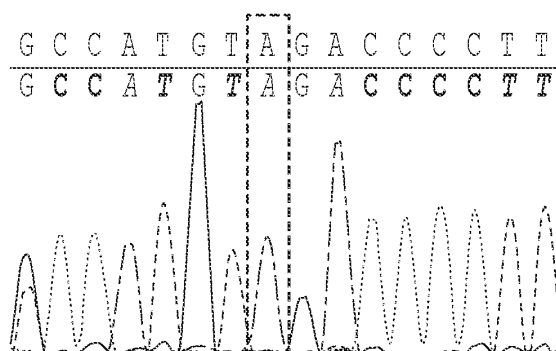
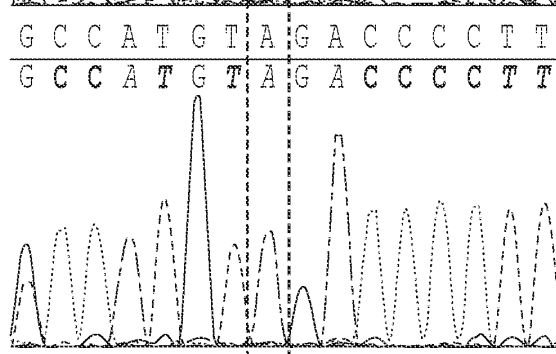
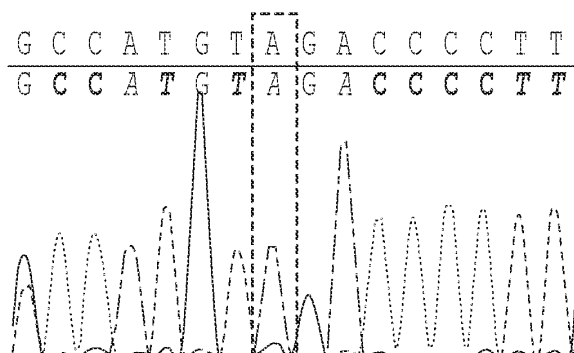
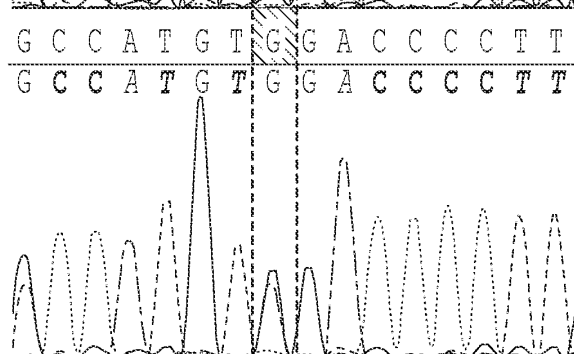


FIG. 3B

11/55

RL0079
No IFN α RL0079
1200U IFN α **FIG. 4A**RH0001
No IFN α RH001
1200U IFN α **FIG. 4B**

12/55

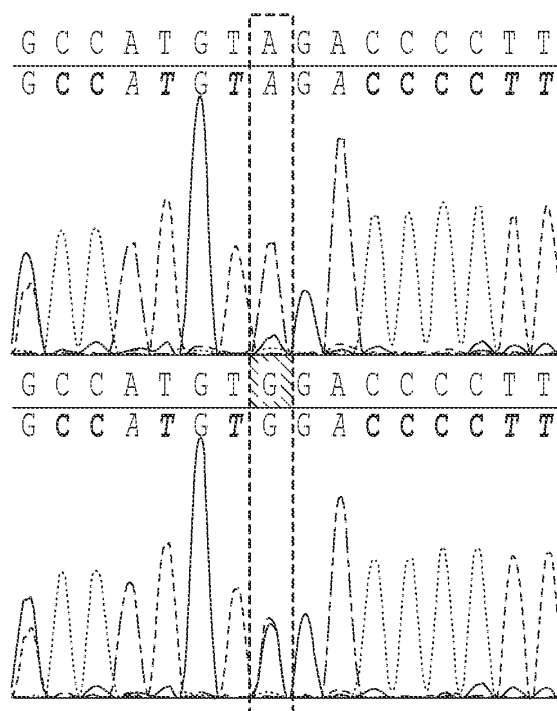
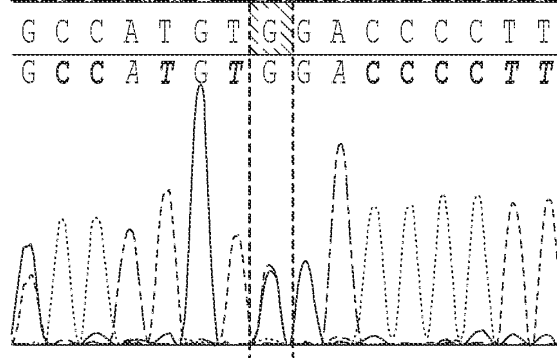
RD0016
No IFN α RD0016
1200U IFN α 

FIG. 4C

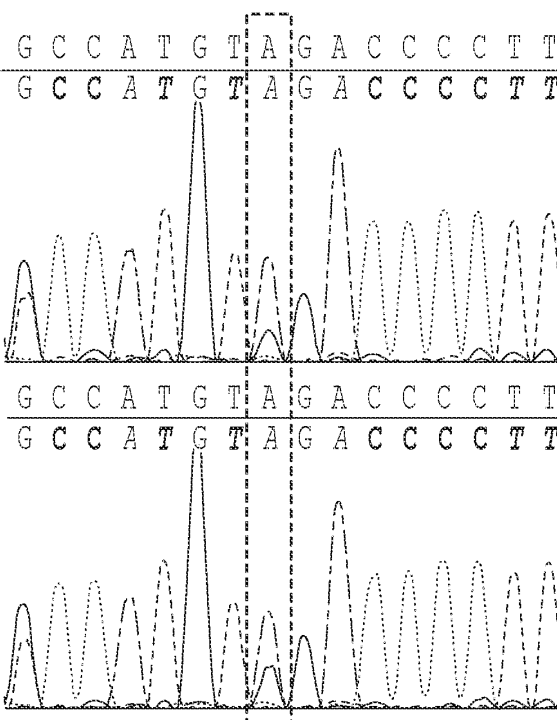
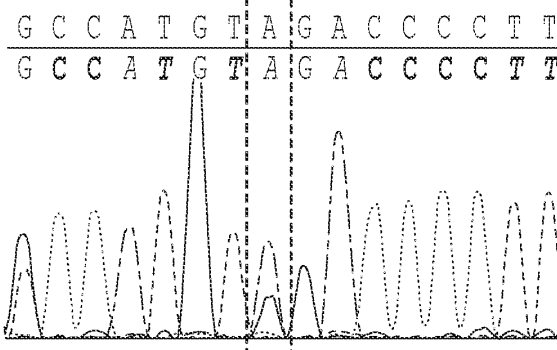
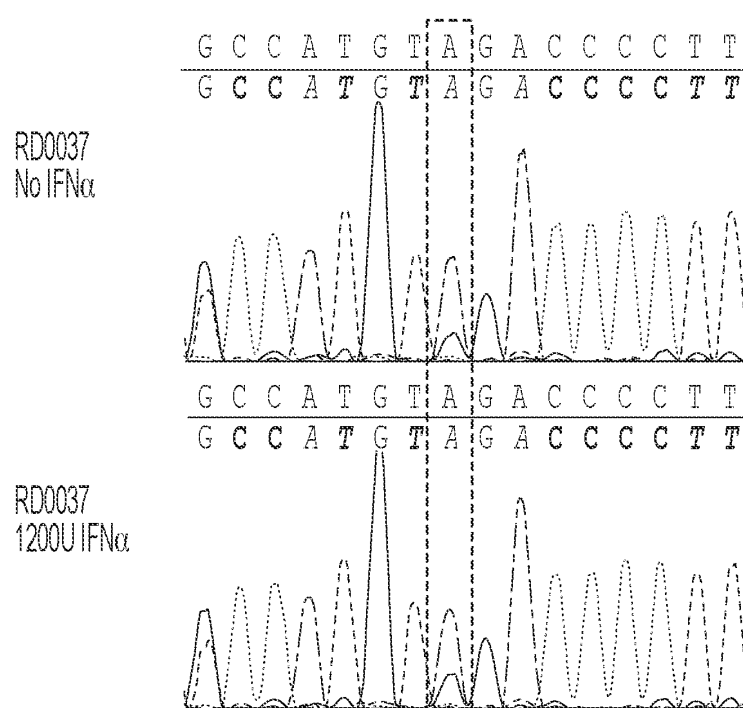
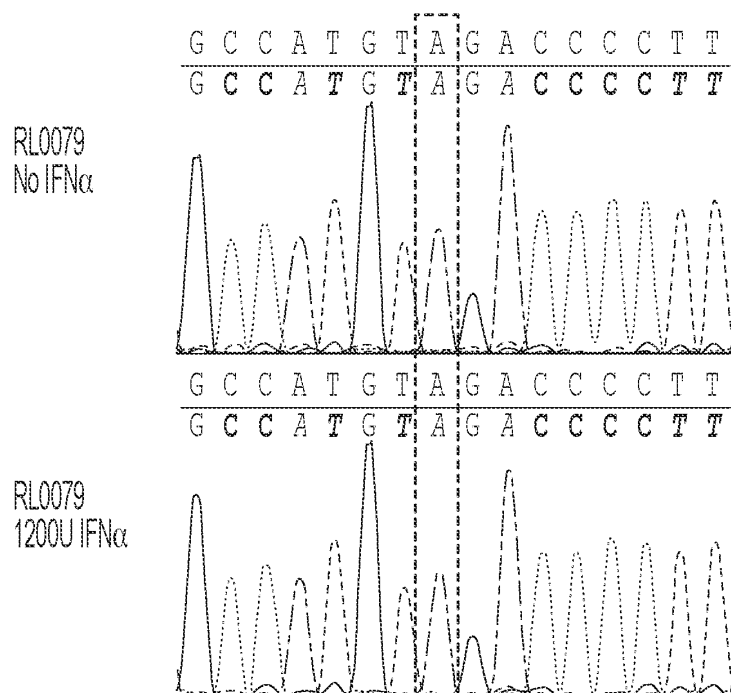
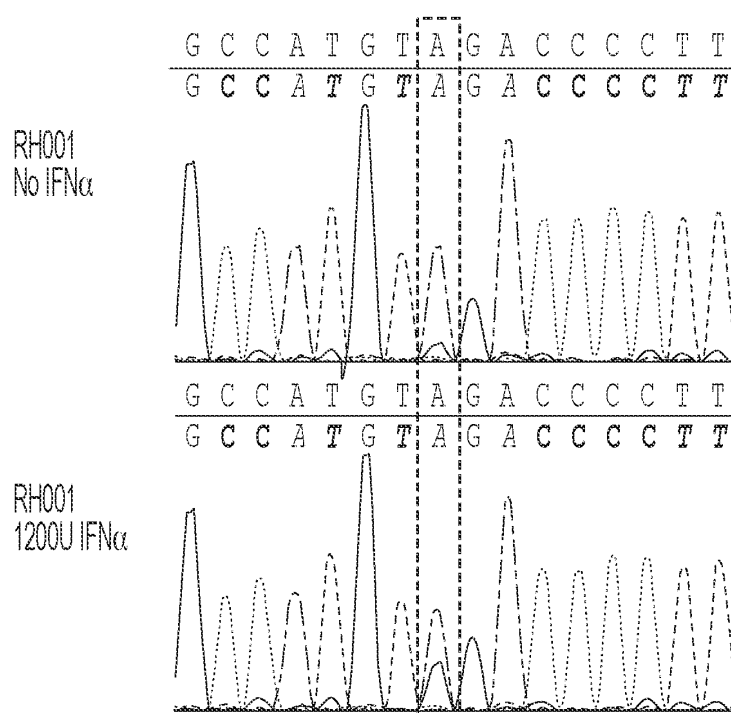
RD0034
No IFN α RD0034
1200U IFN α 

FIG. 4D

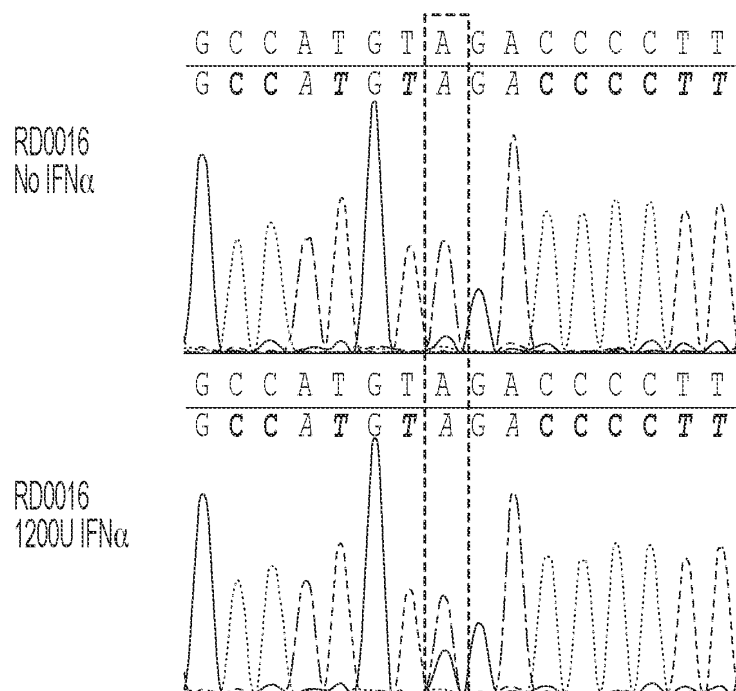
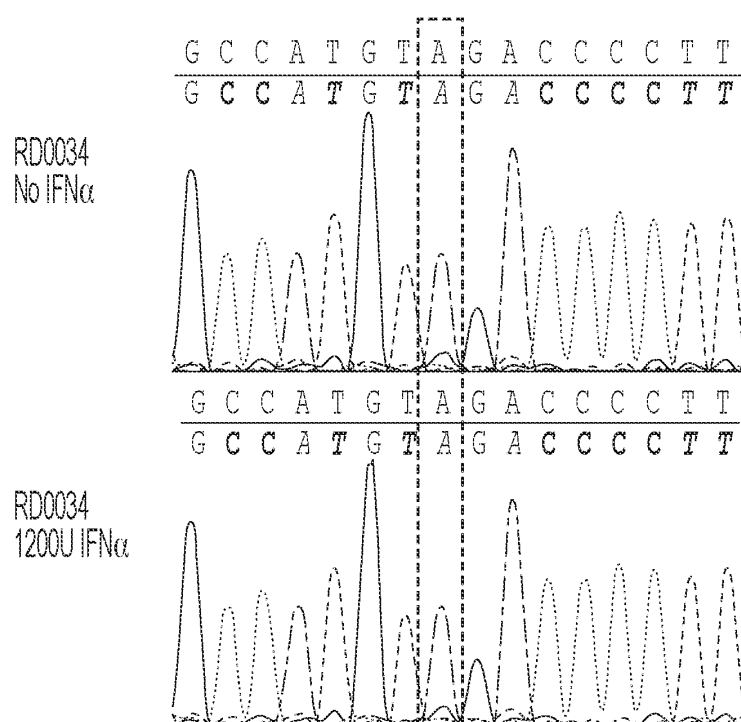
13/55

*FIG. 4E*

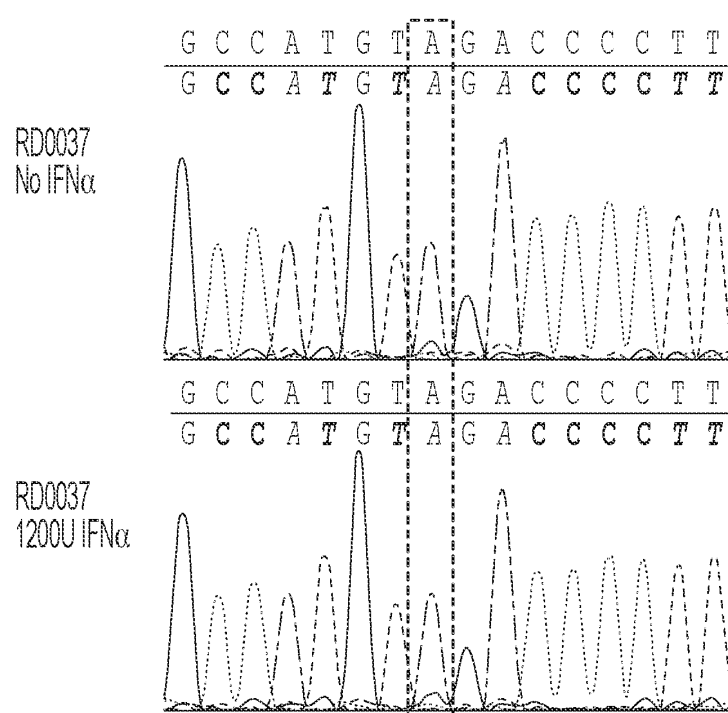
14/55

*FIG. 5A**FIG. 5B*

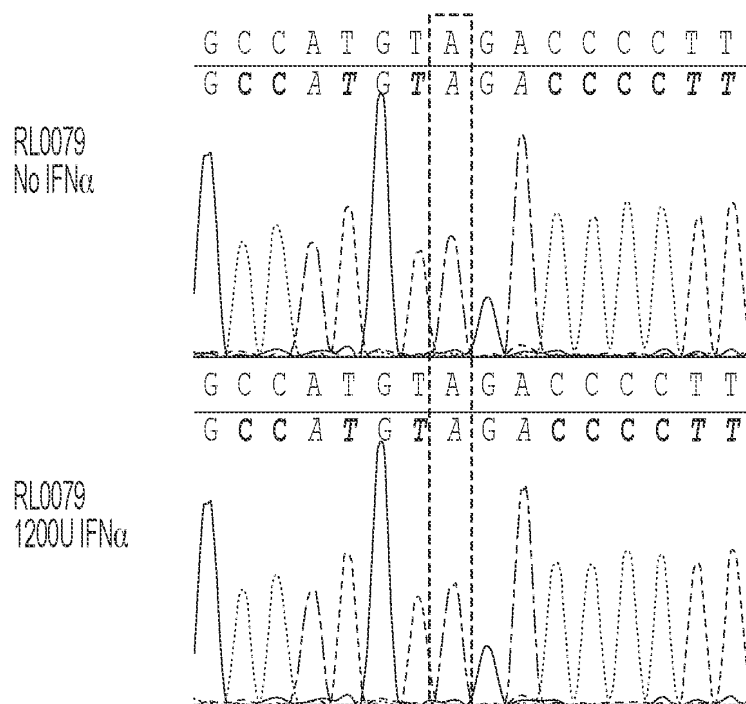
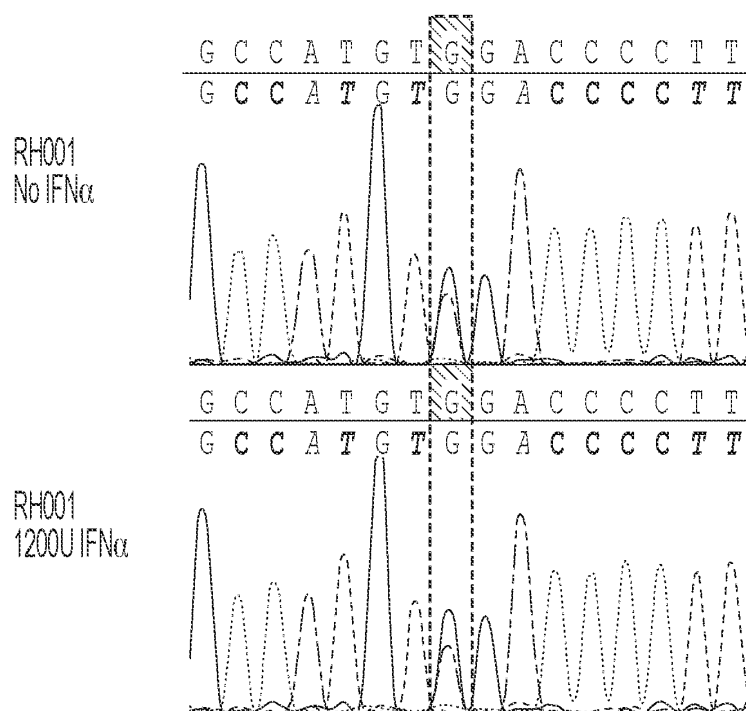
15/55

*FIG. 5C**FIG. 5D*

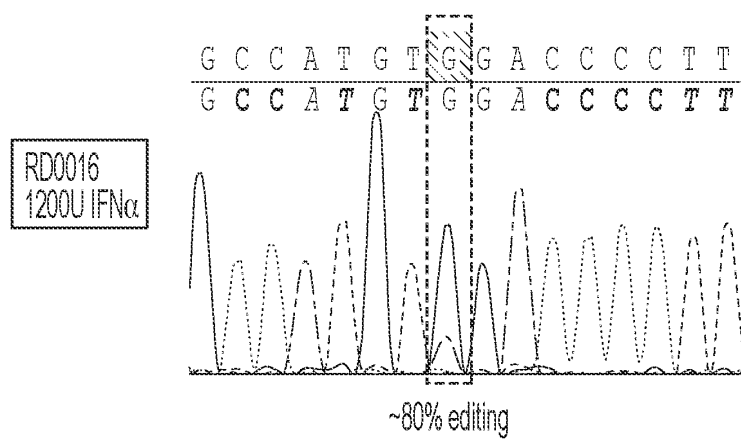
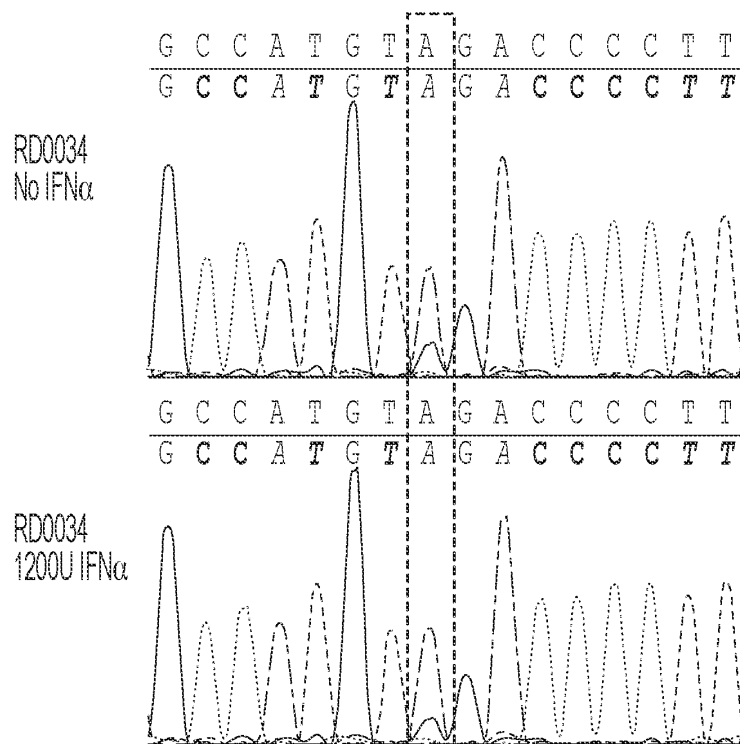
16/55

*FIG. 5E*

17/55

*FIG. 6A**FIG. 6B*

18/55

**FIG. 6C****FIG. 6D**

19/55

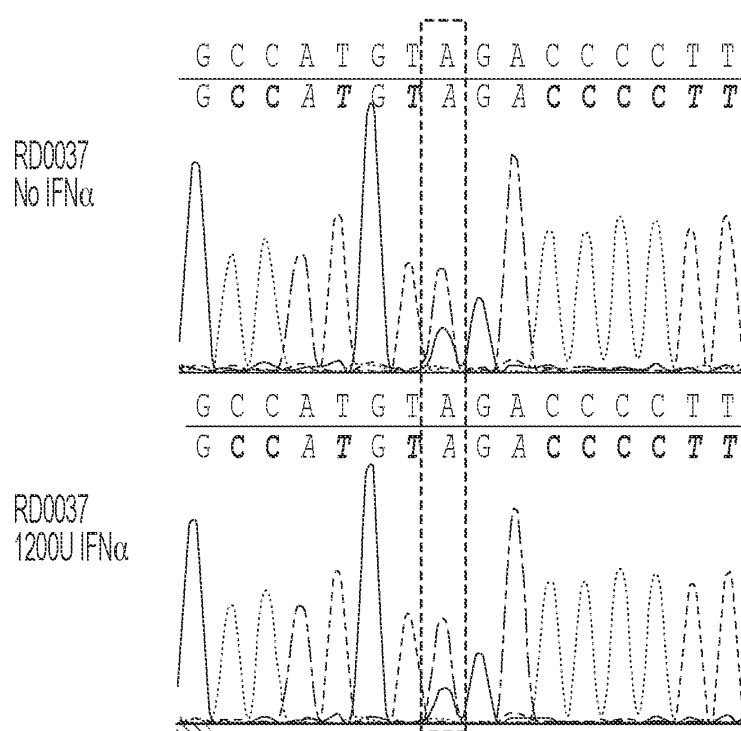


FIG. 6E

20/55

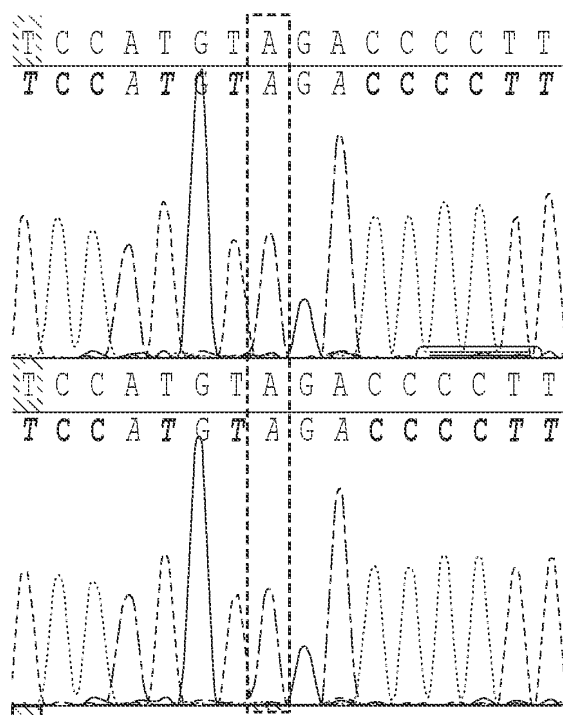
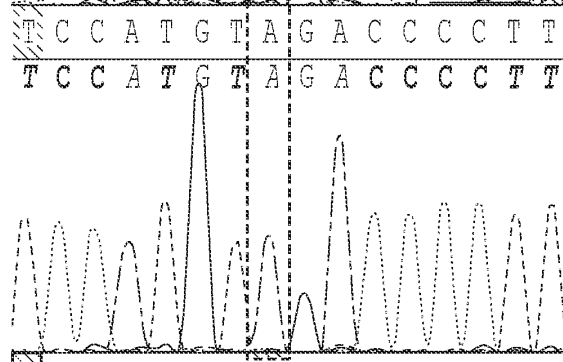
RL0079
No IFN α RL0079
1200U IFN α 

FIG. 7A

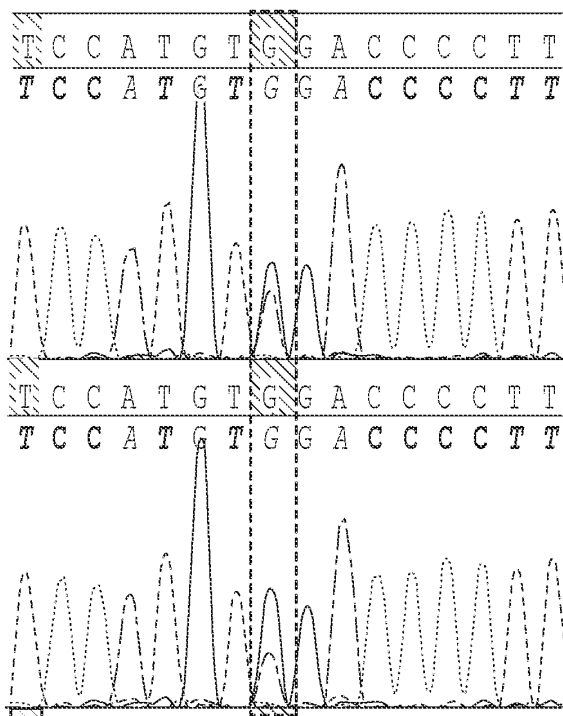
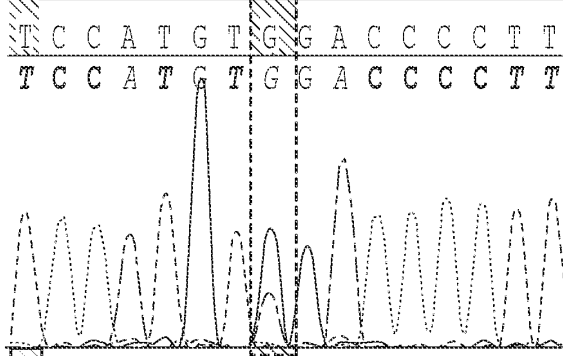
RH001
No IFN α RH001
1200U IFN α 

FIG. 7B

21/55

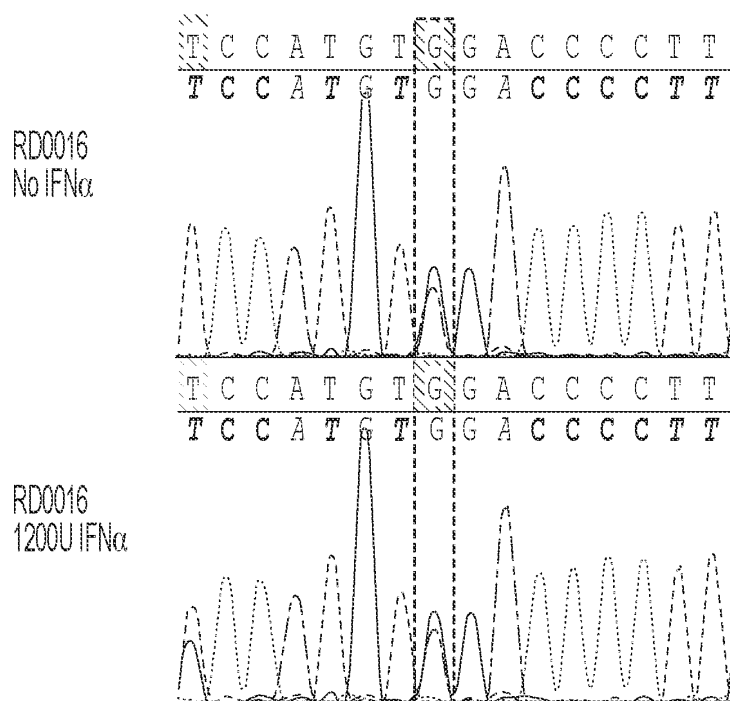


FIG. 7C

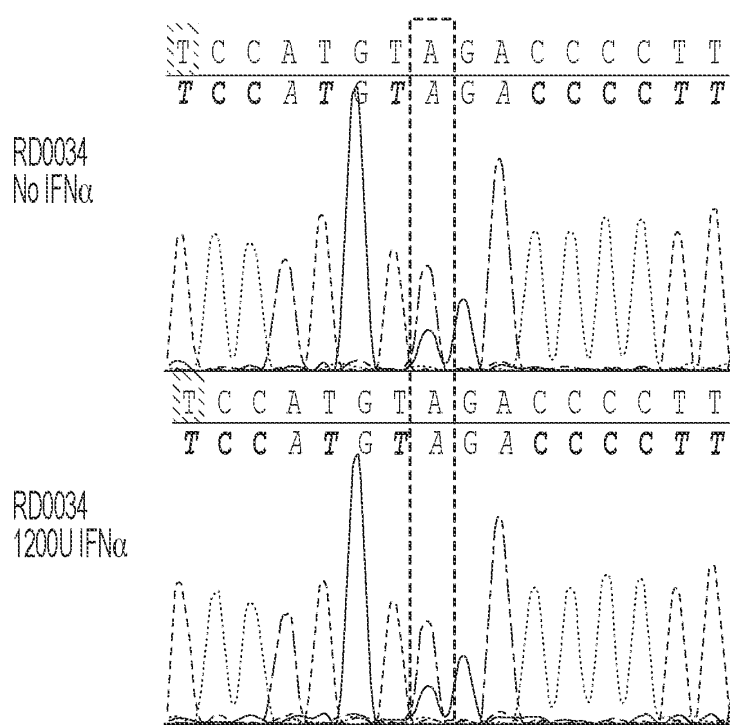


FIG. 7D

22/55

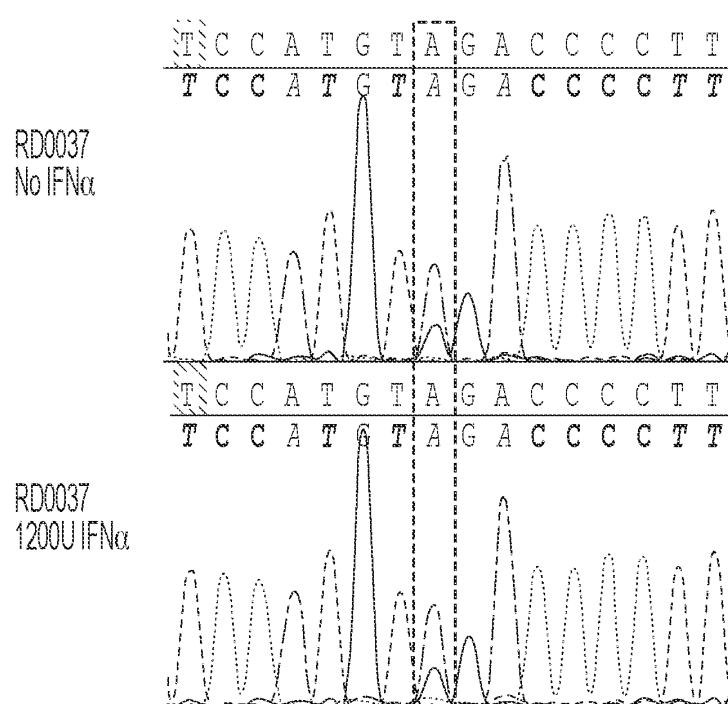
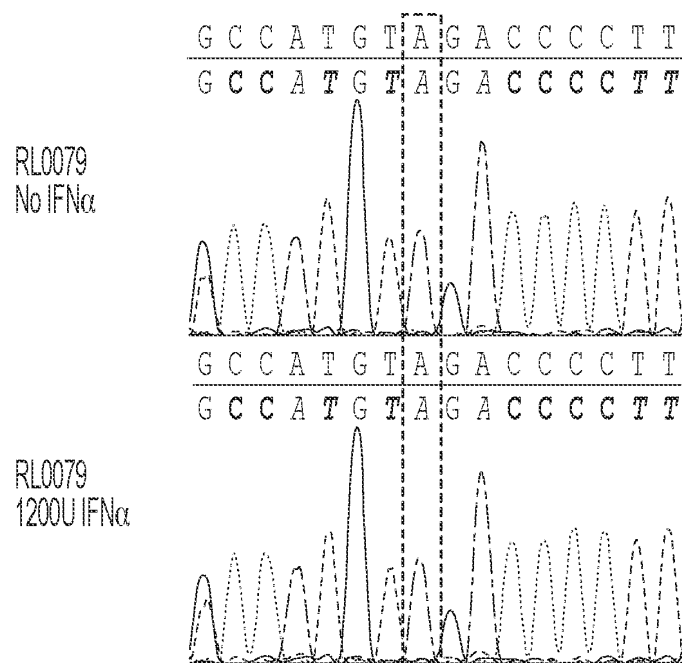
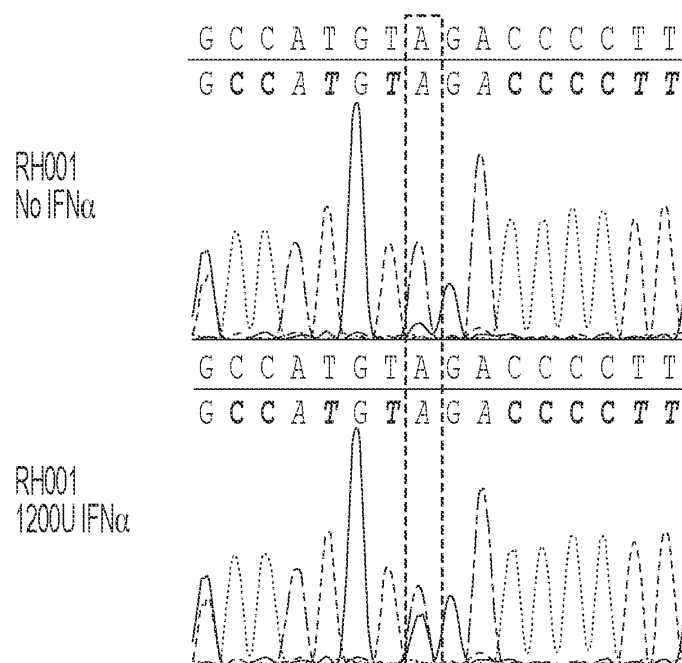


FIG. 7E

23/55

**FIG. 8A****FIG. 8B**

24/55

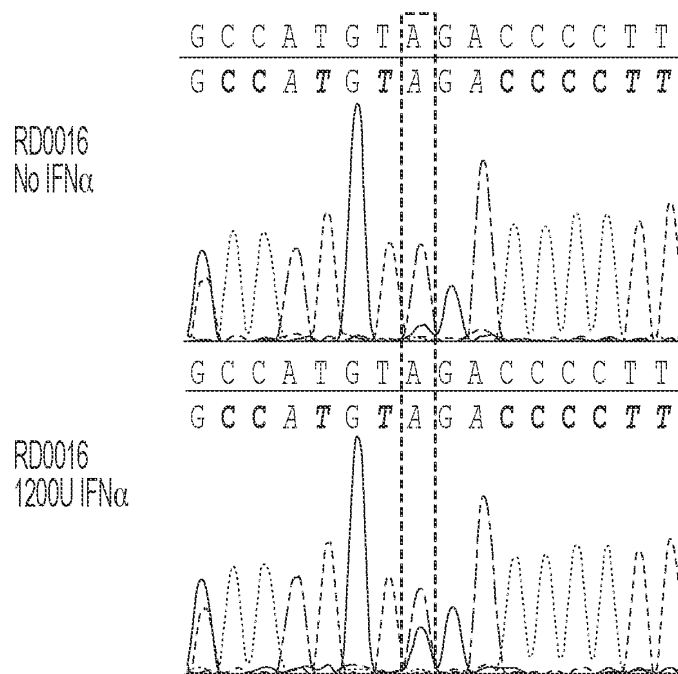


FIG. 8C

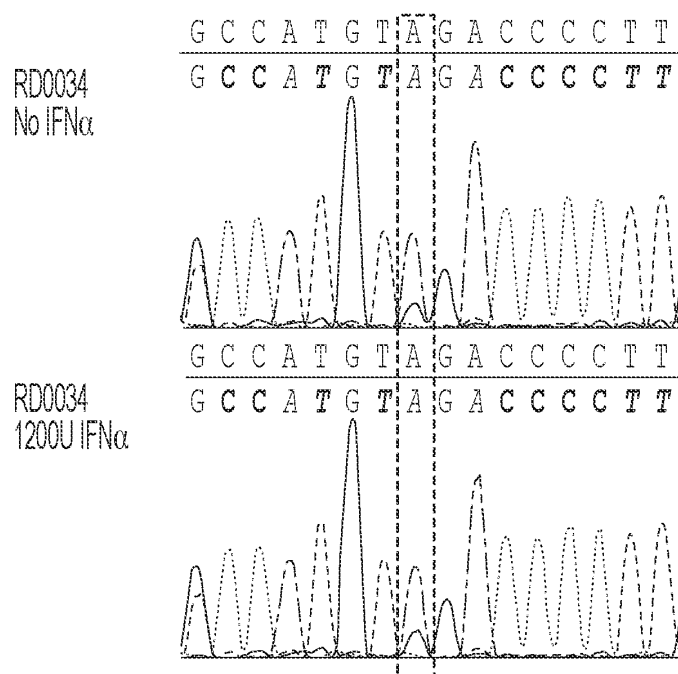


FIG. 8D

25/55

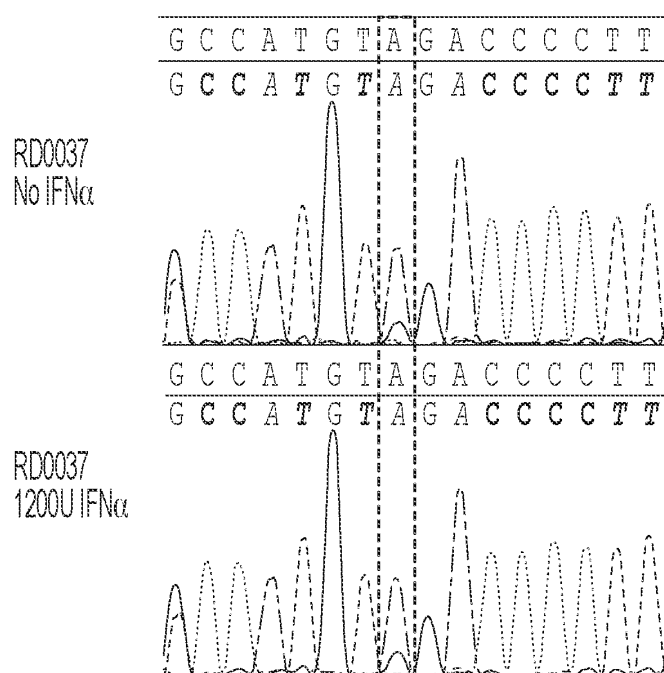
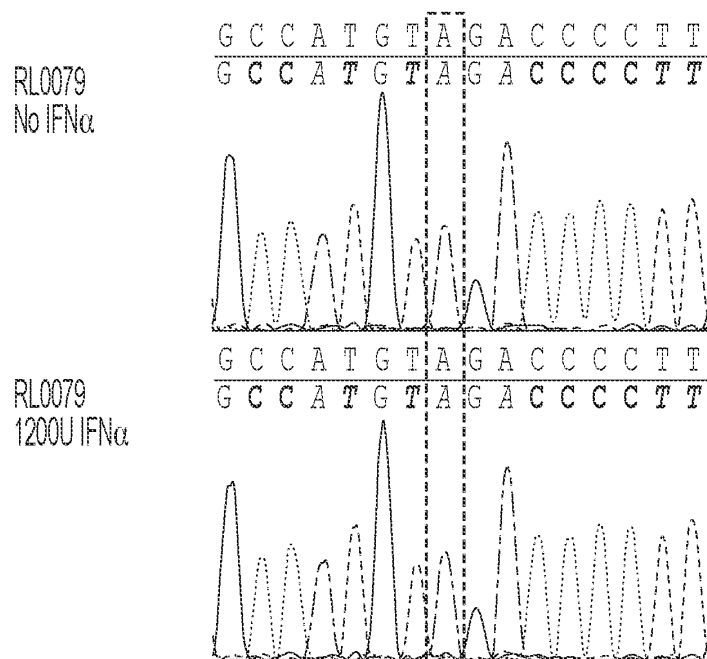
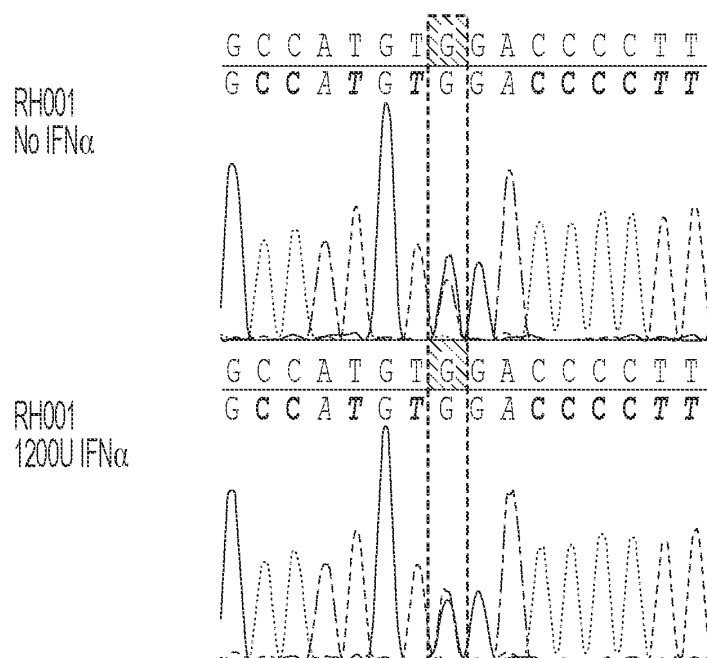


FIG. 8E

26/55

**FIG. 9A****FIG. 9B**

27/55

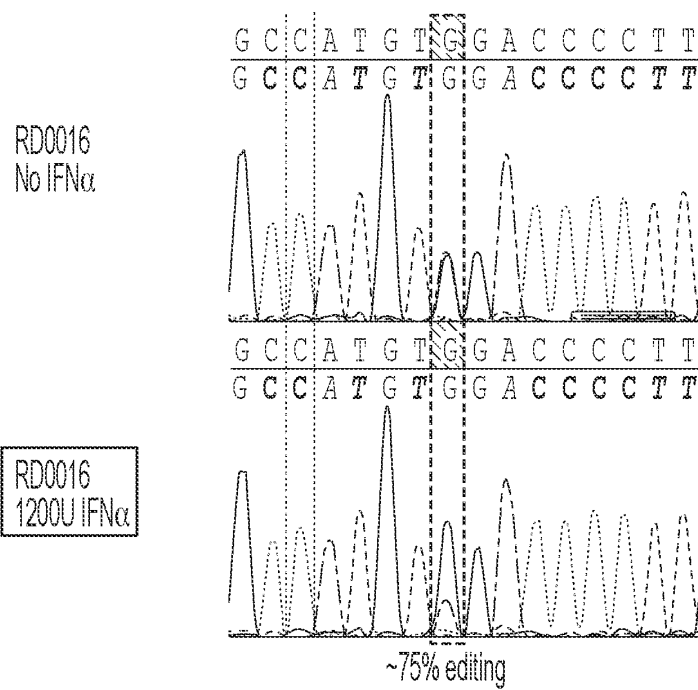


FIG. 9C

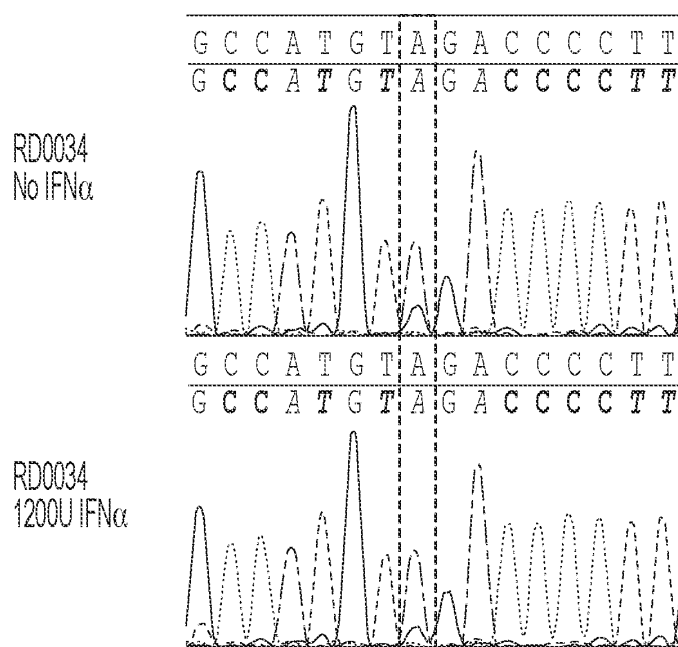
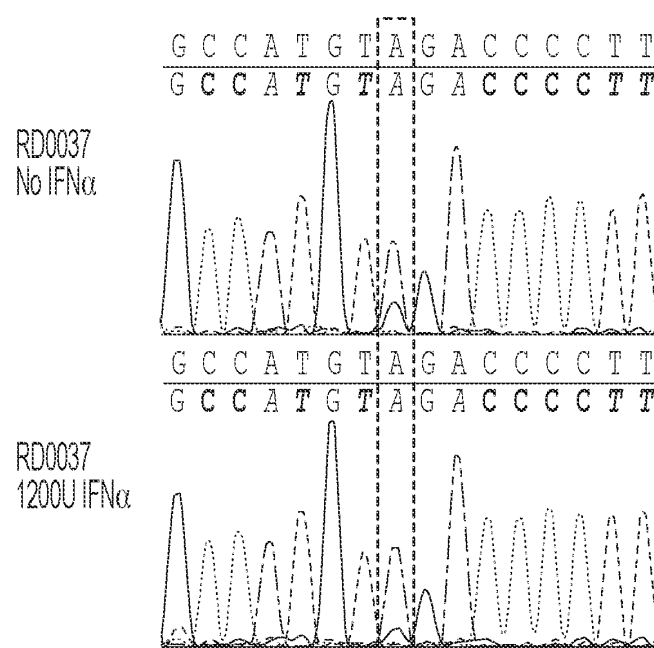
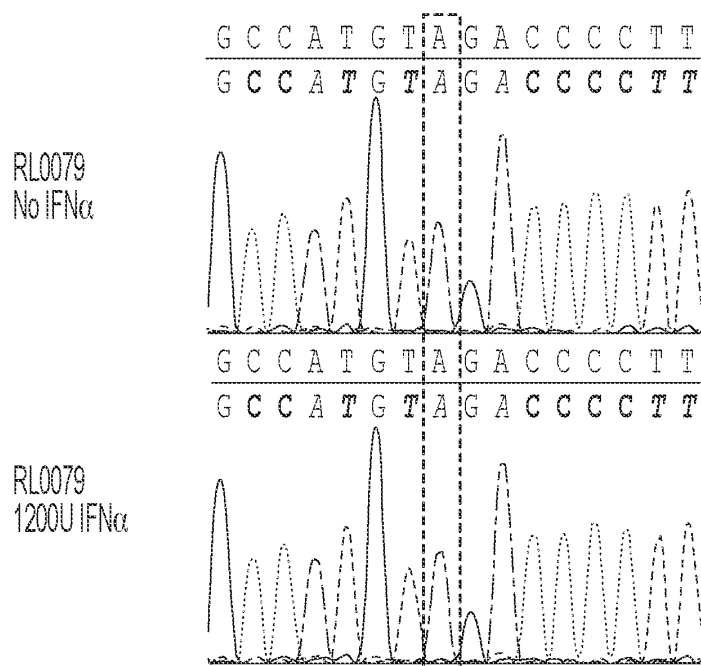
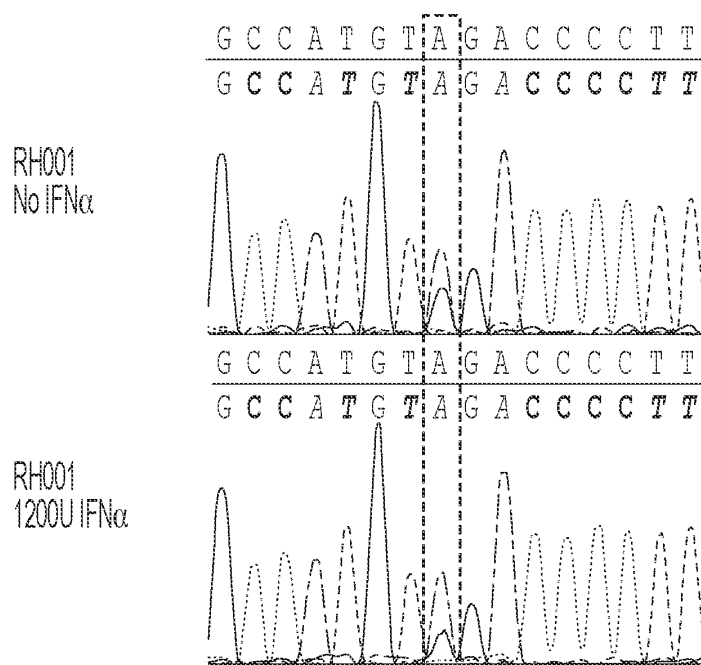


FIG. 9D

28/55

**FIG. 9E**

29/55

**FIG. 10A****FIG. 10B**

30/55

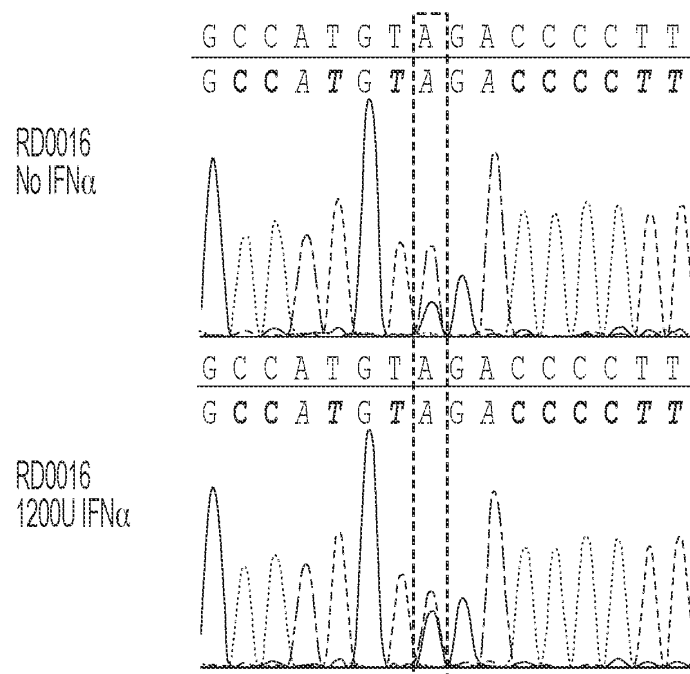


FIG. 10C

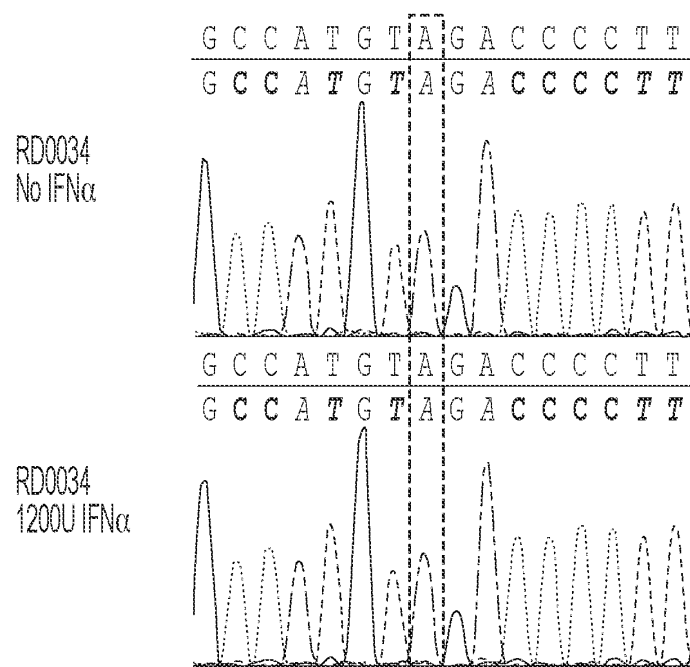


FIG. 10D

31/55

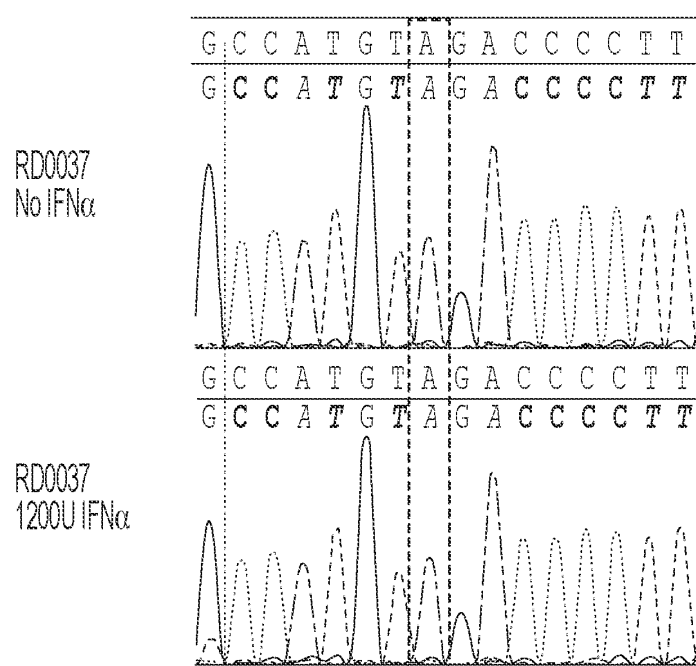
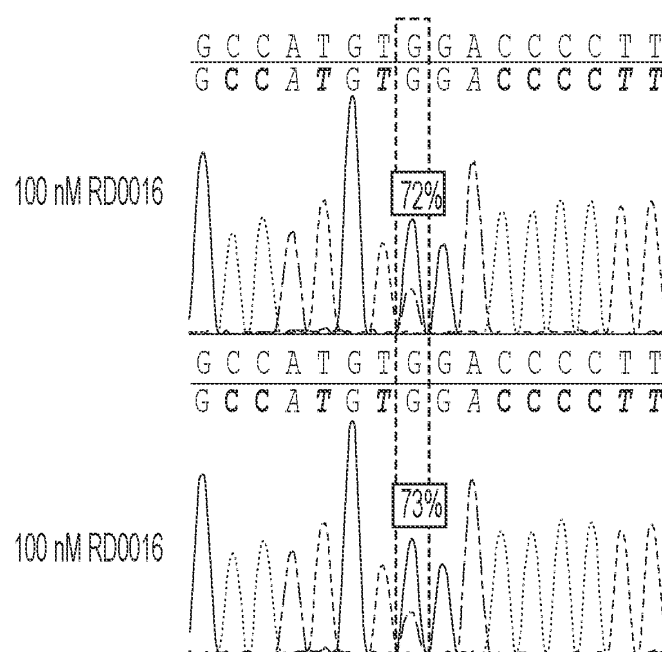
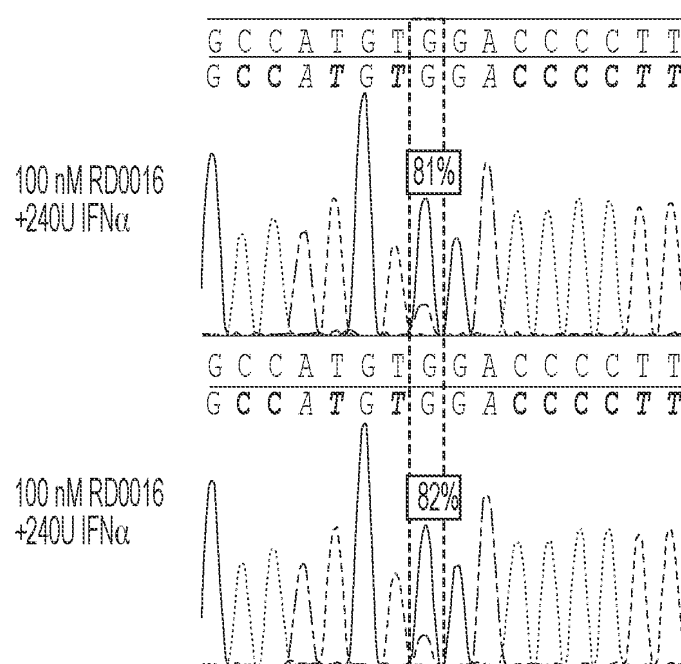


FIG. 10E

32/55

**FIG. 11A**

33/55

**FIG. 11B**

34/55

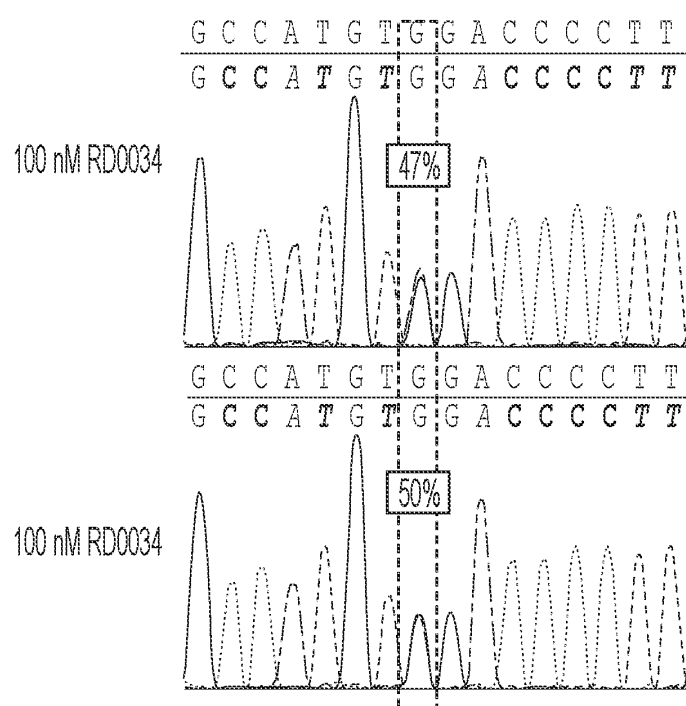
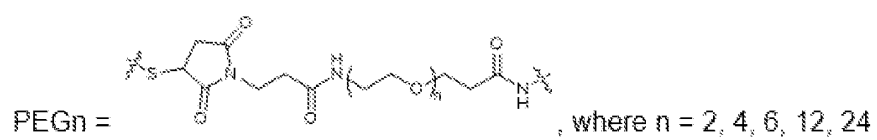
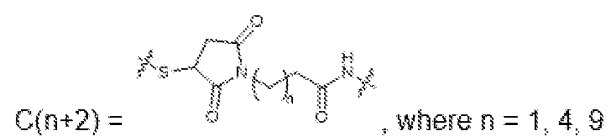
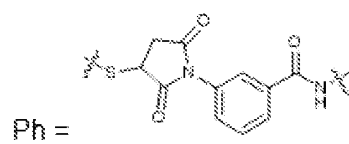
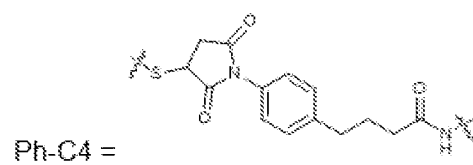
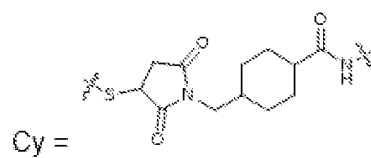
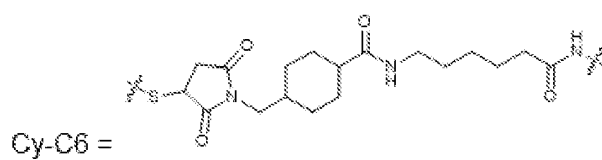
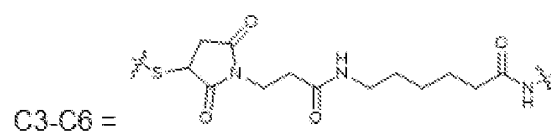


FIG. 11C

**FIG. 12A****FIG. 12B****FIG. 12C****FIG. 12D**

**FIG. 12E****FIG. 12F****FIG. 12G**

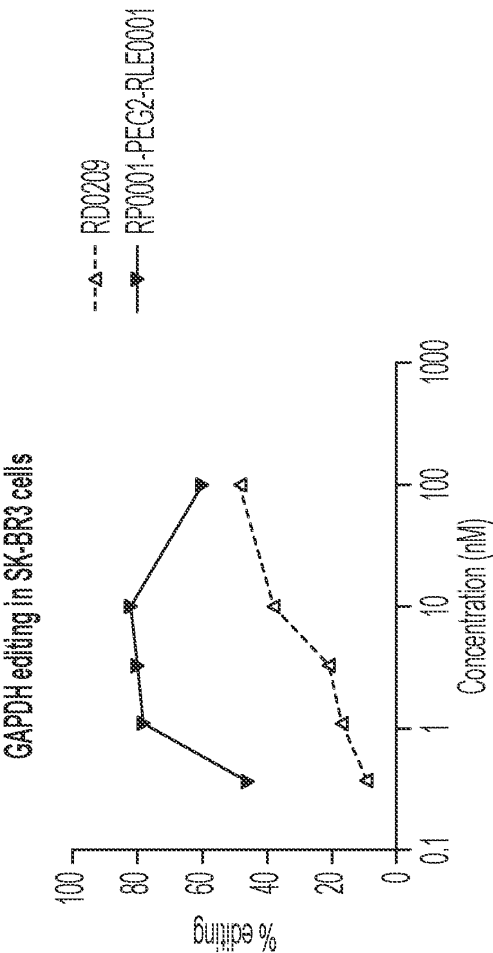


FIG. 13A

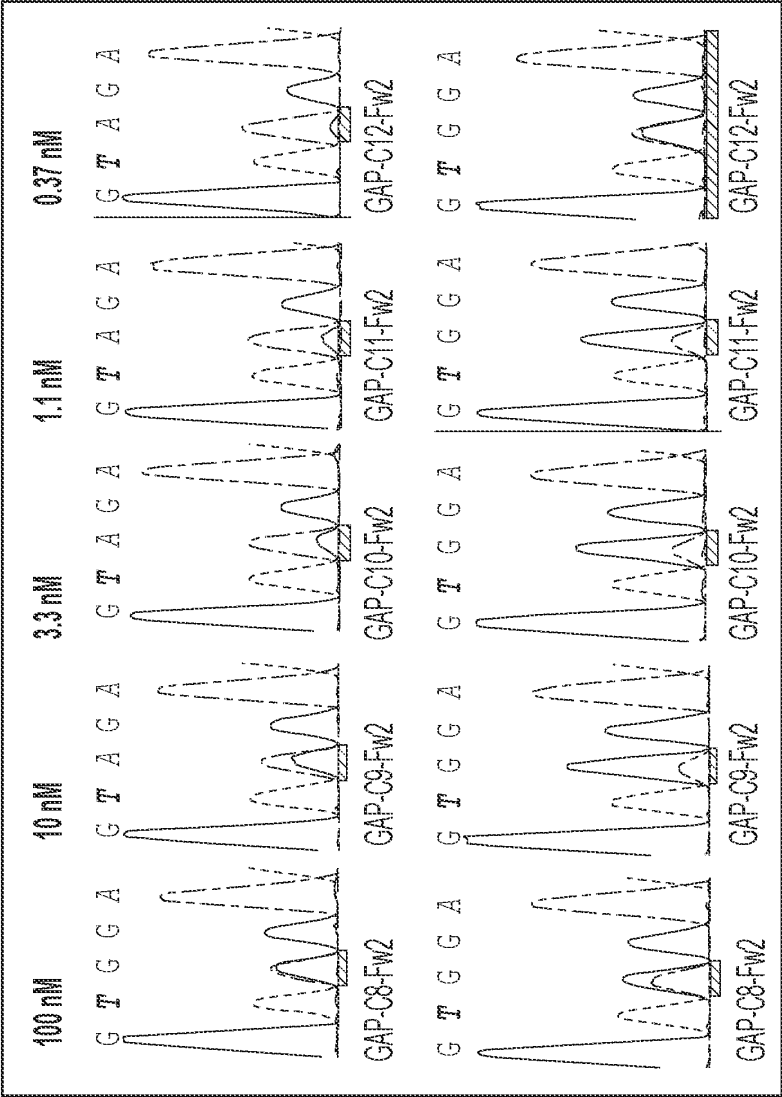


FIG. 13B

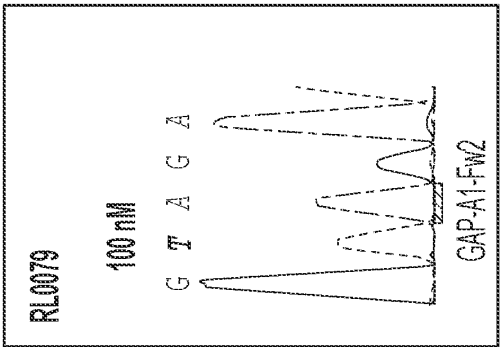


FIG. 13C

SK-BR-3
GAPDH Editing (RD0001-RD0030)
100 nM

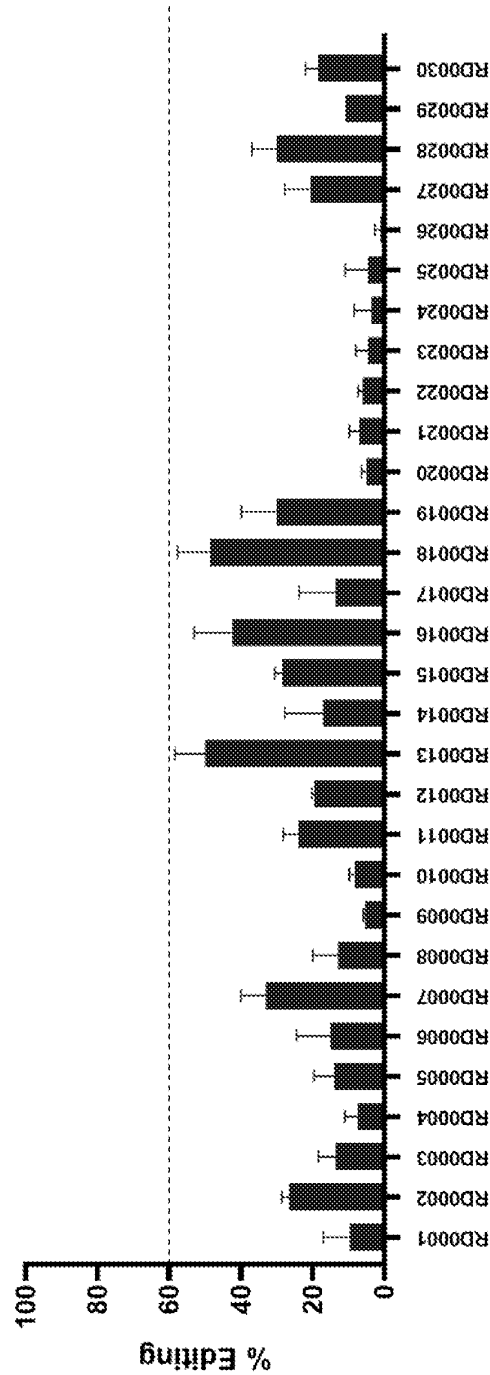


FIG. 14A

SK-BR-3
GAPDH Editing (RD0031-RD0060)
100 nM

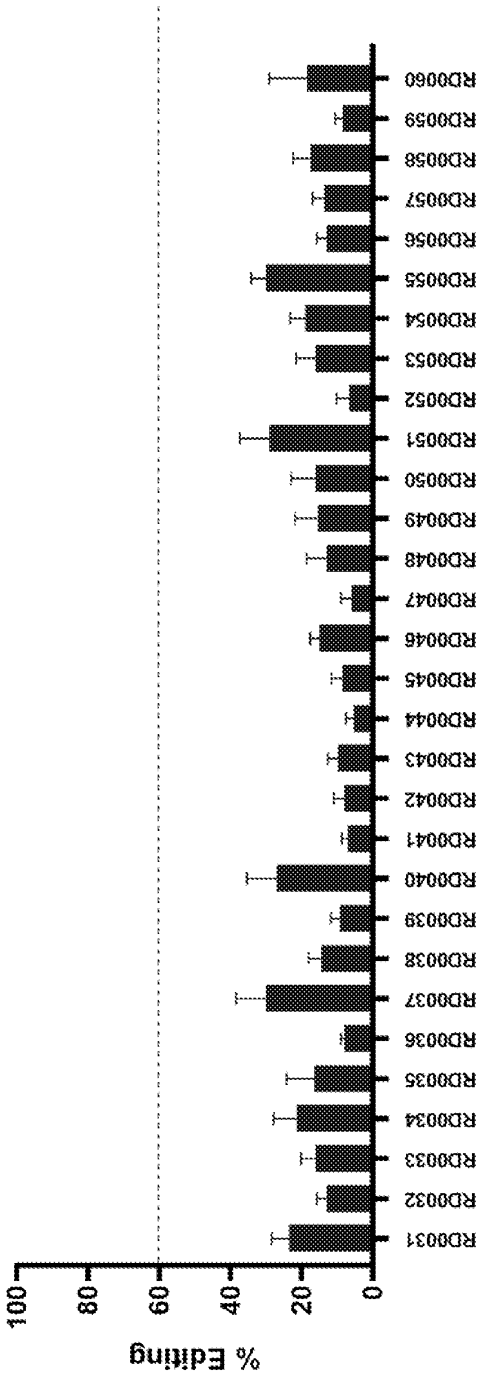


FIG. 14B

SK-BR-3
GAPDH Editing (RD0061-RD0174)
100 nM

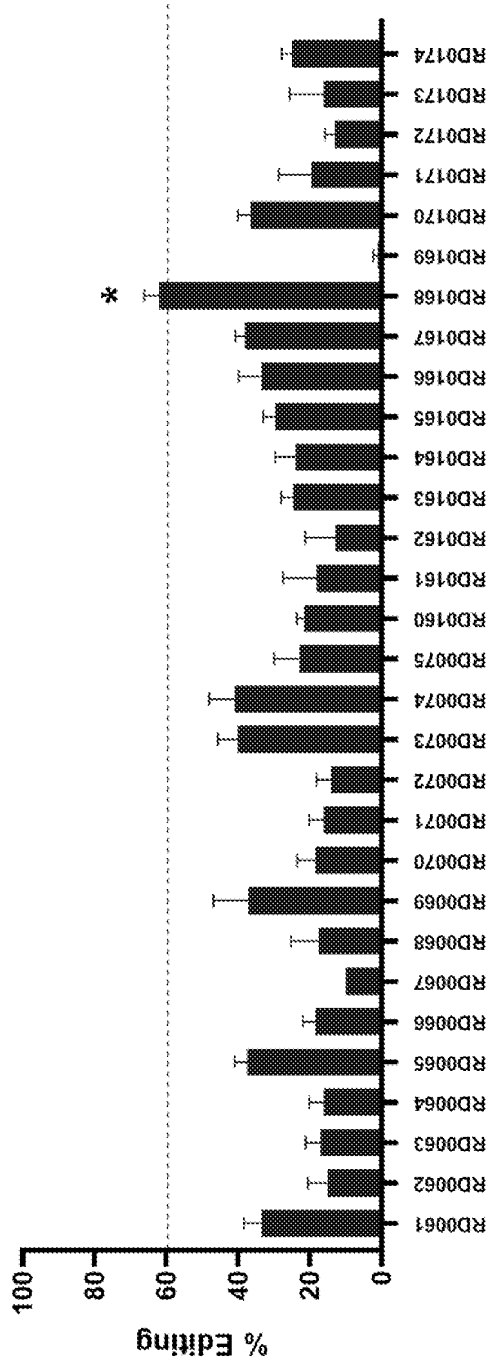


FIG. 14C

SK-BR-3
GAPDH Editing (RD0175-RD0221)
100 nM

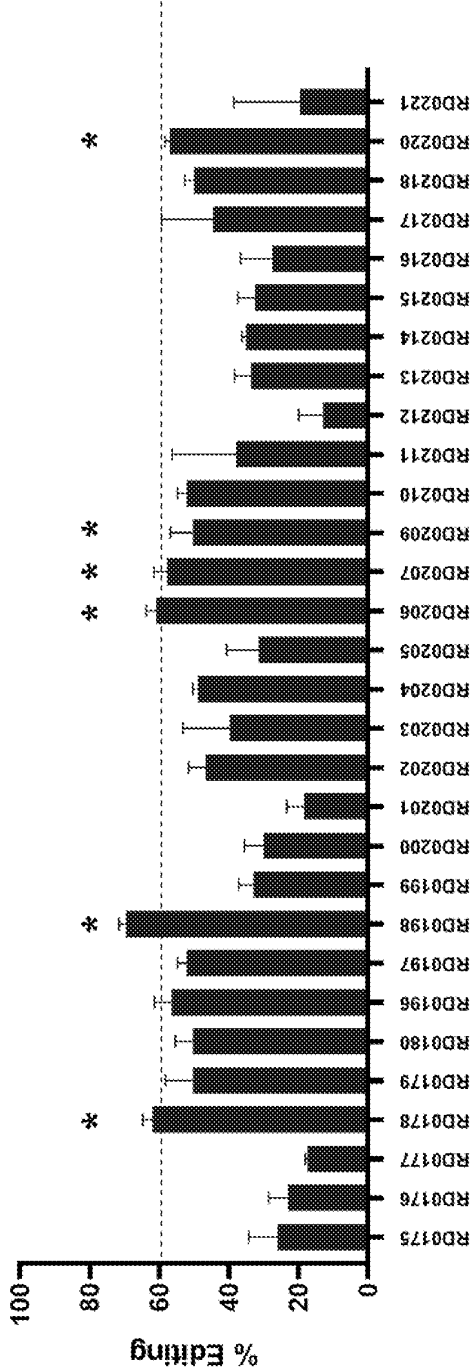


FIG. 14D

SK-BR-3
GAPDH Editing (RD0222-RD0349)
100 nM

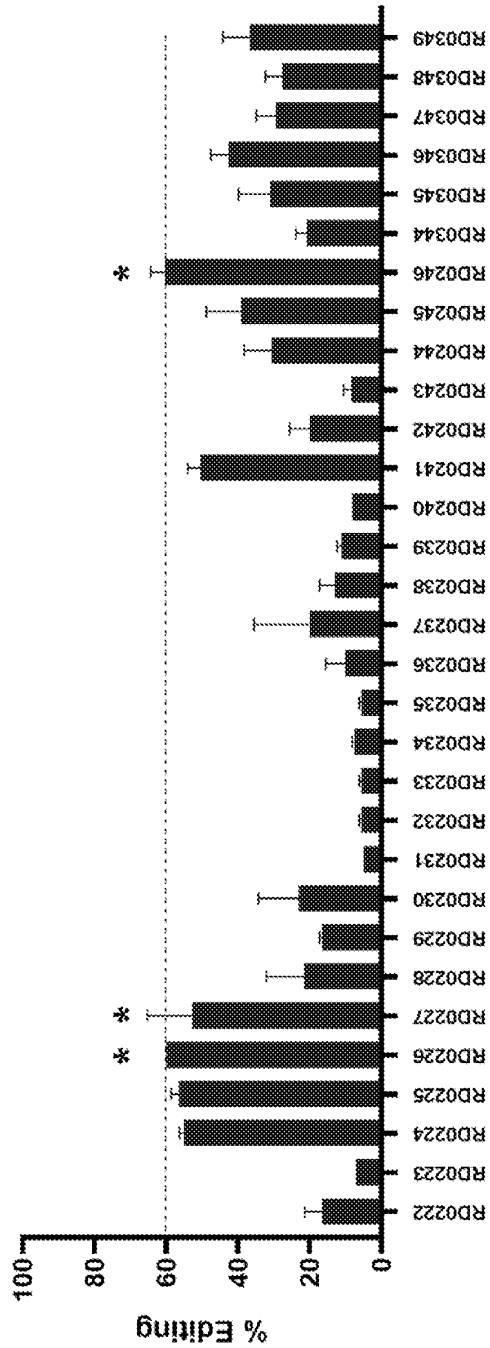


FIG. 14E

SK-BR-3
GAPDH Editing (RD0441-RD0485)
100 nM

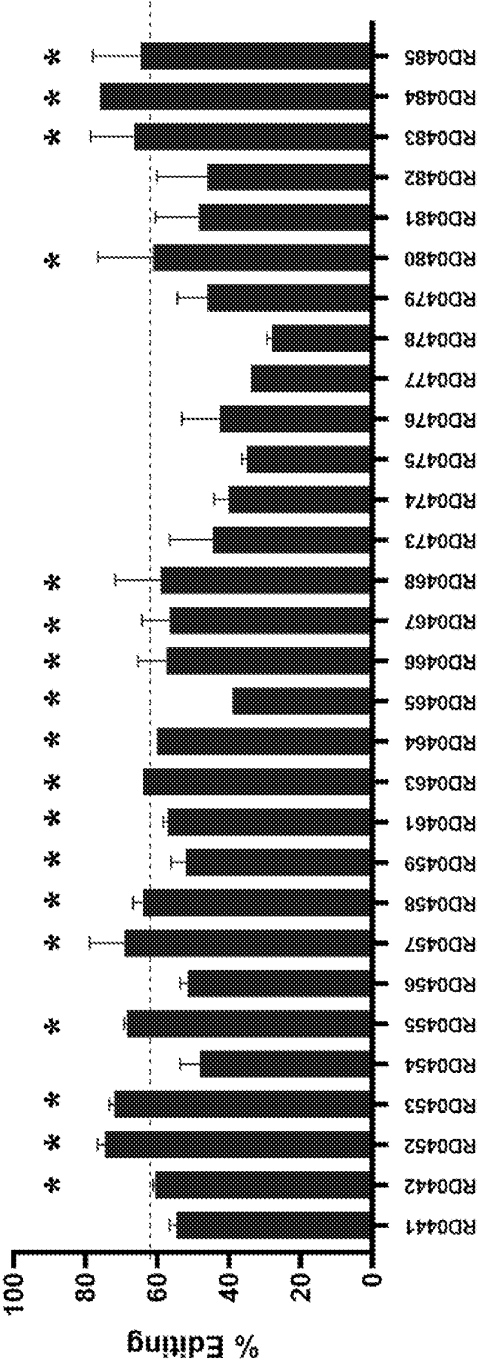


FIG. 14F

SK-BR-3
GAPDH Editing with Conjugates (10 nM)

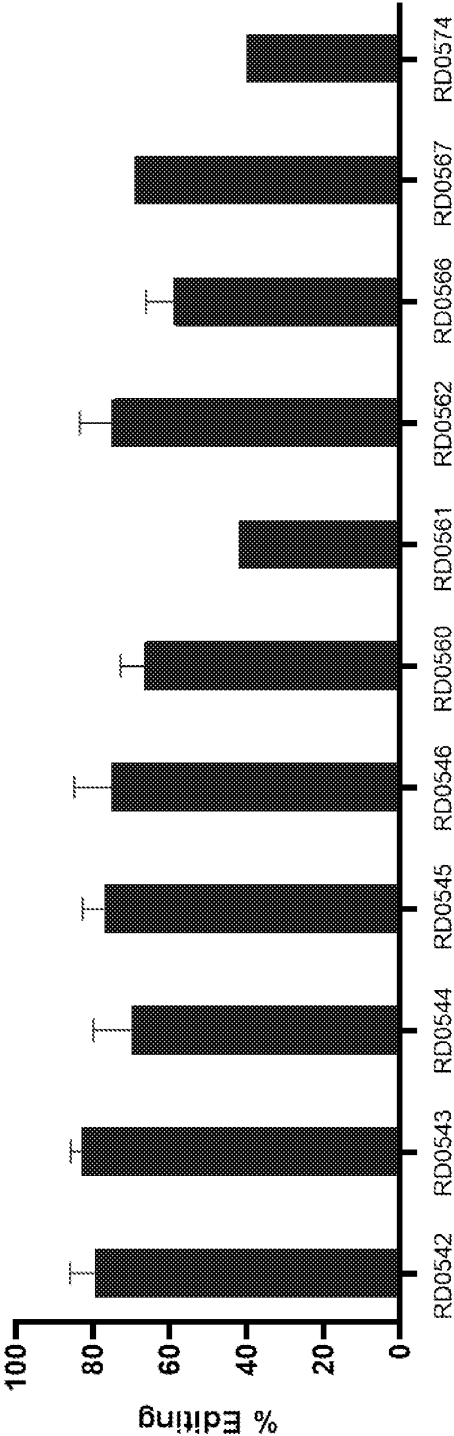


FIG. 14G

Cells transfected 24h after plating
Editing 24 h post transfection

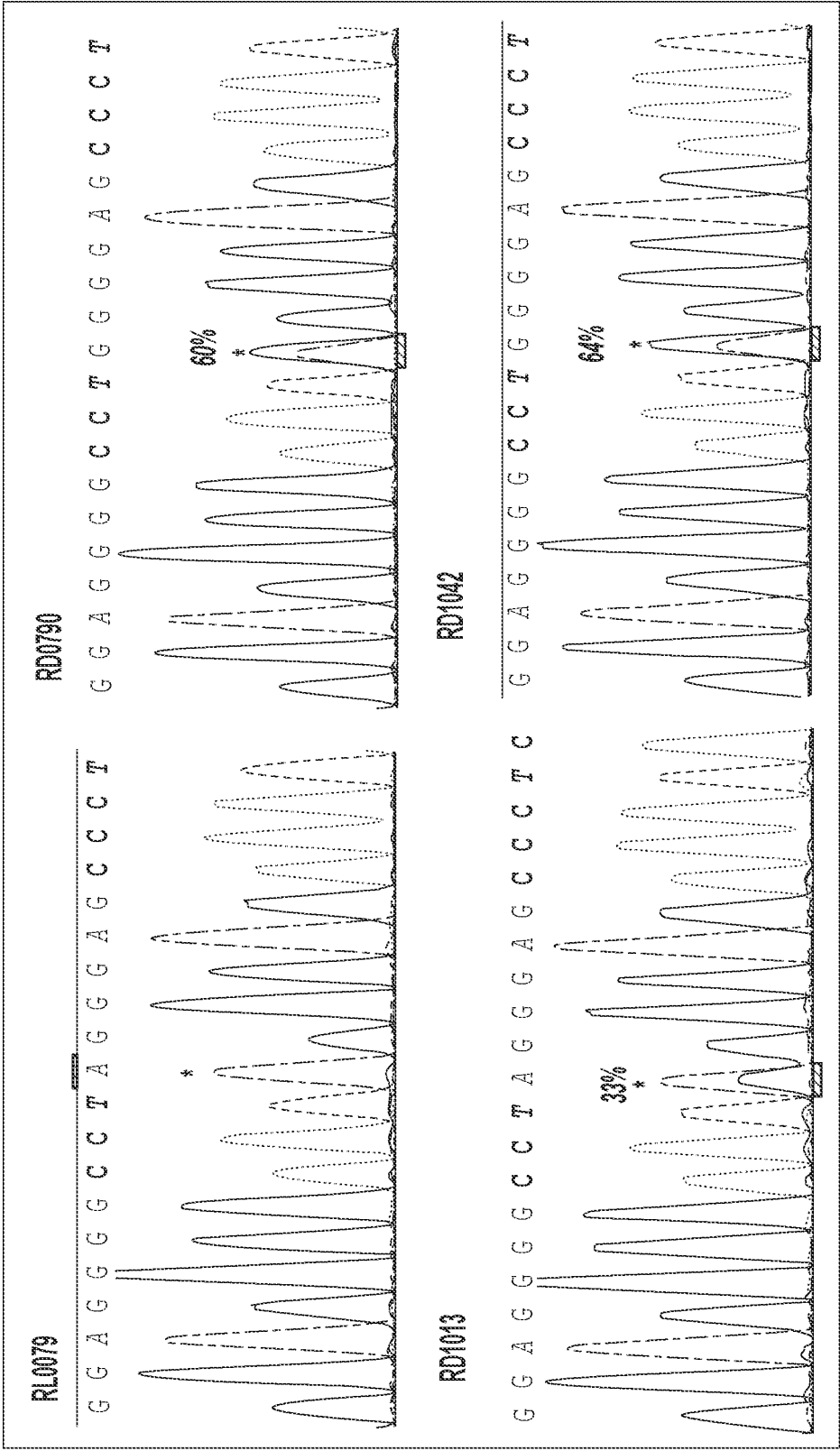


FIG. 15

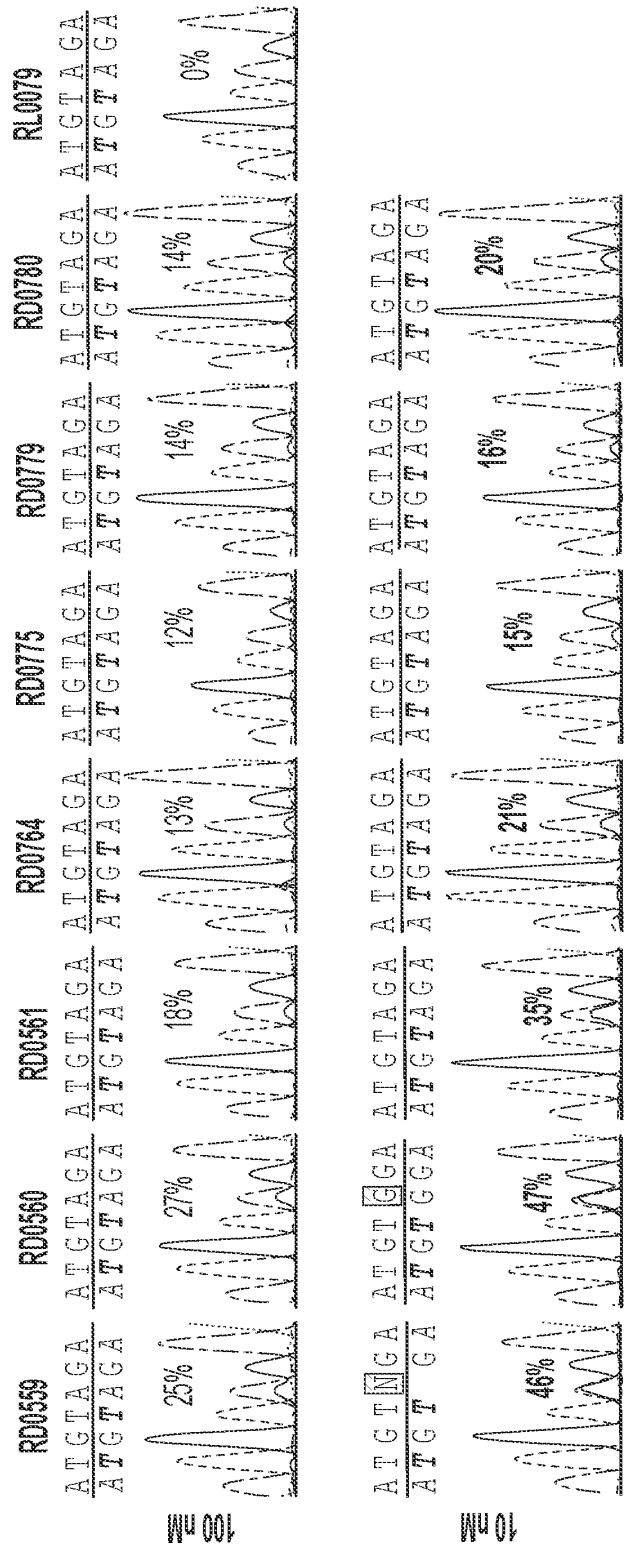
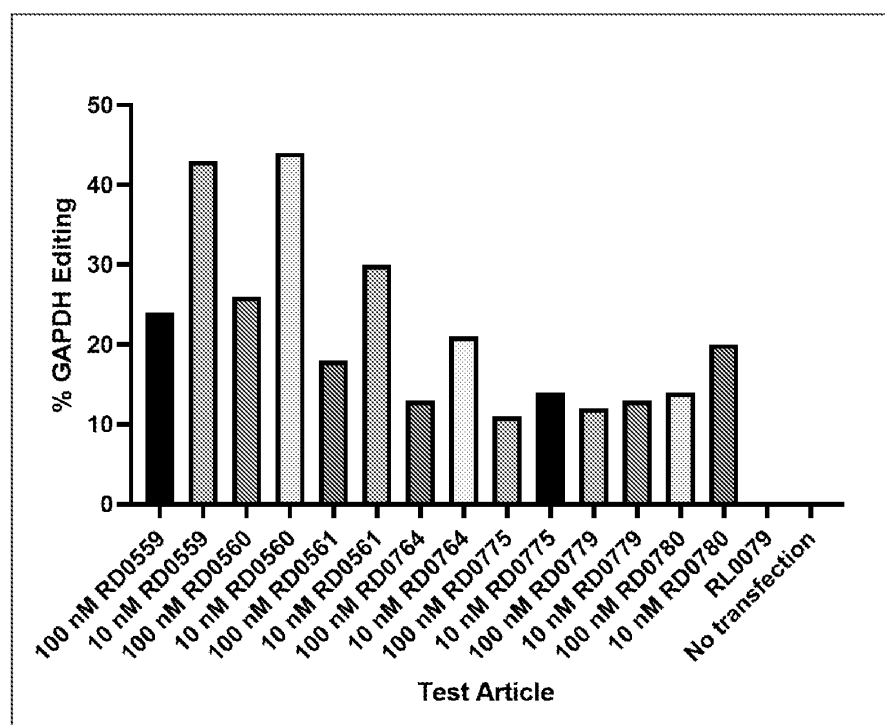
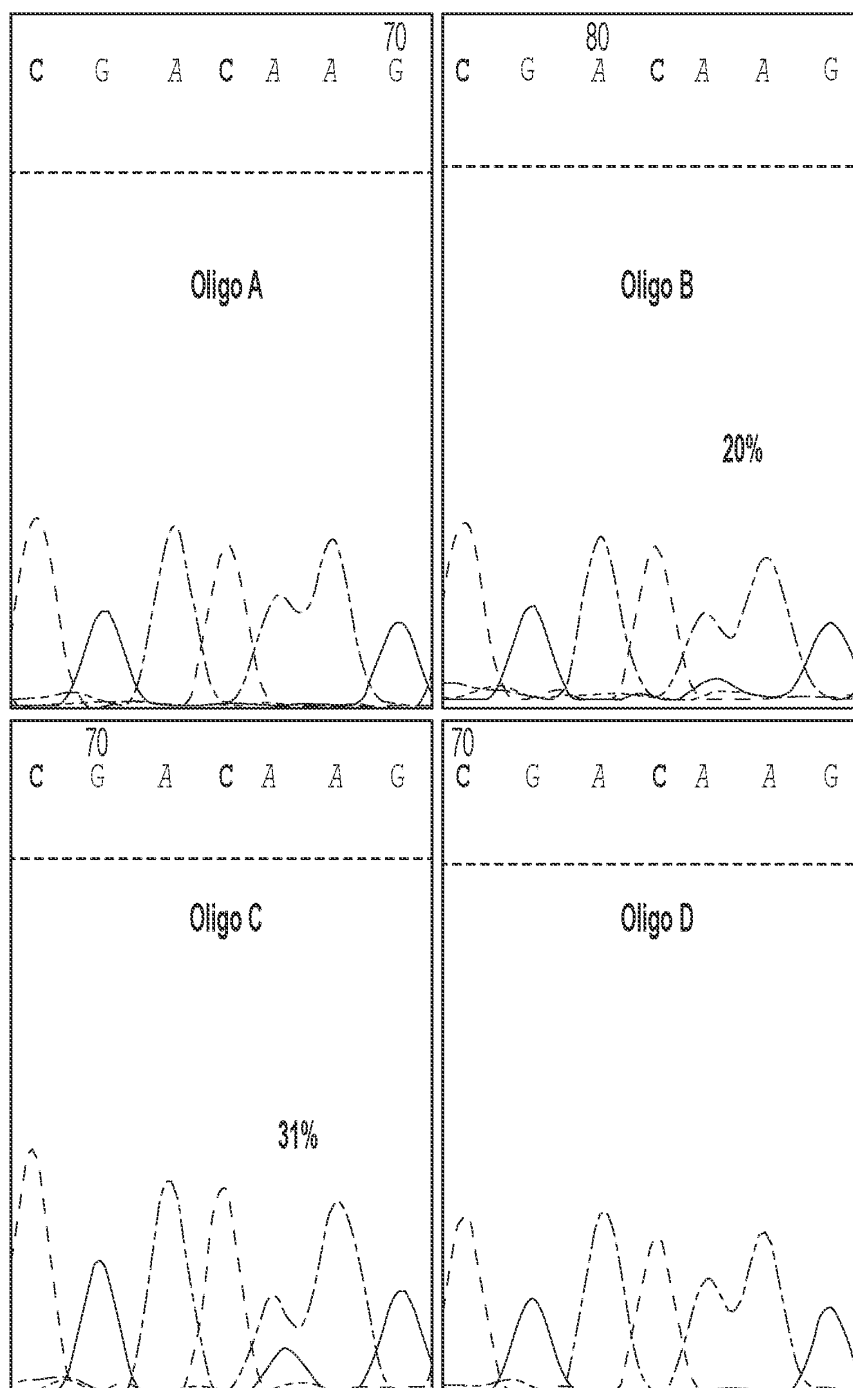


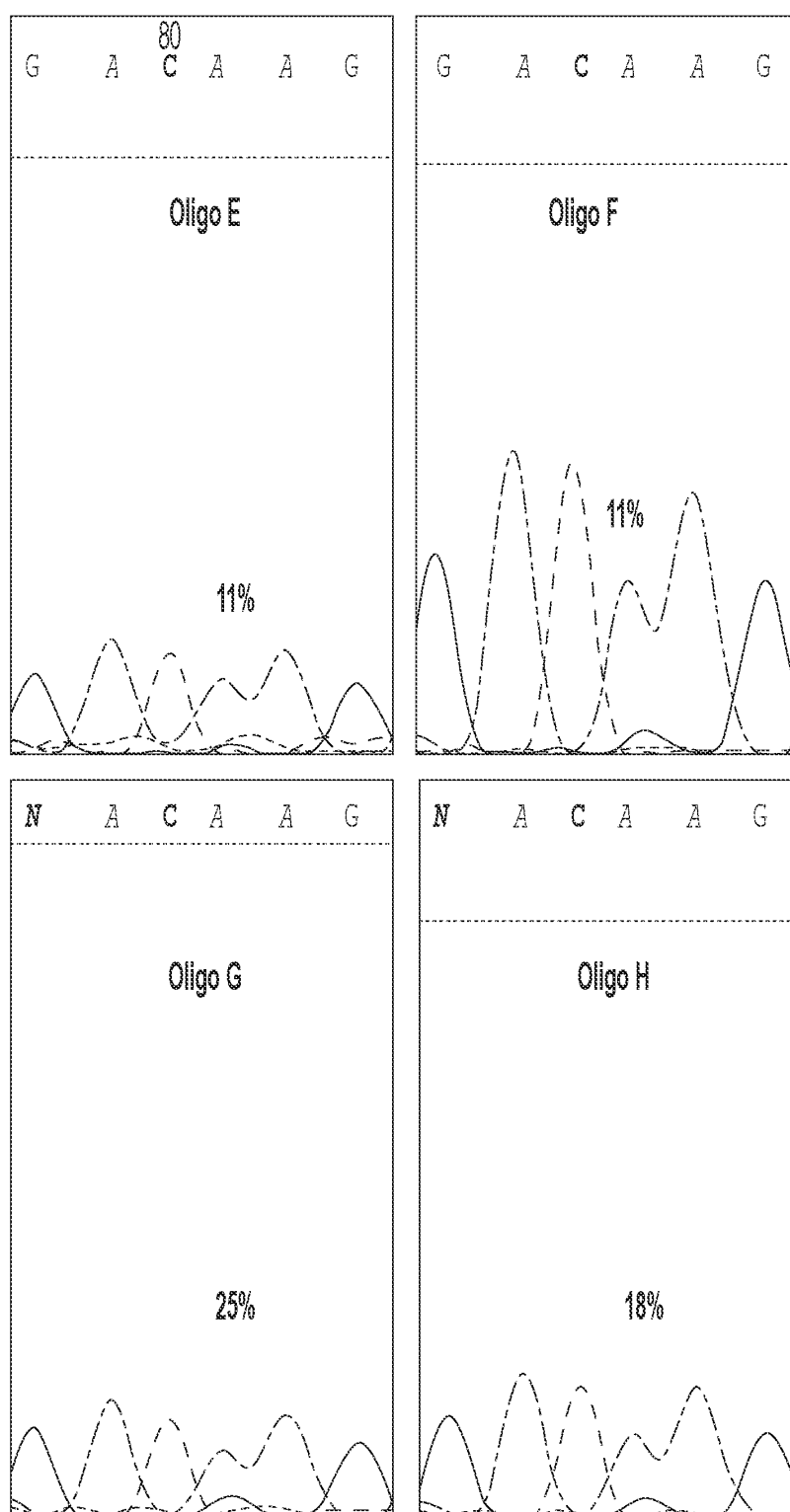
FIG. 16A

*FIG. 16B*

50/55

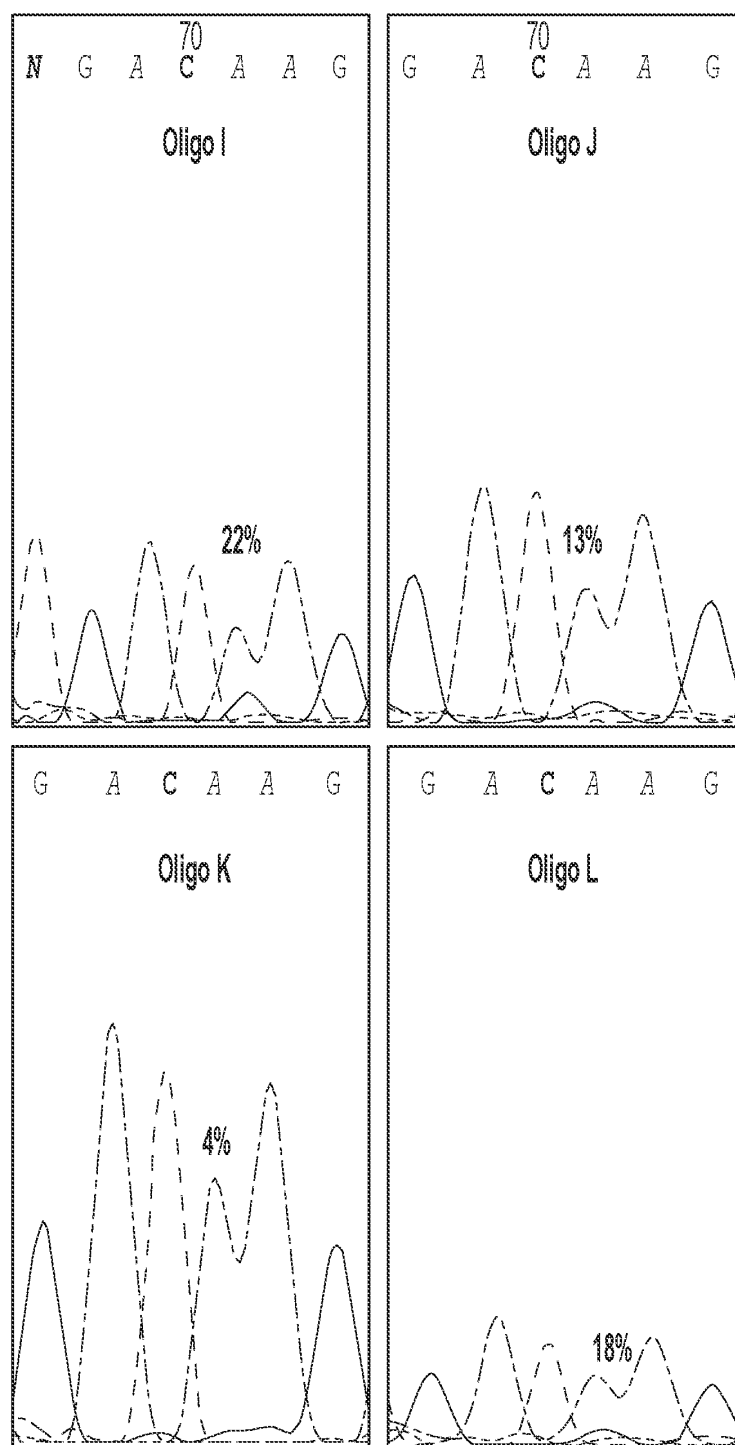
**FIG. 17A**

51/55

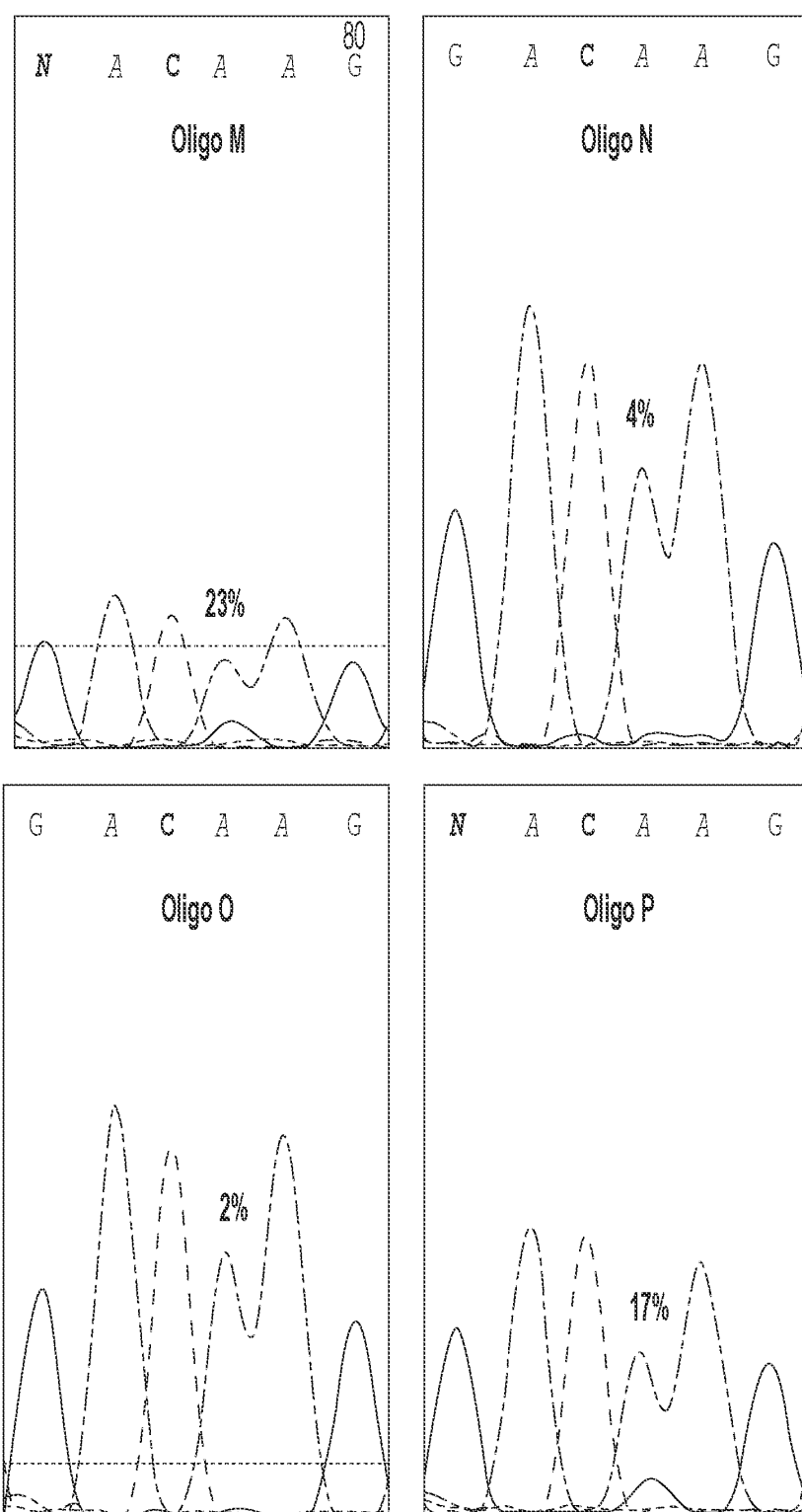
**FIG. 17B**

SUBSTITUTE SHEET (RULE 26)

52/55

*FIG. 17C*

53/55

**FIG. 17D**

SUBSTITUTE SHEET (RULE 26)

54/55

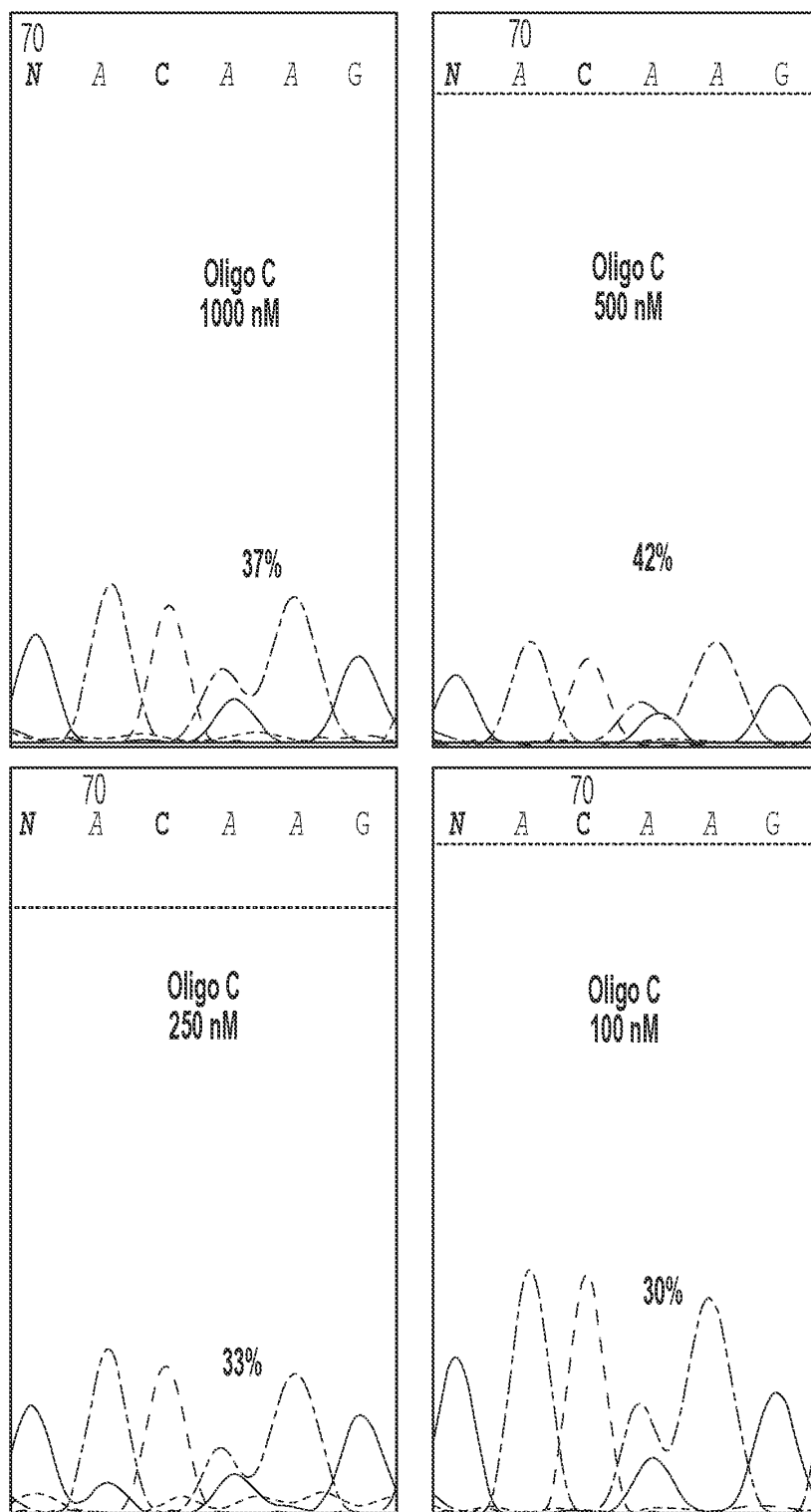
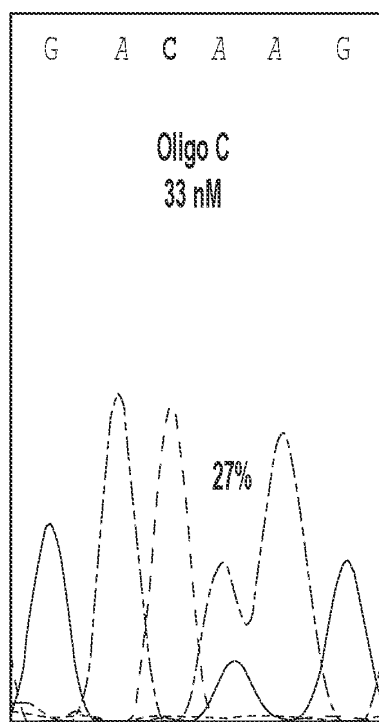


FIG. 17E

55/55

*FIG. 17F*