

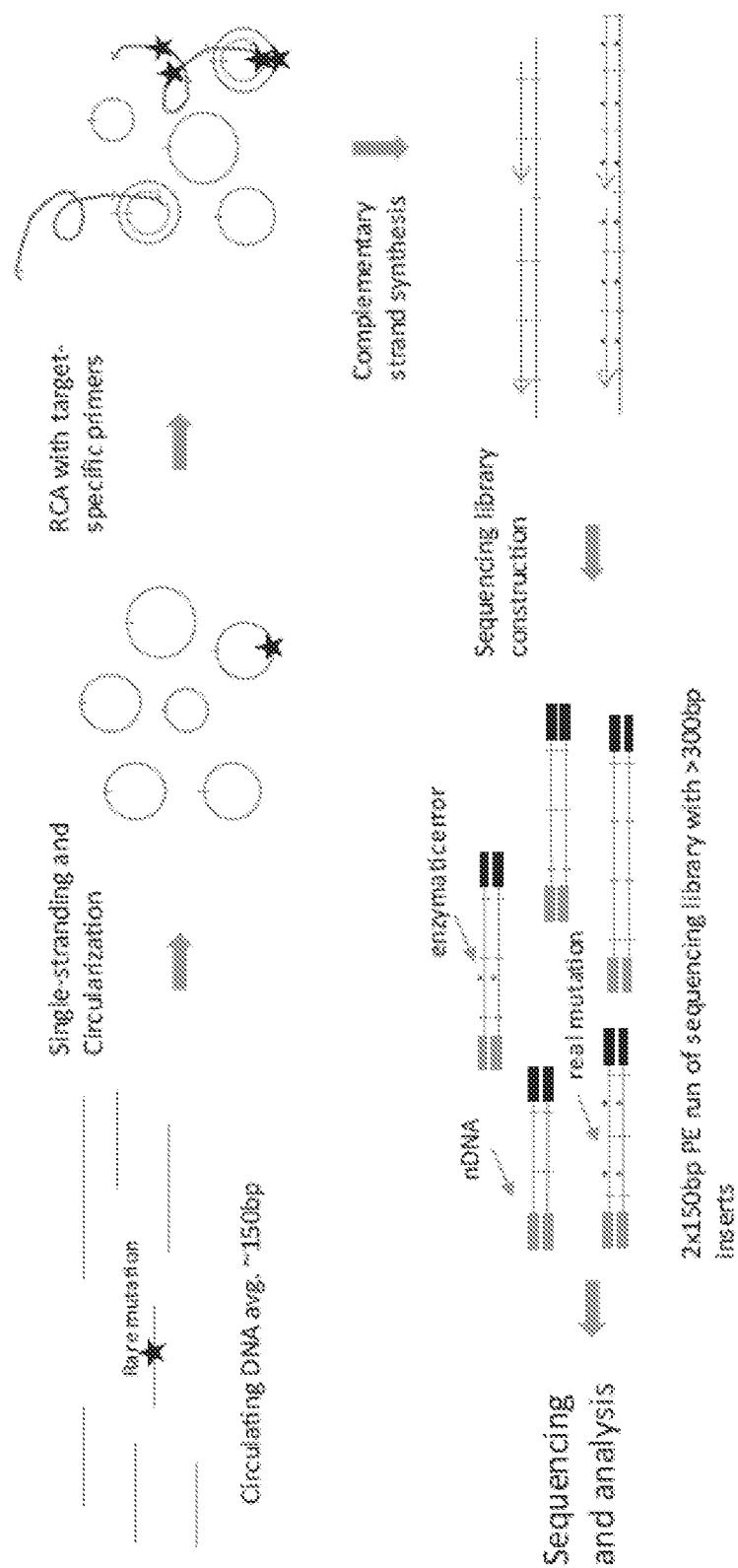


FIG. 1

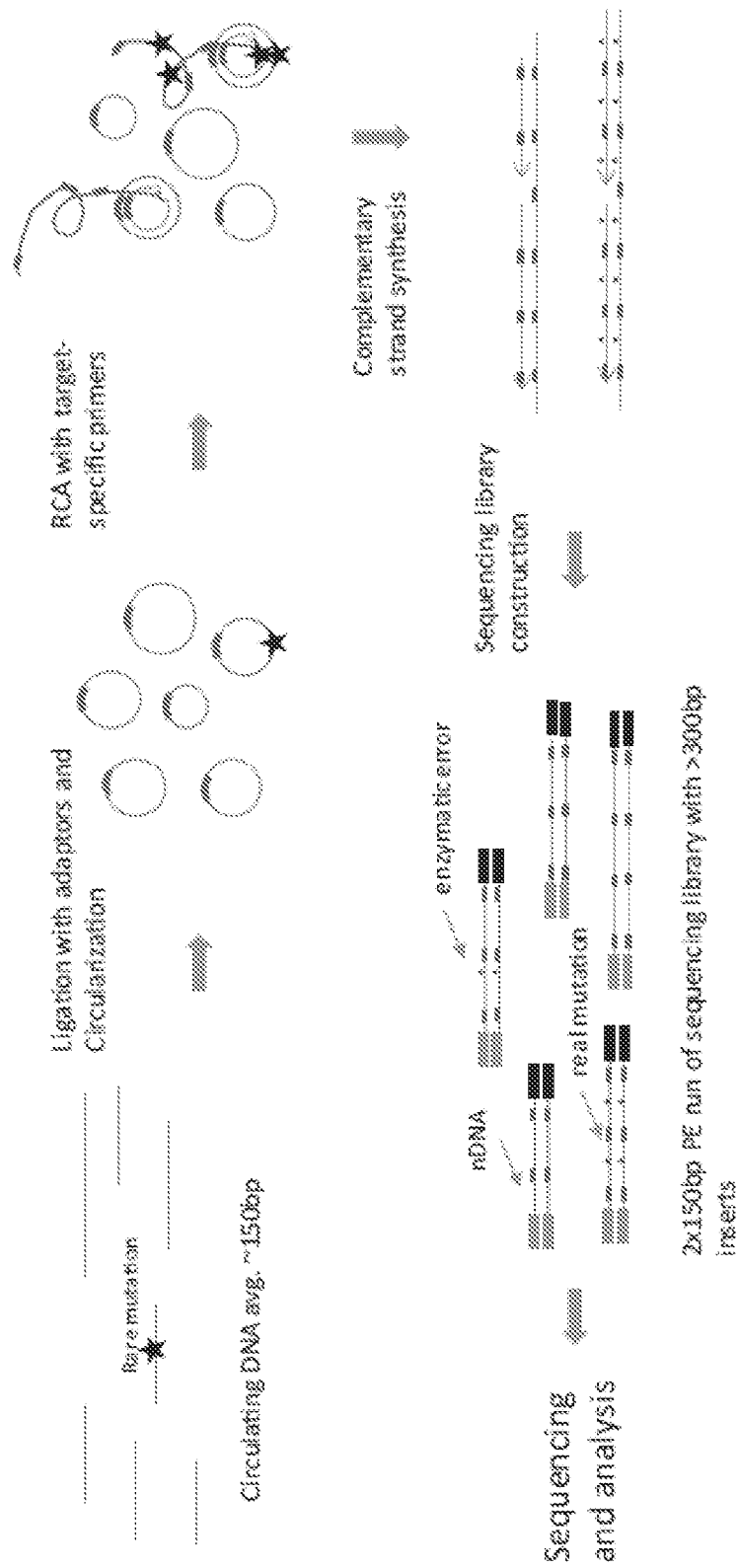


FIG. 2

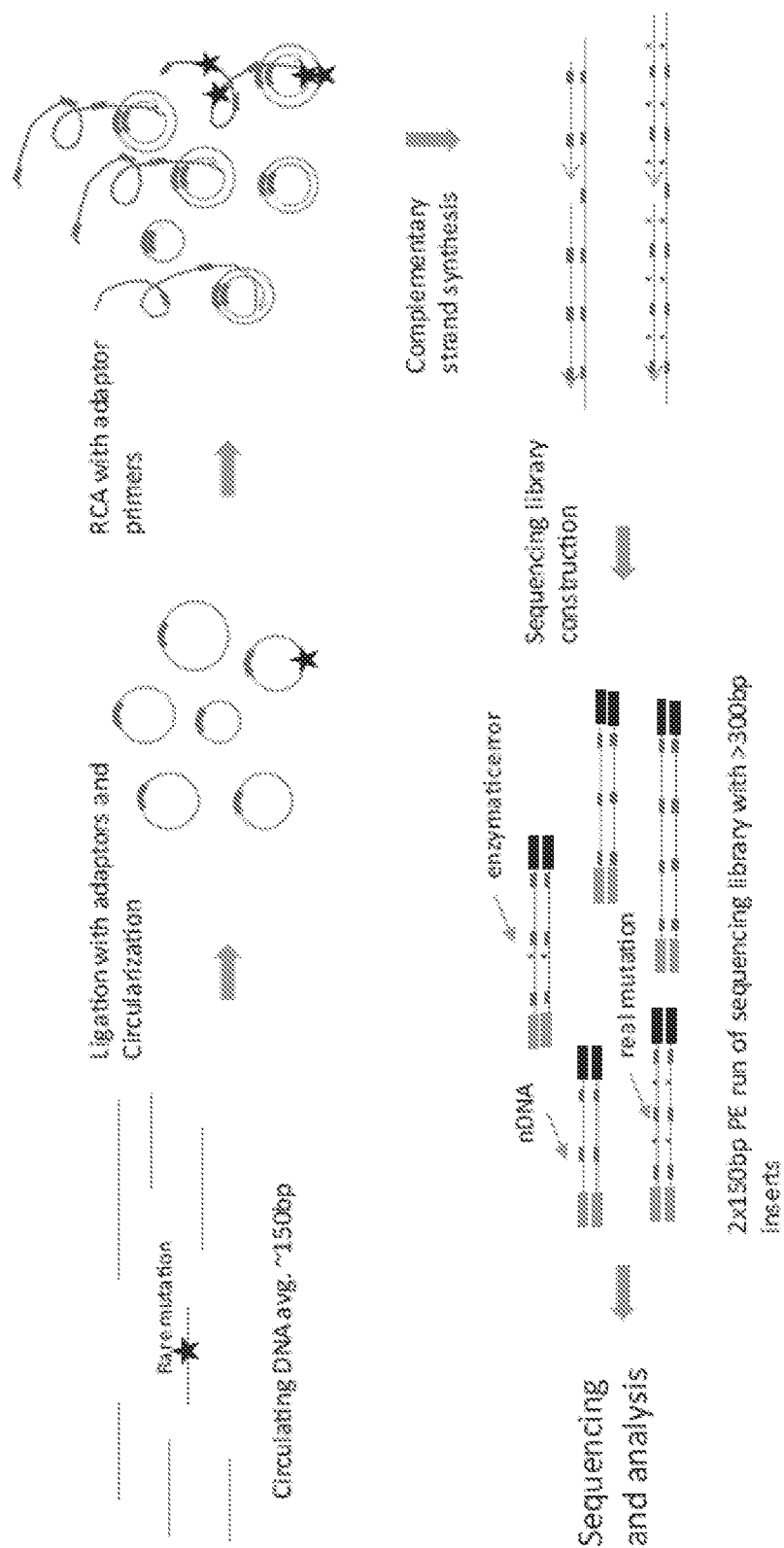


FIG. 3

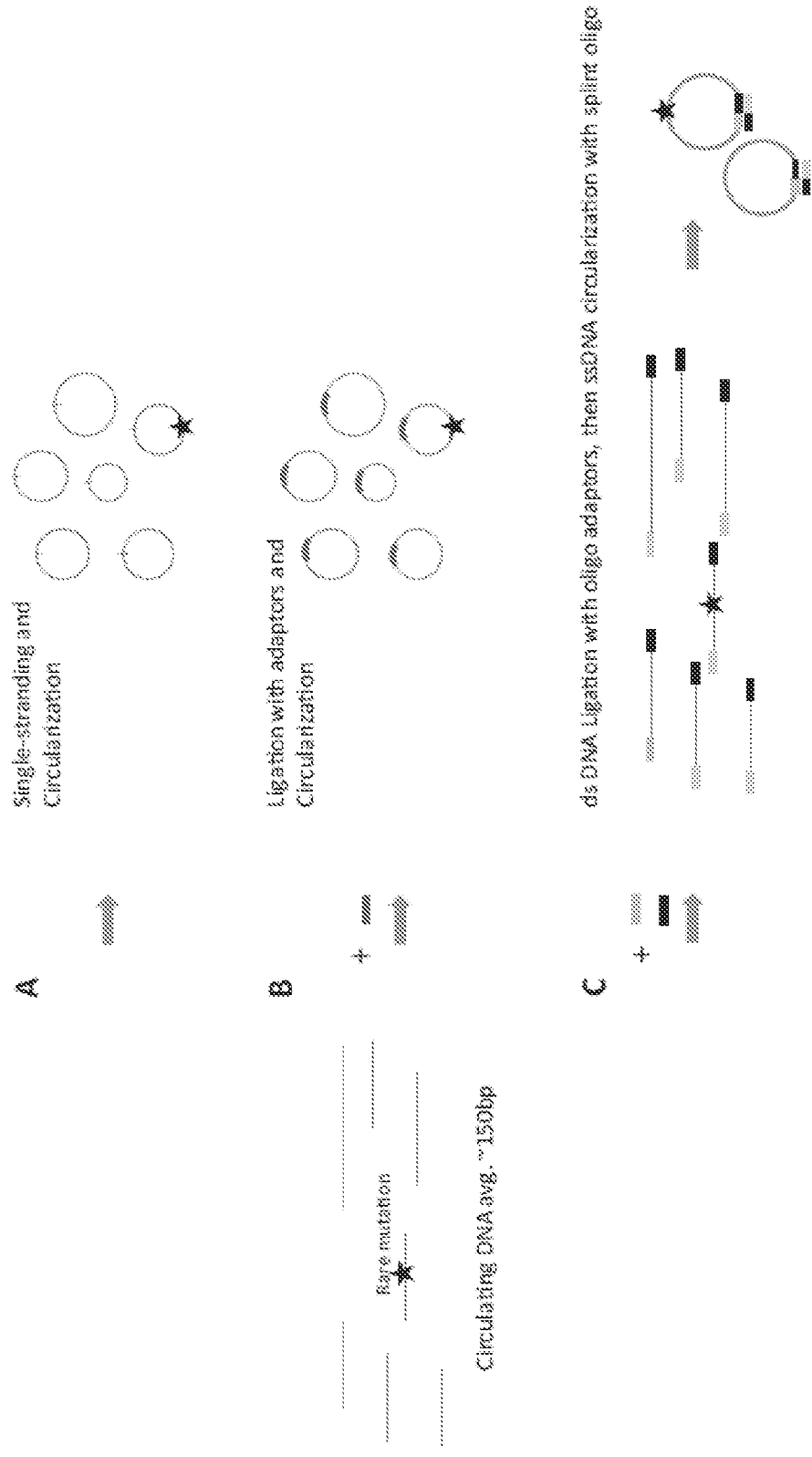
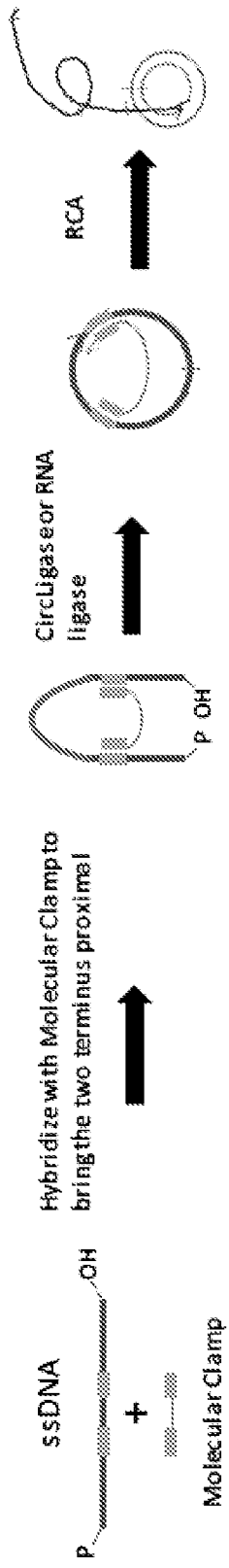


FIG. 4

**FIG. 5**

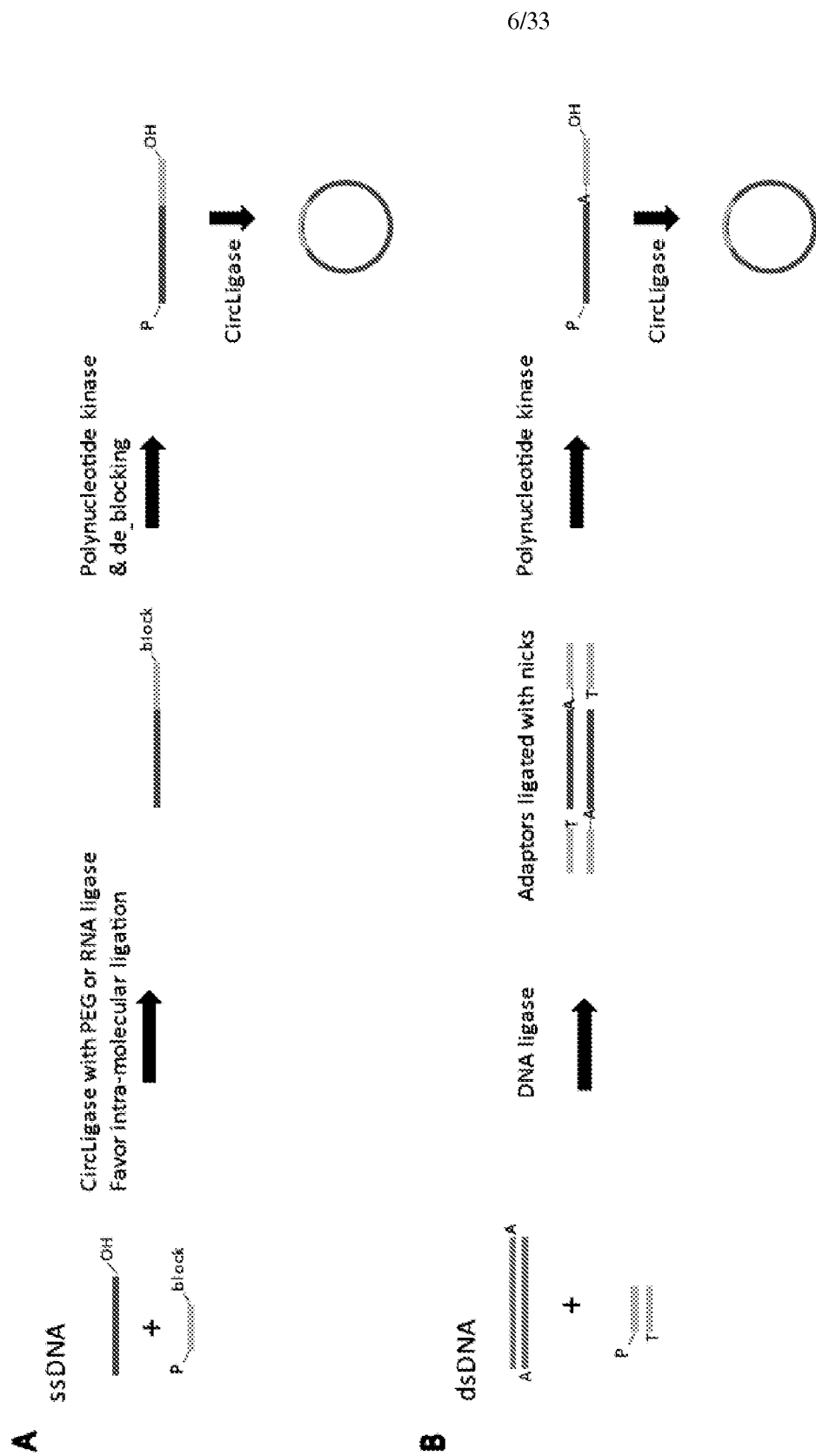
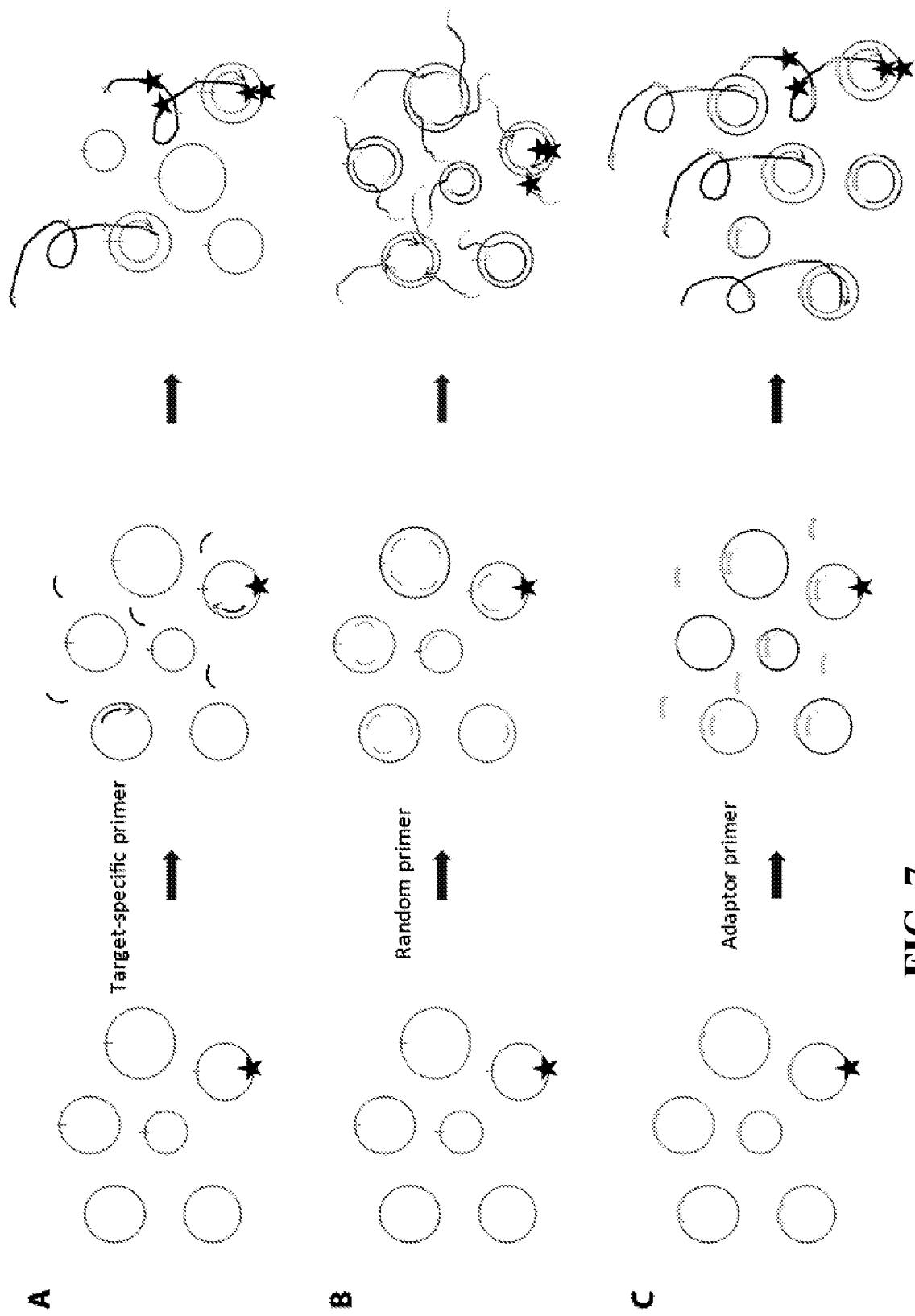
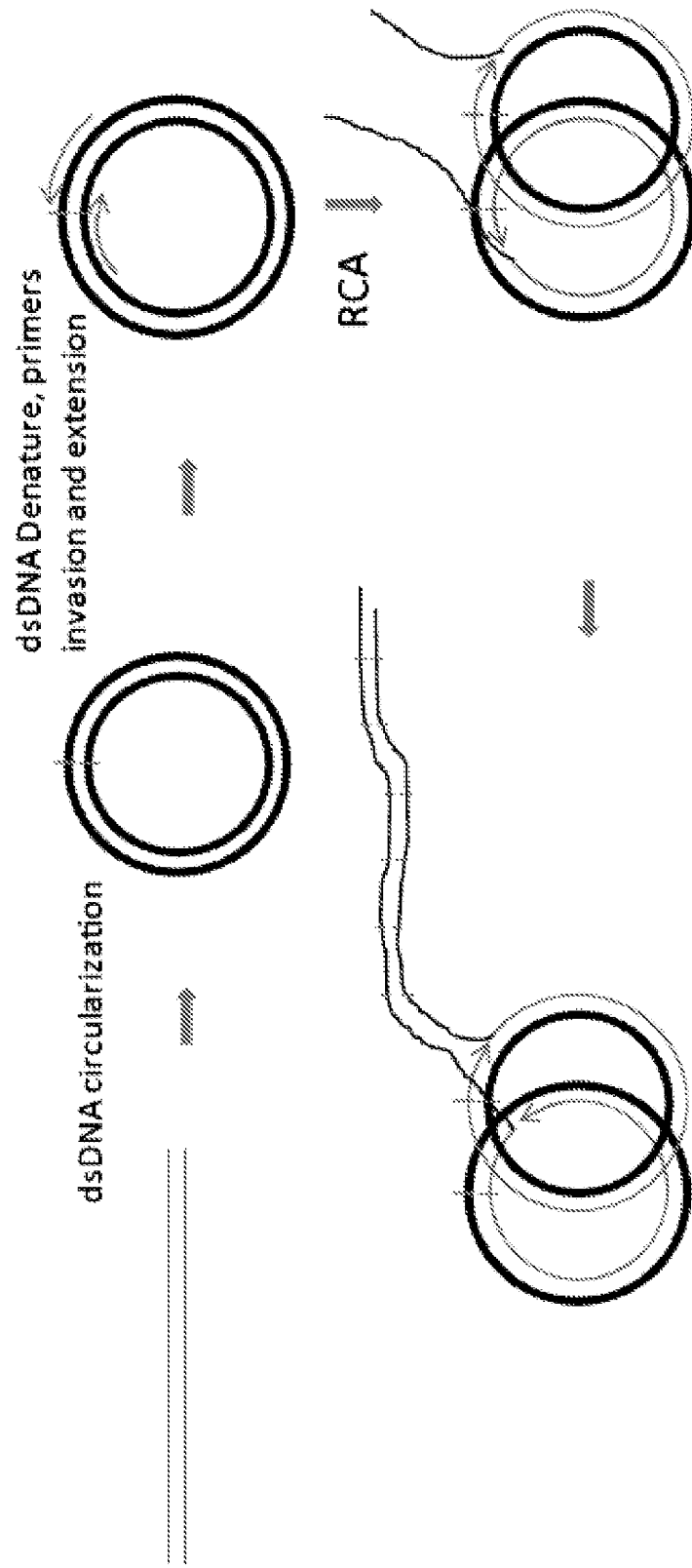


FIG. 6



**FIG. 8**

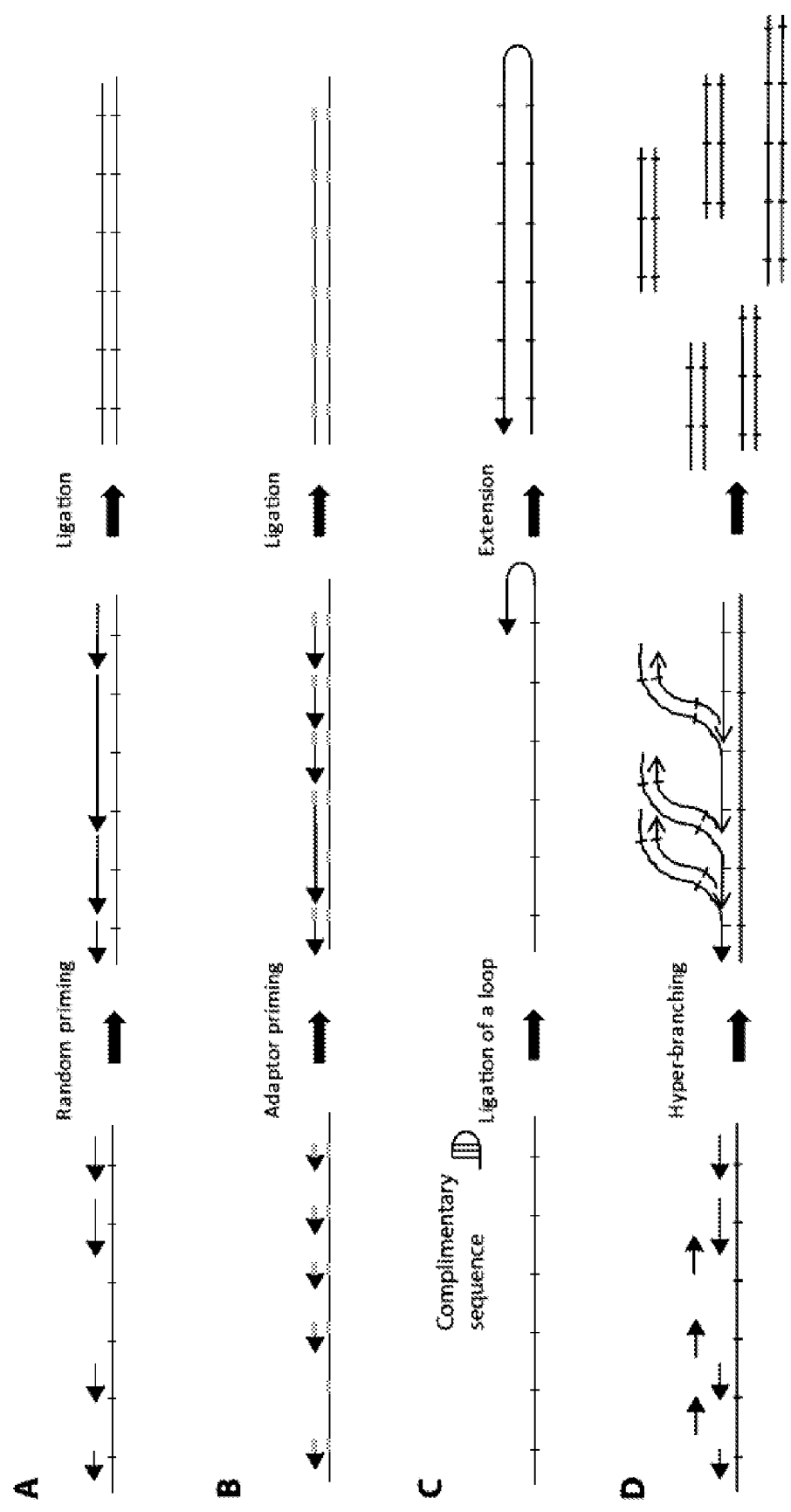
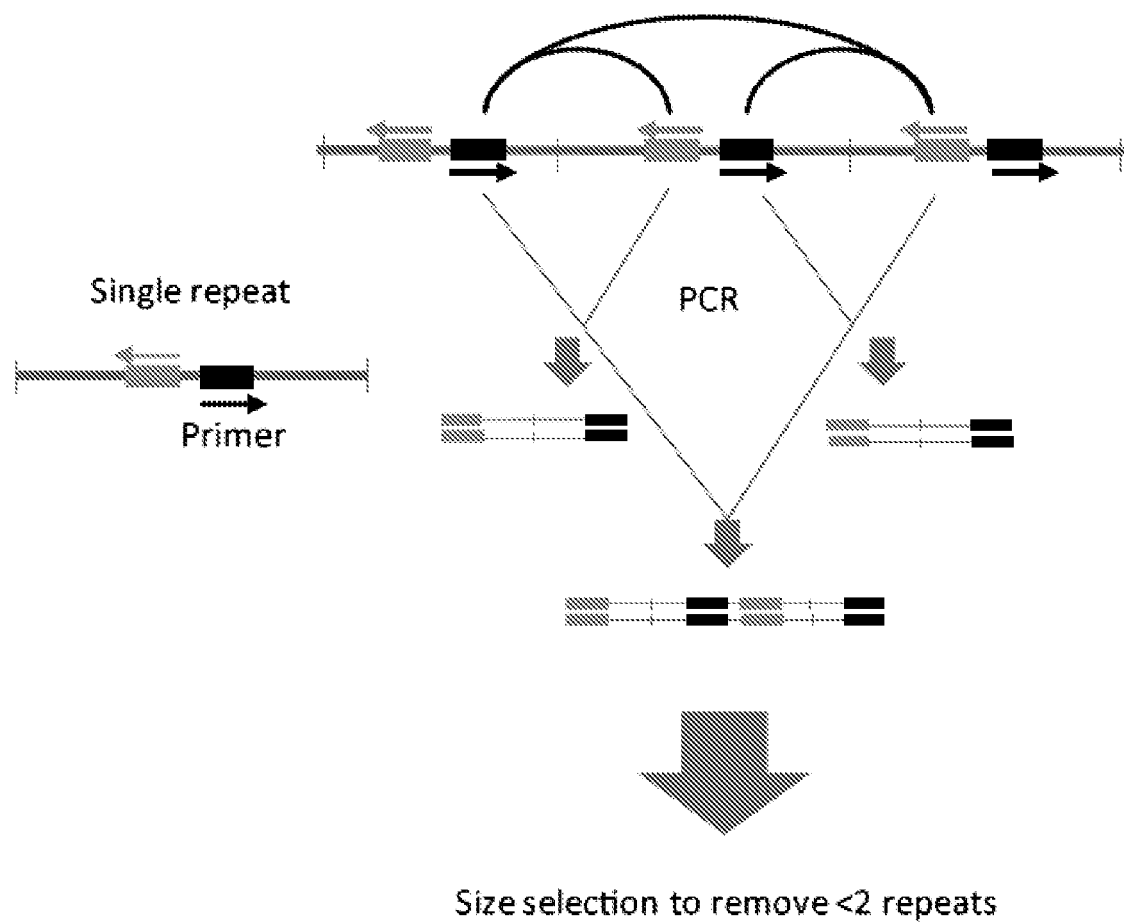


FIG. 9

**FIG. 10**

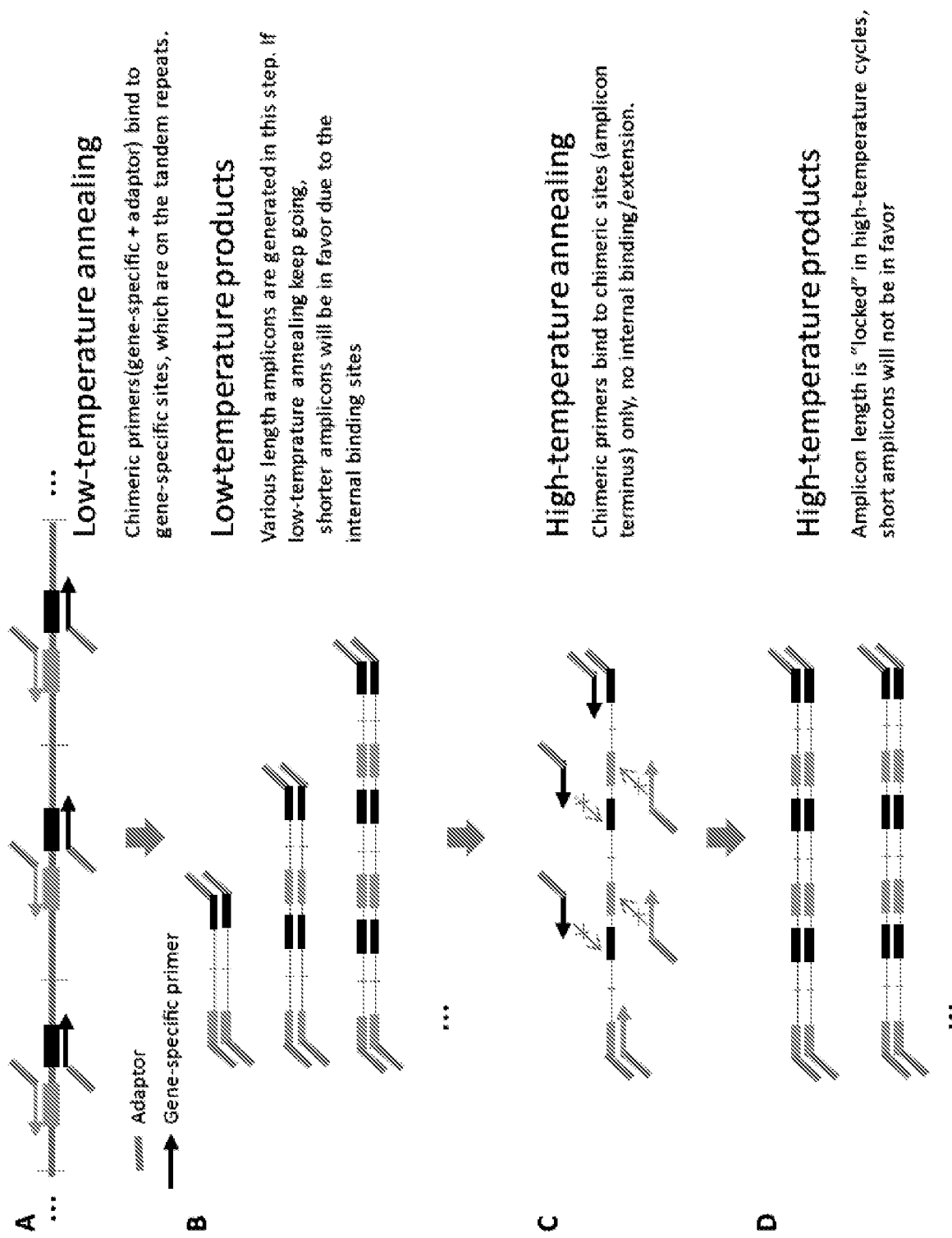


FIG. 11

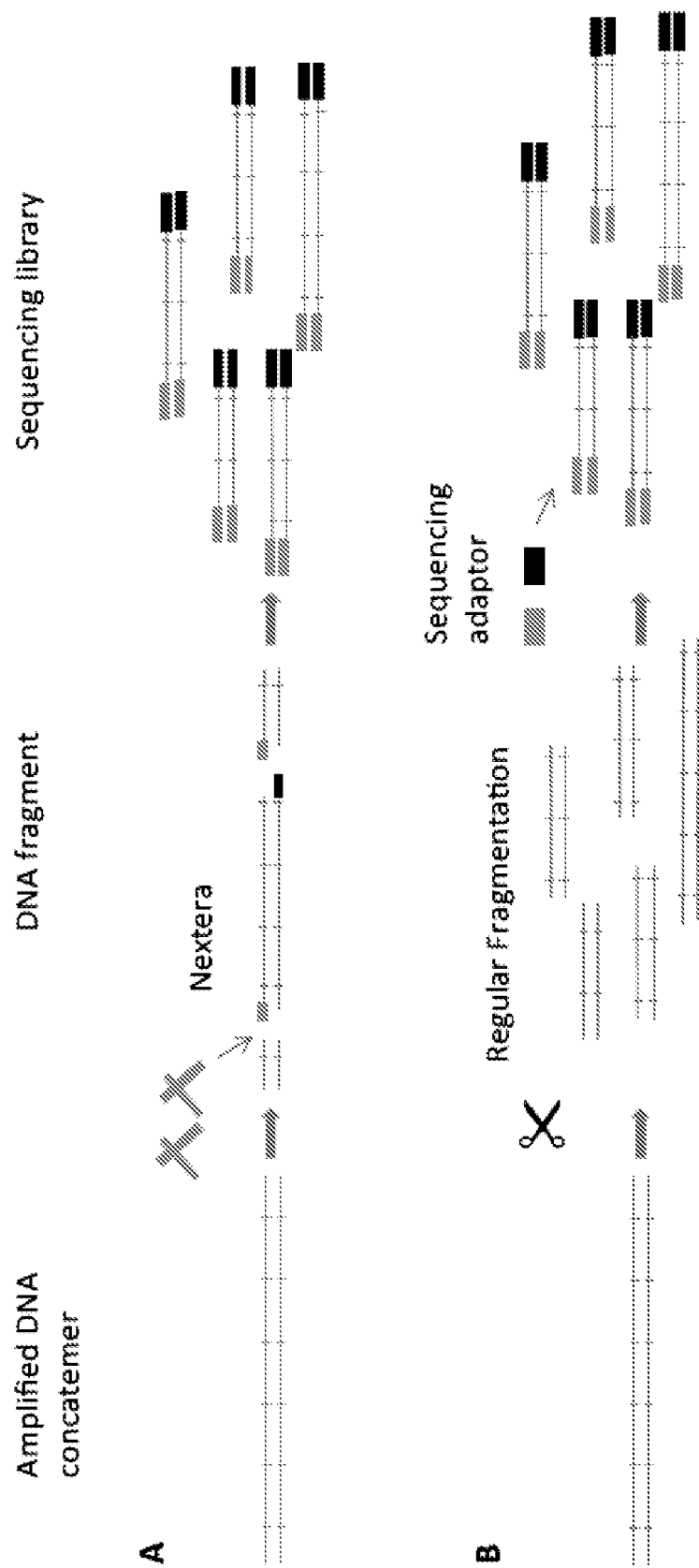


FIG. 12

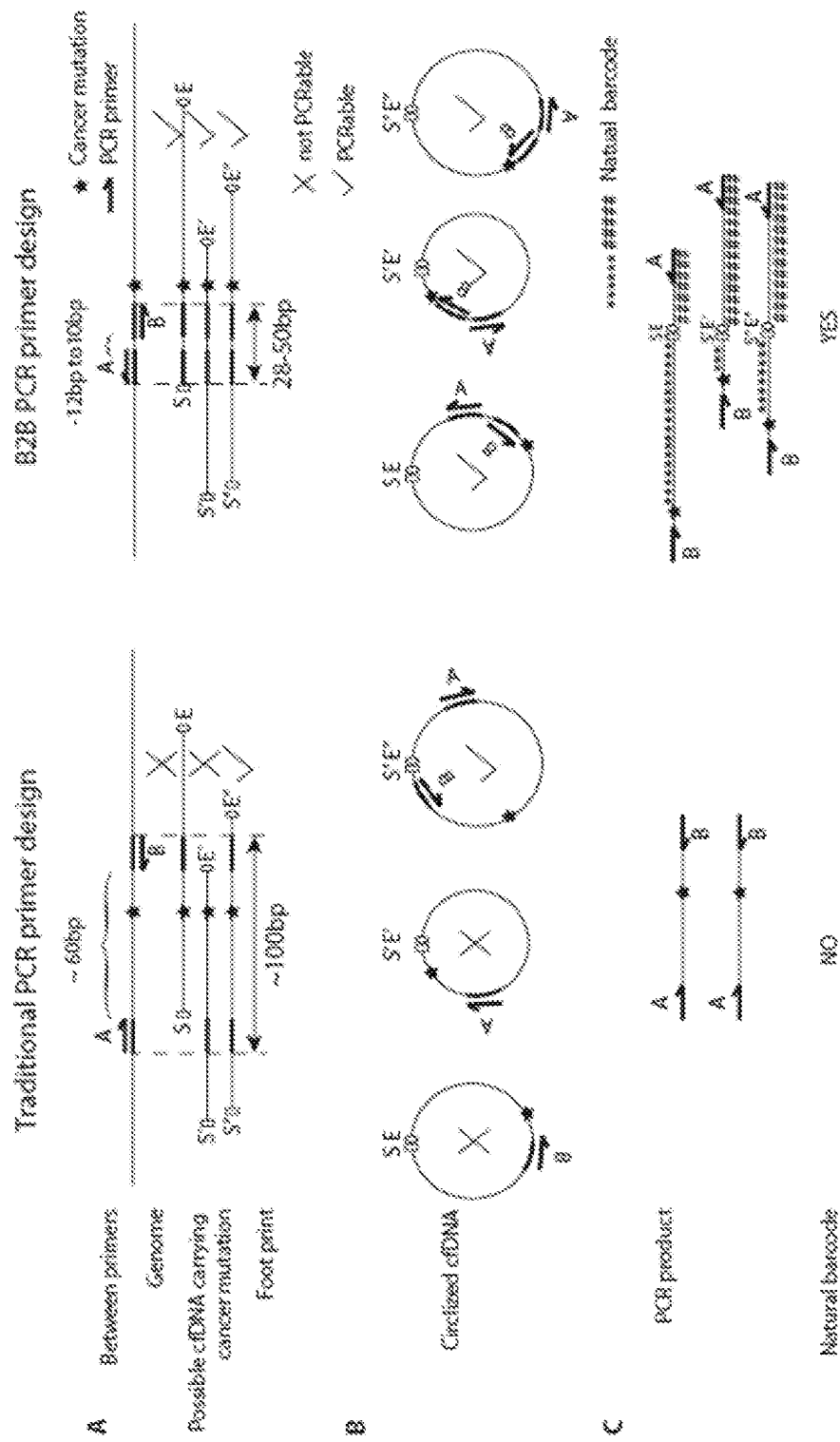


FIG. 13

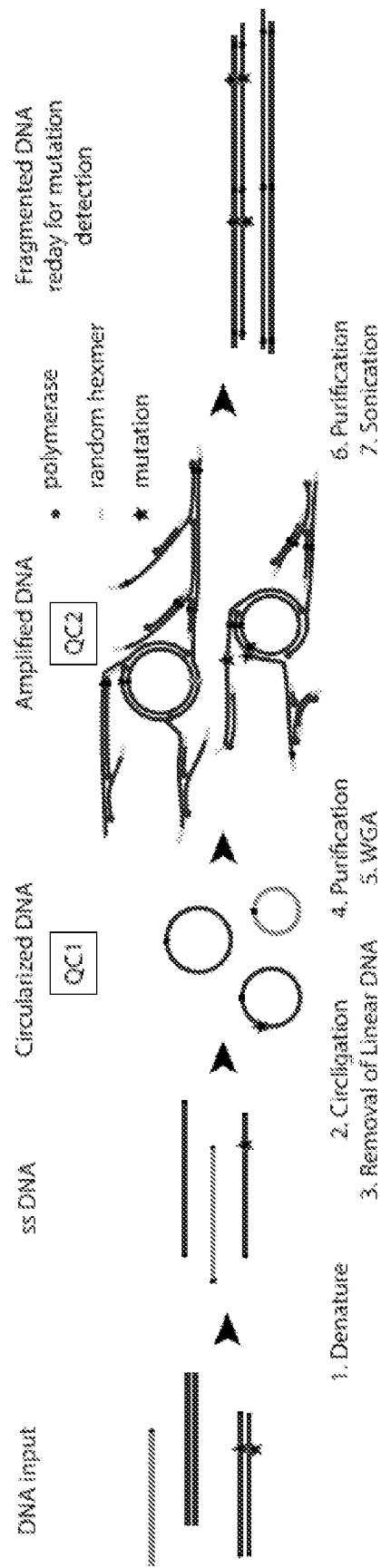


FIG. 14

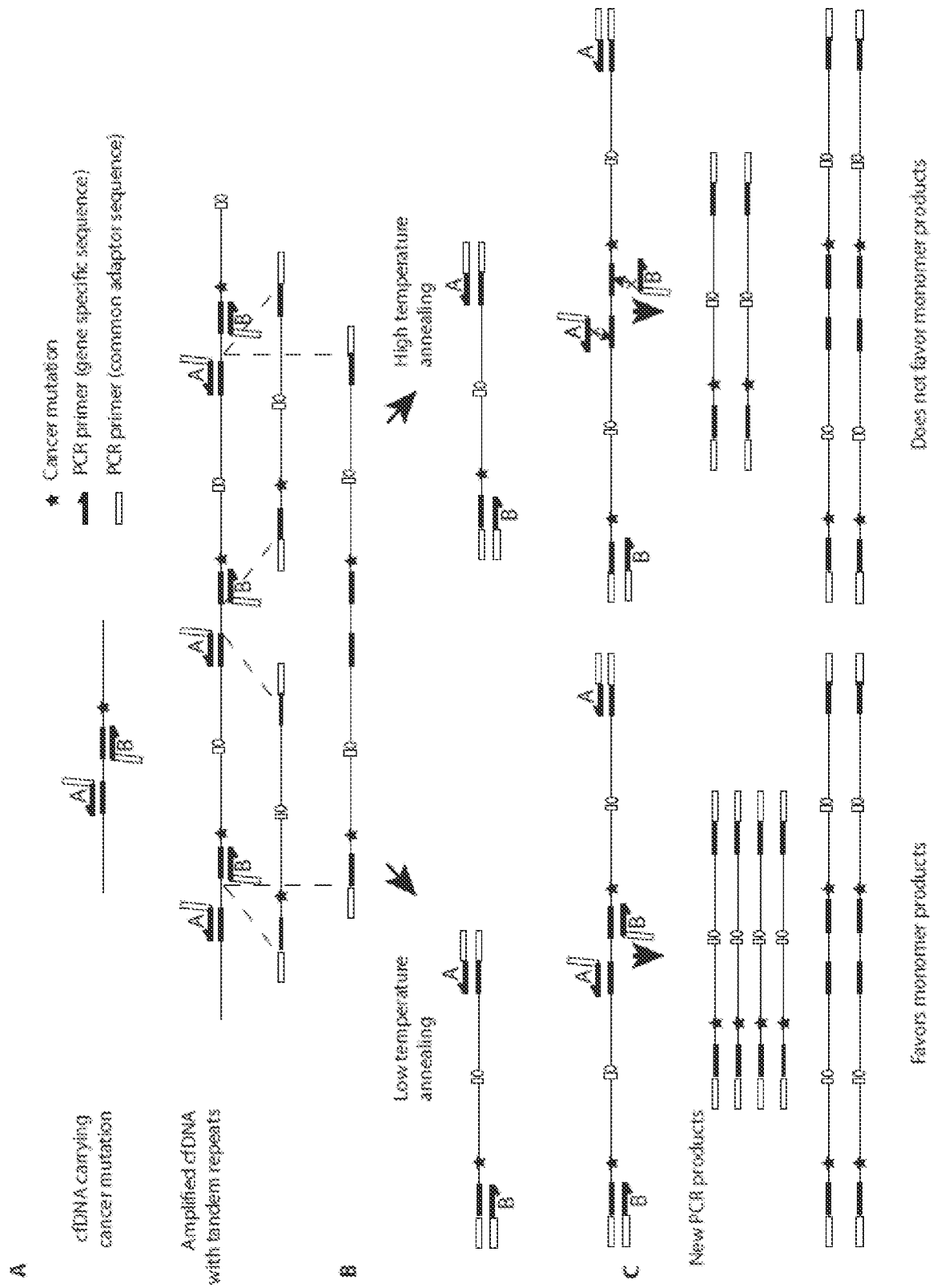


FIG. 15

FIG. 16

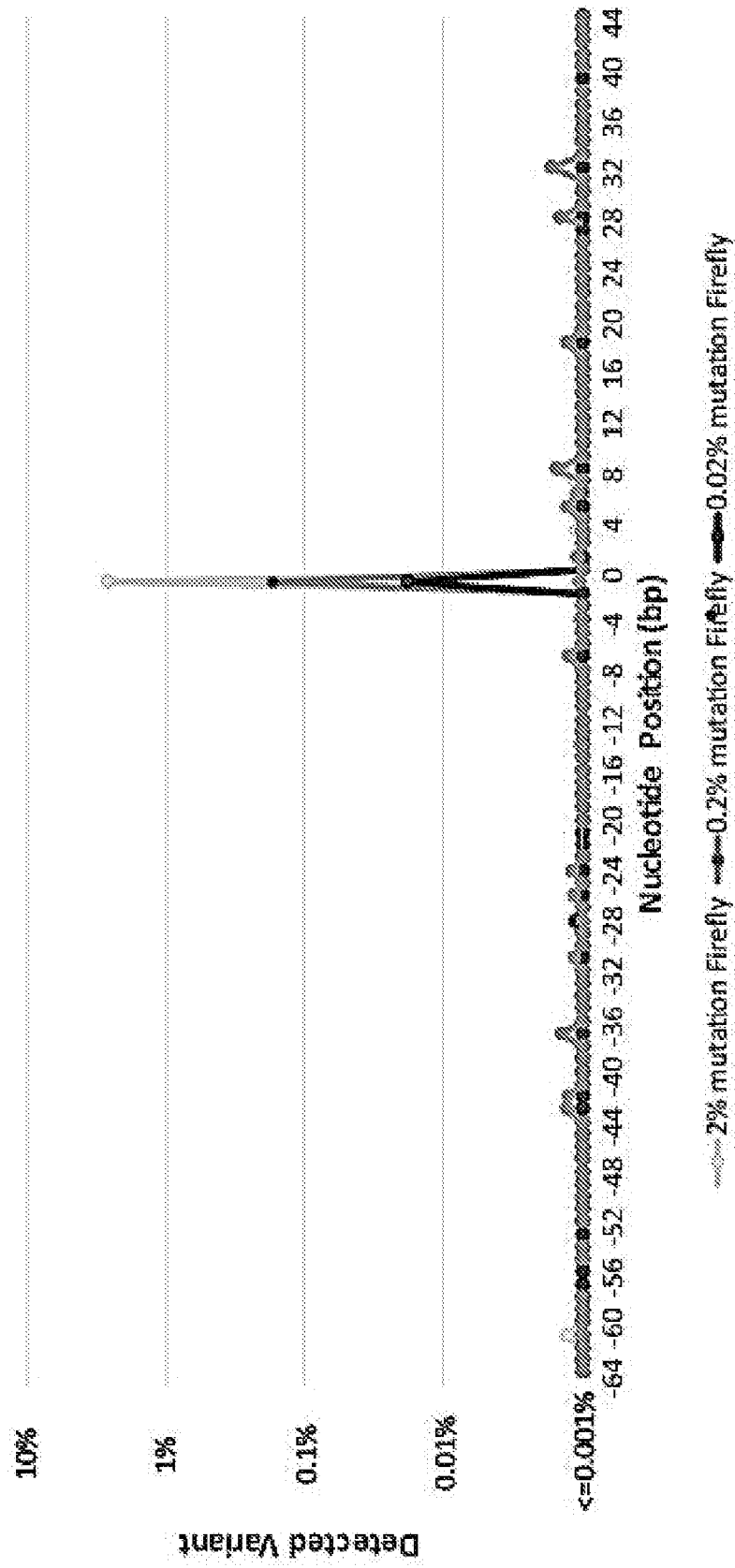
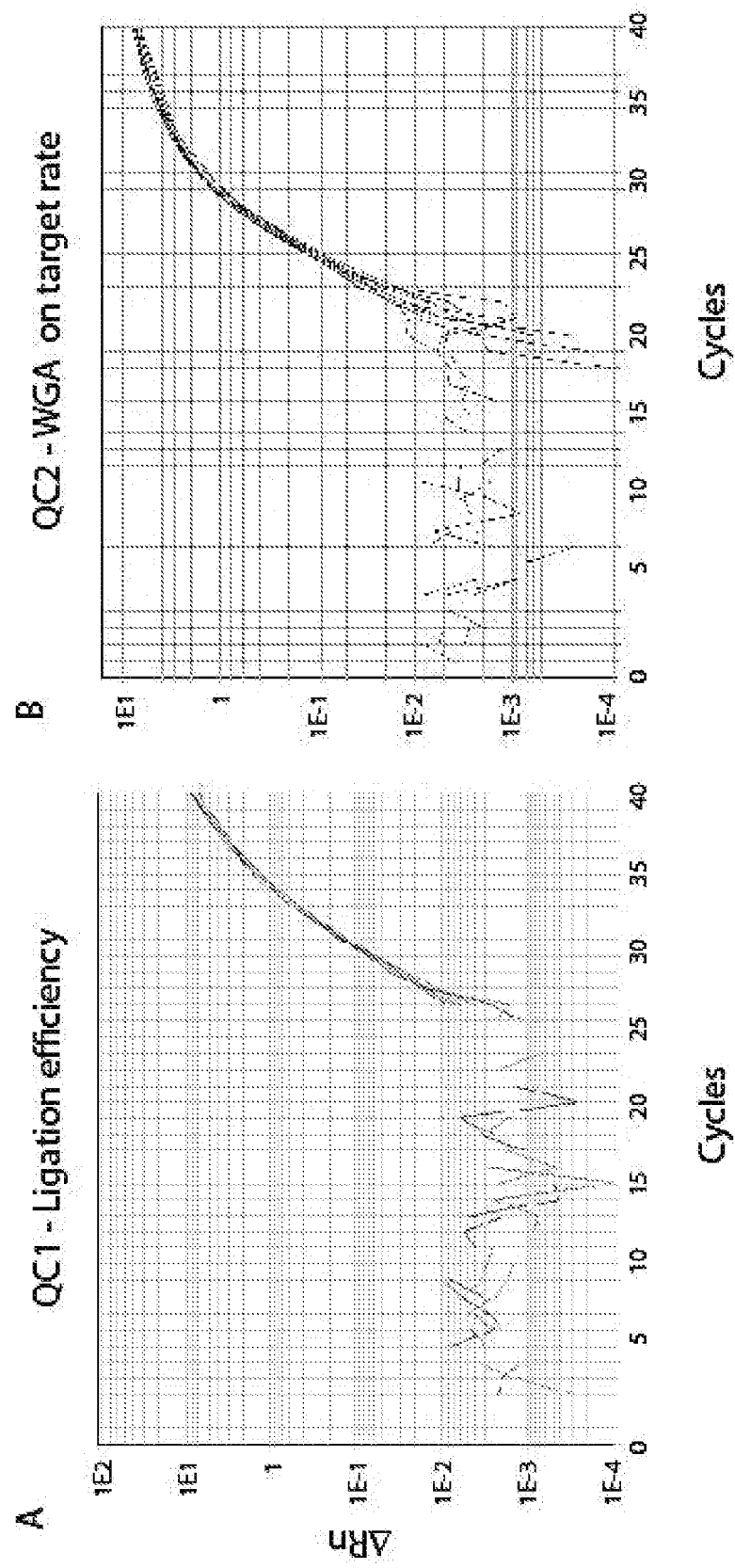
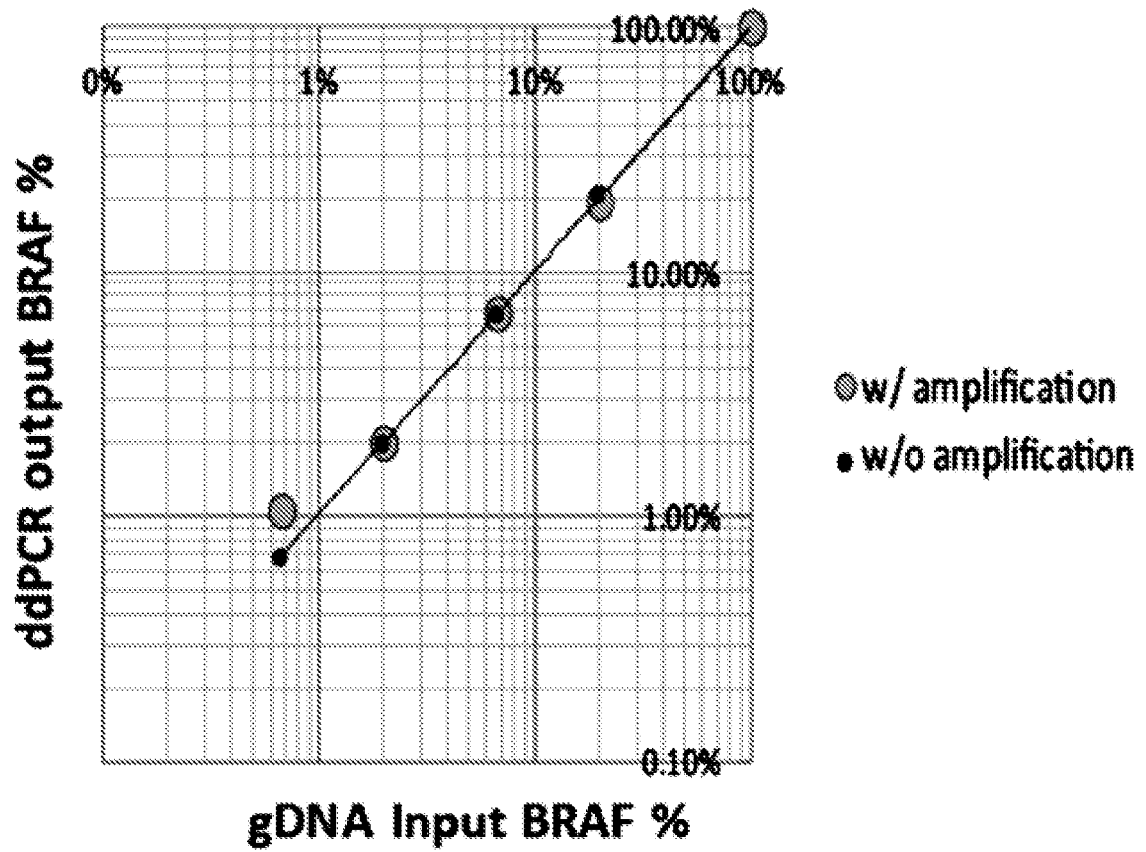


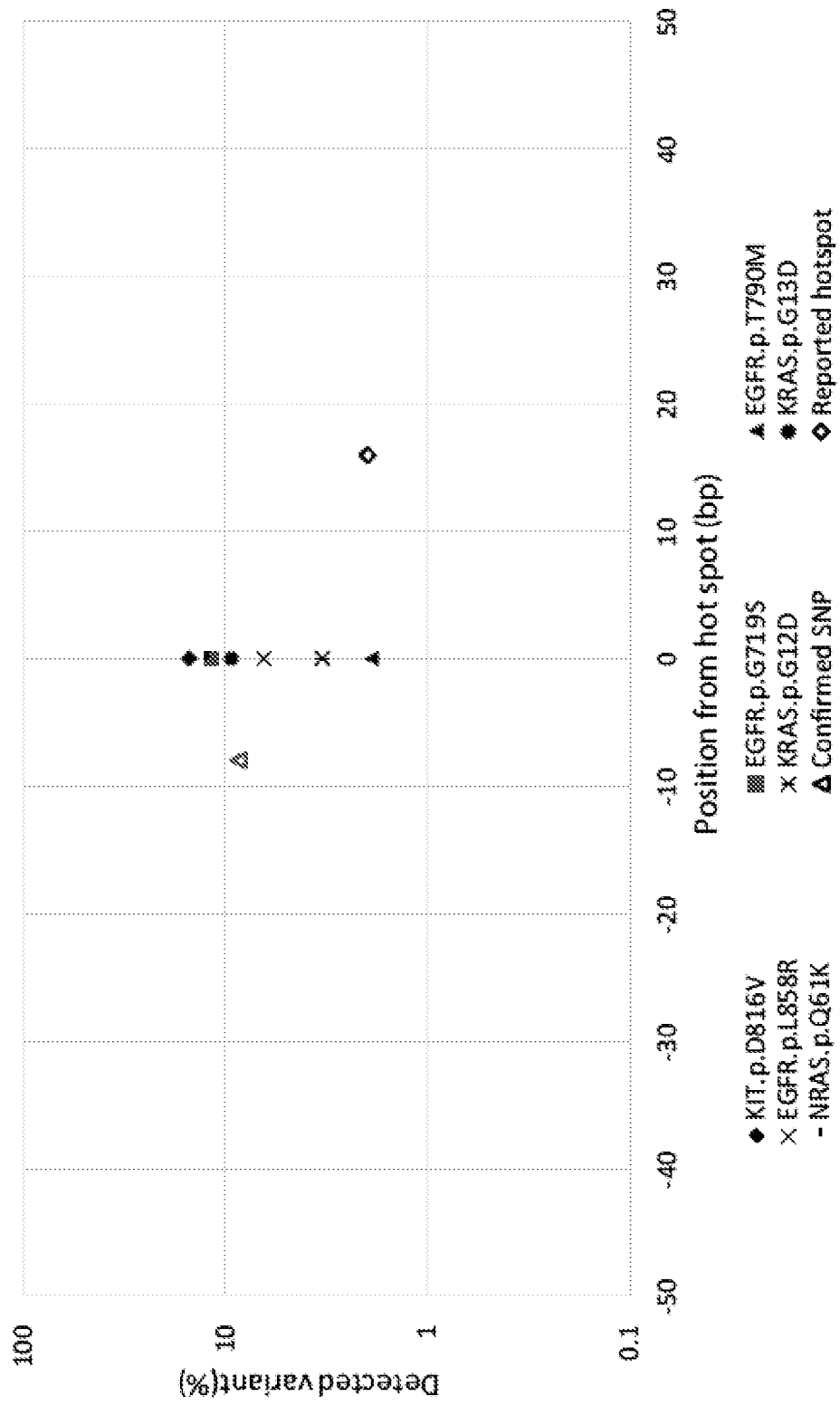
FIG. 17

**FIG. 18**



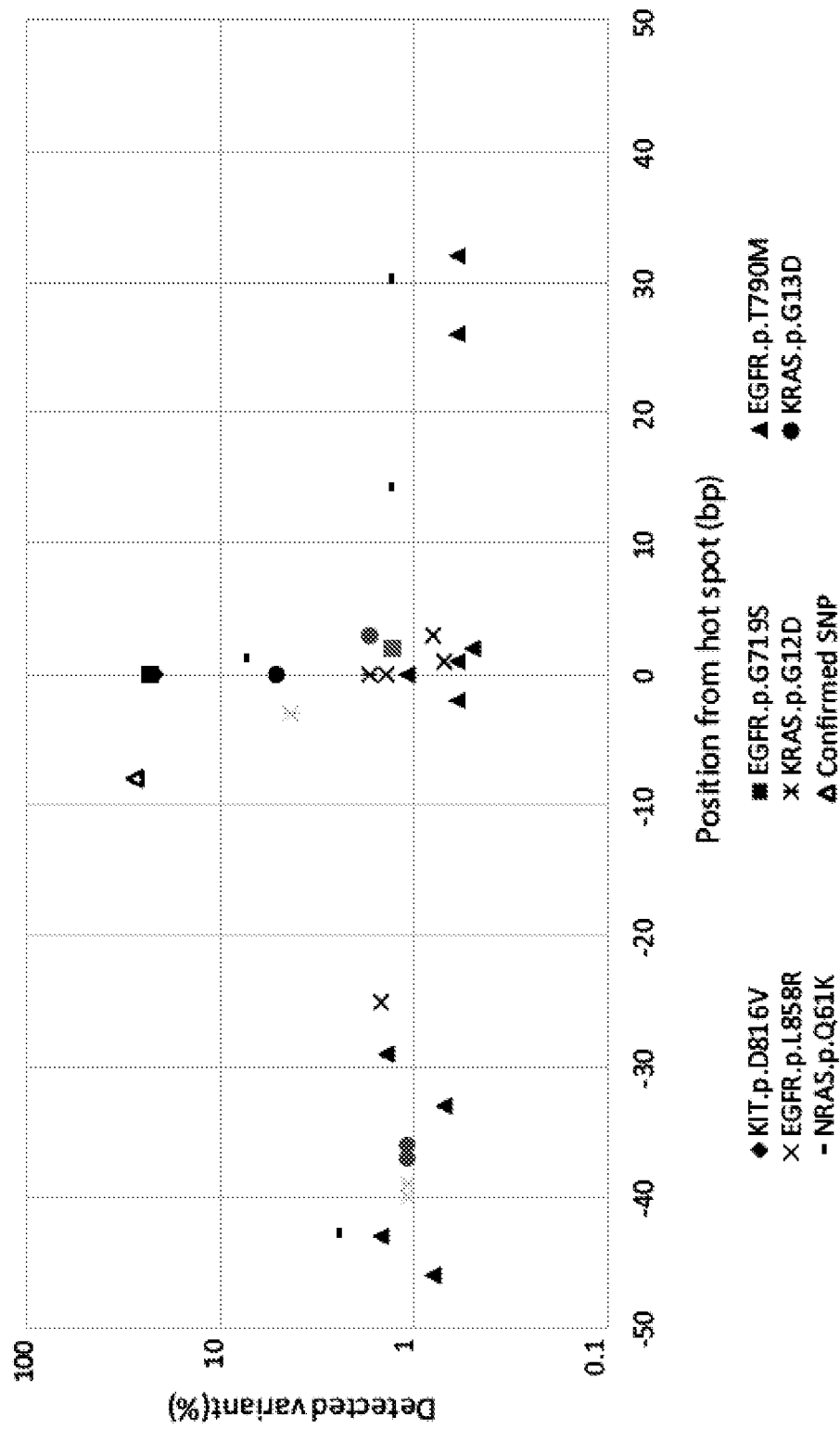
Expected %	0%	0.67%	2.00%	6.67%	20.00%	100%
w/ Amplification	0%	1.07%	2.04%	6.77%	19.41%	100%
w/o Amplification		0.66%	1.97%	6.67%	20.26%	

FIG. 19



Variant mapping of Firefly Q60, +/- 50bp from reference hotspots

FIG. 20



Variant mapping of Rubicon Q30, +/- 50bp from reference hotspots

FIG. 21

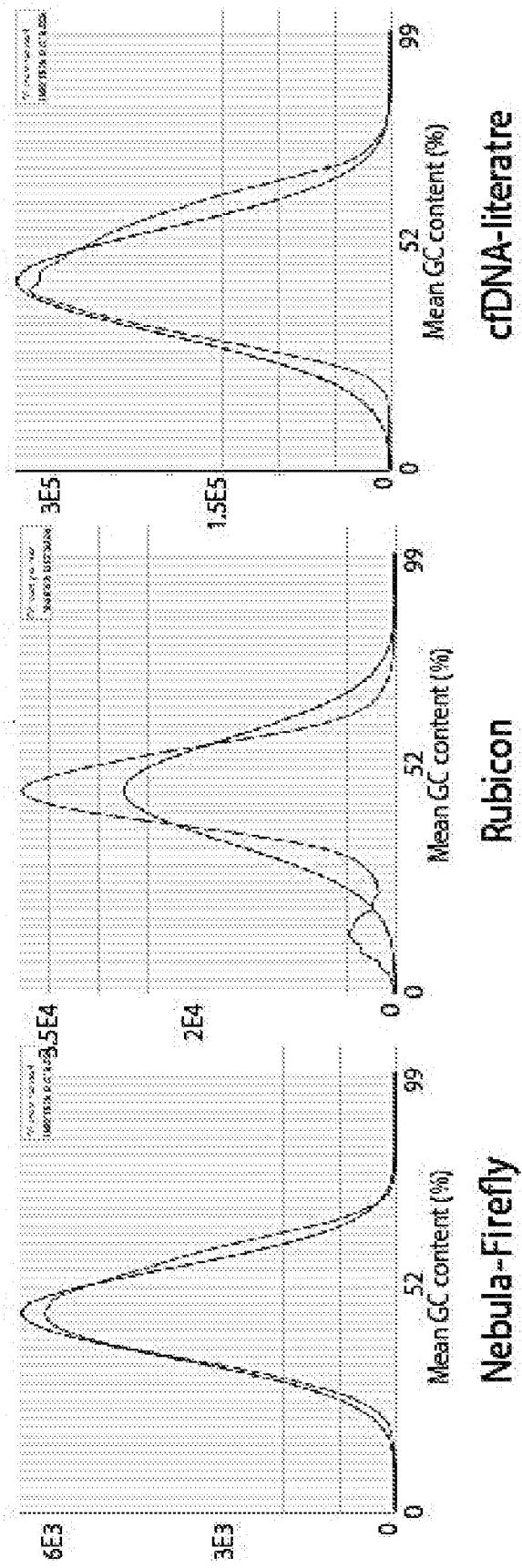
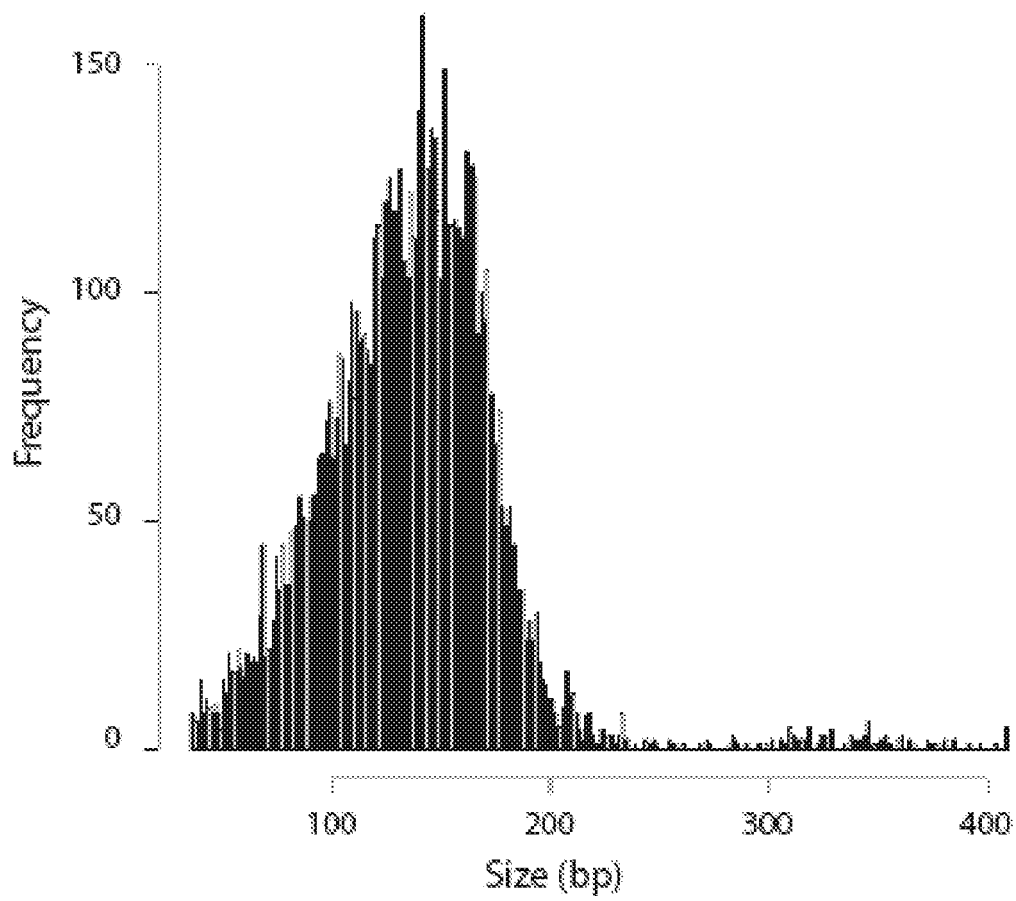
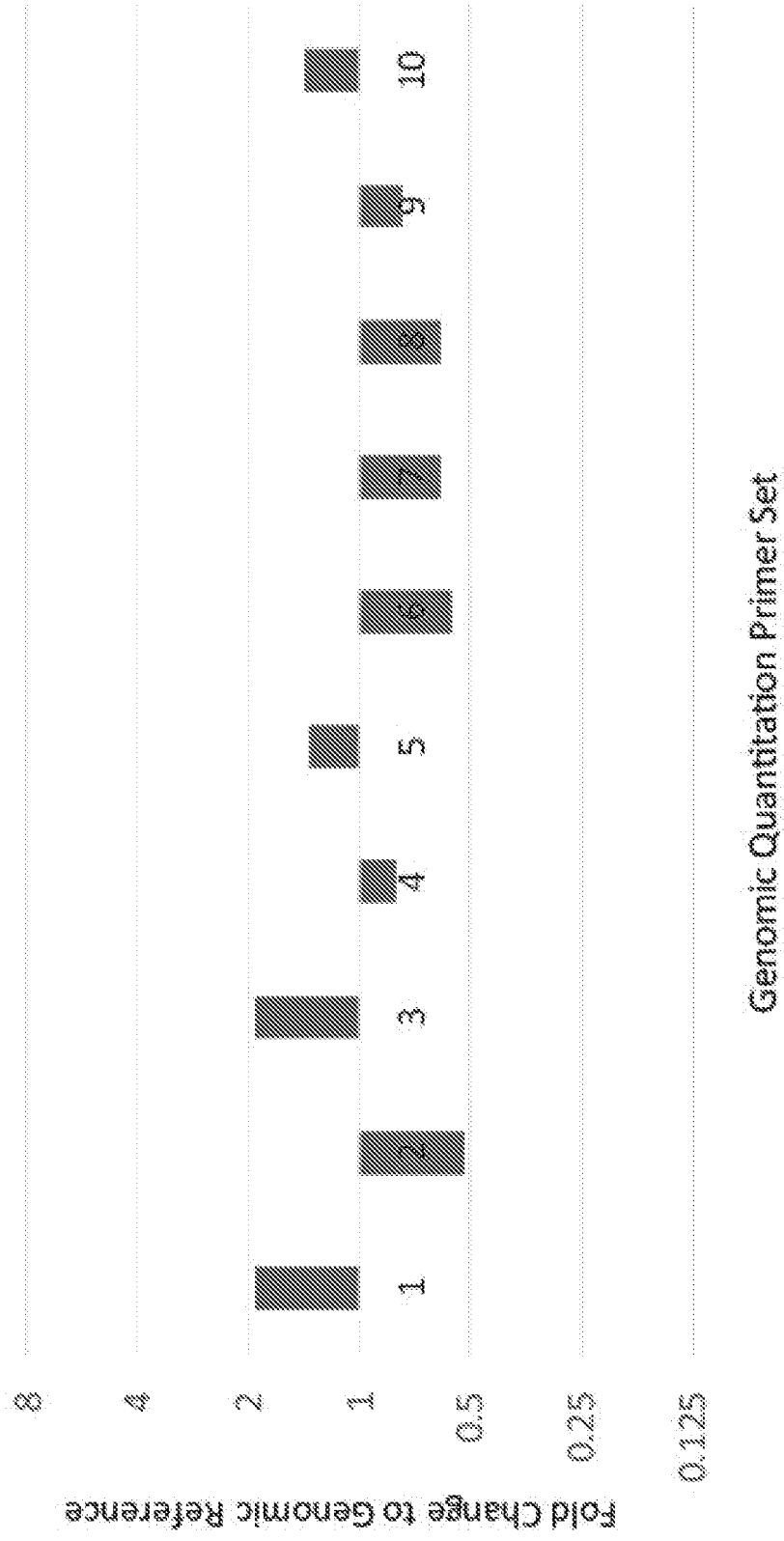


FIG. 22

**FIG. 23**

**FIG. 24**

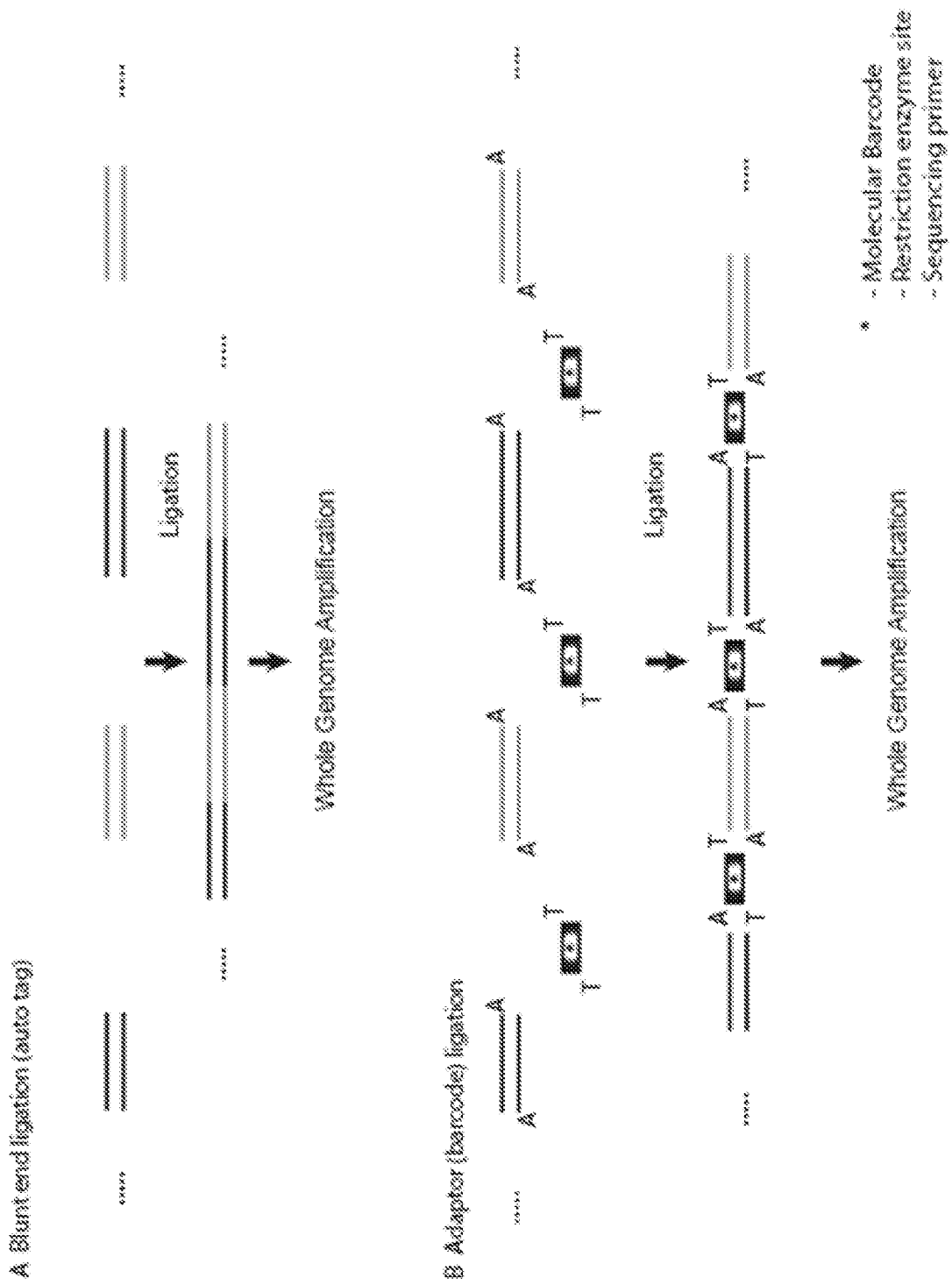


FIG. 25

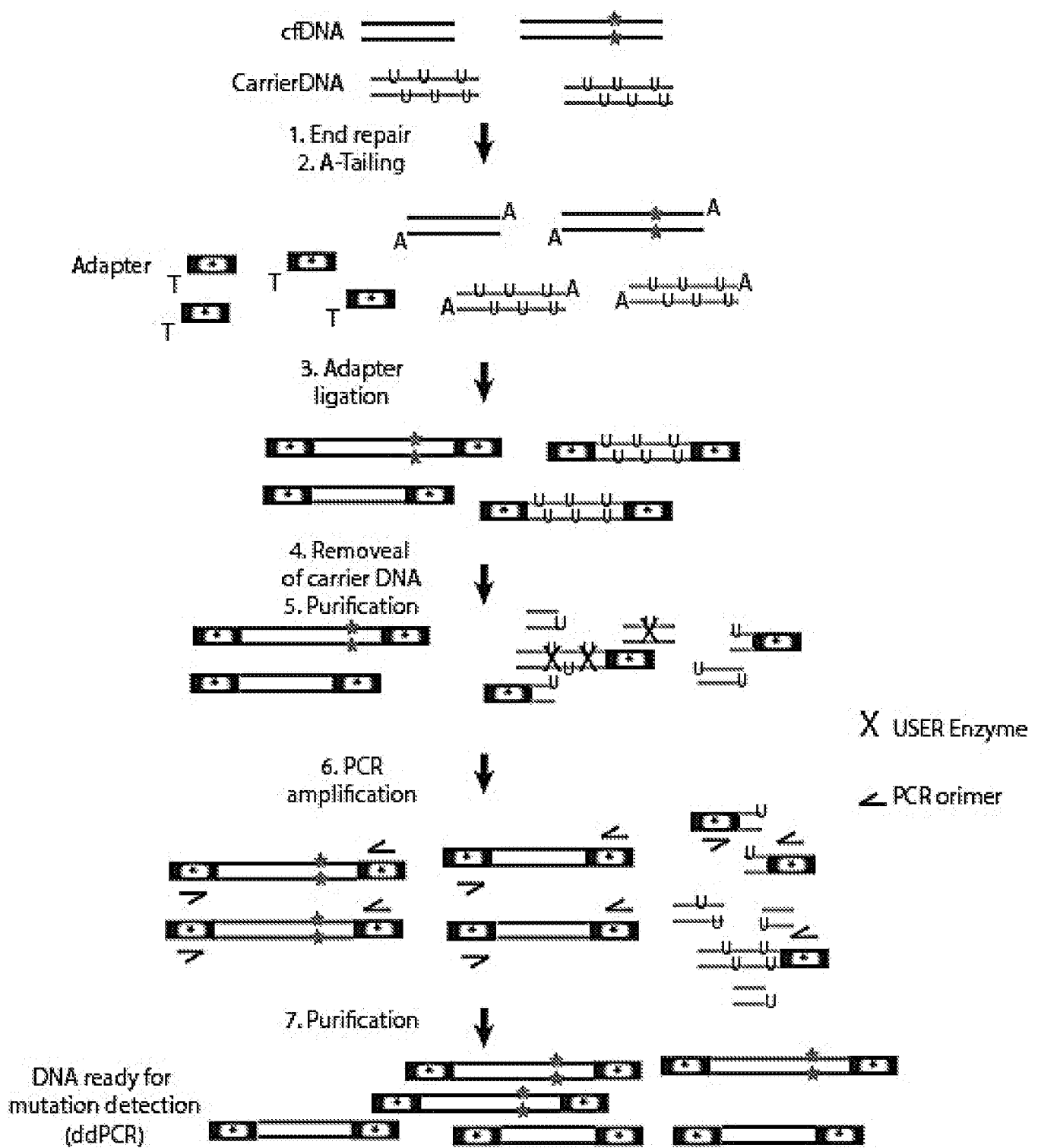
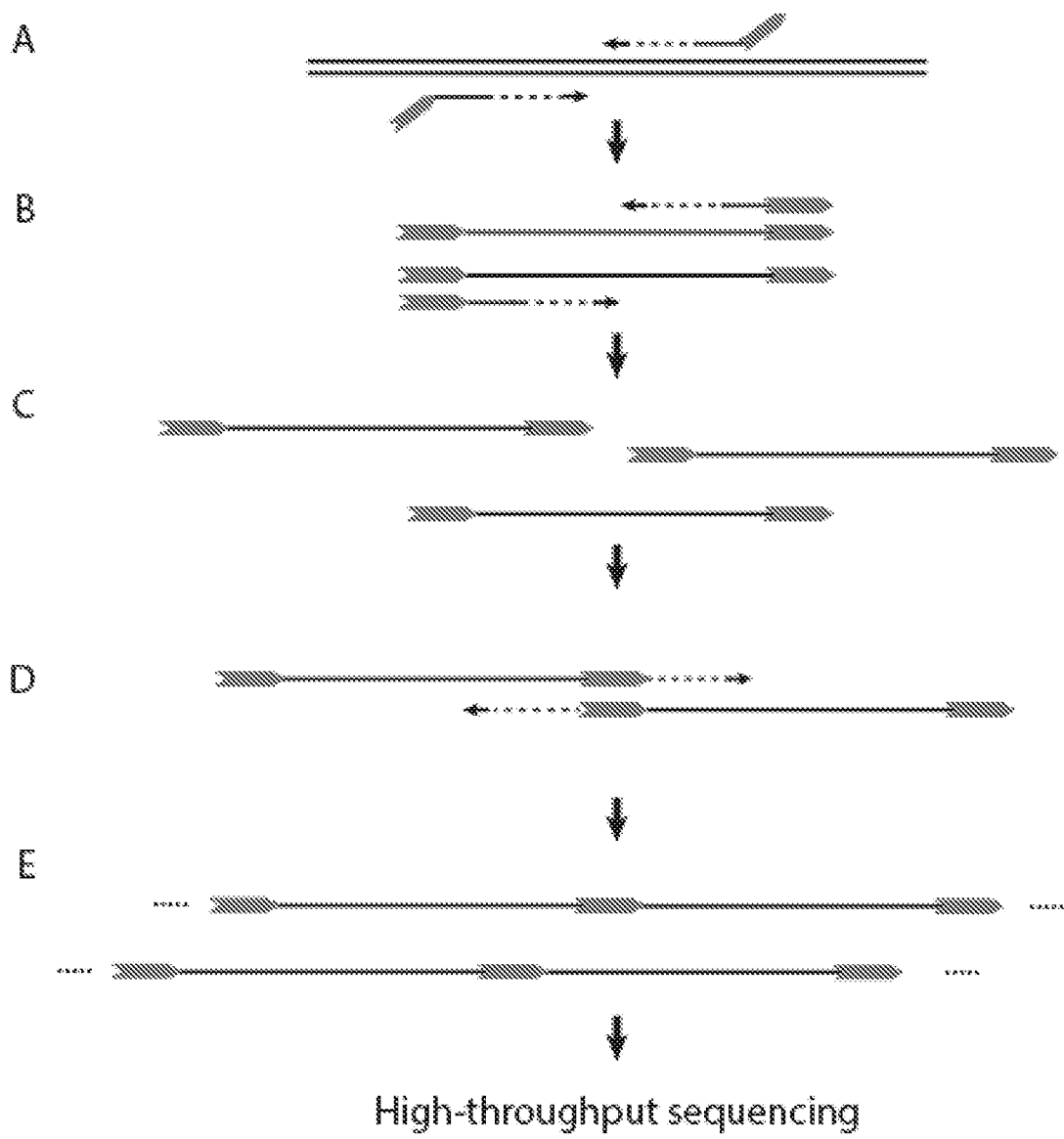


FIG. 26

**FIG. 27**

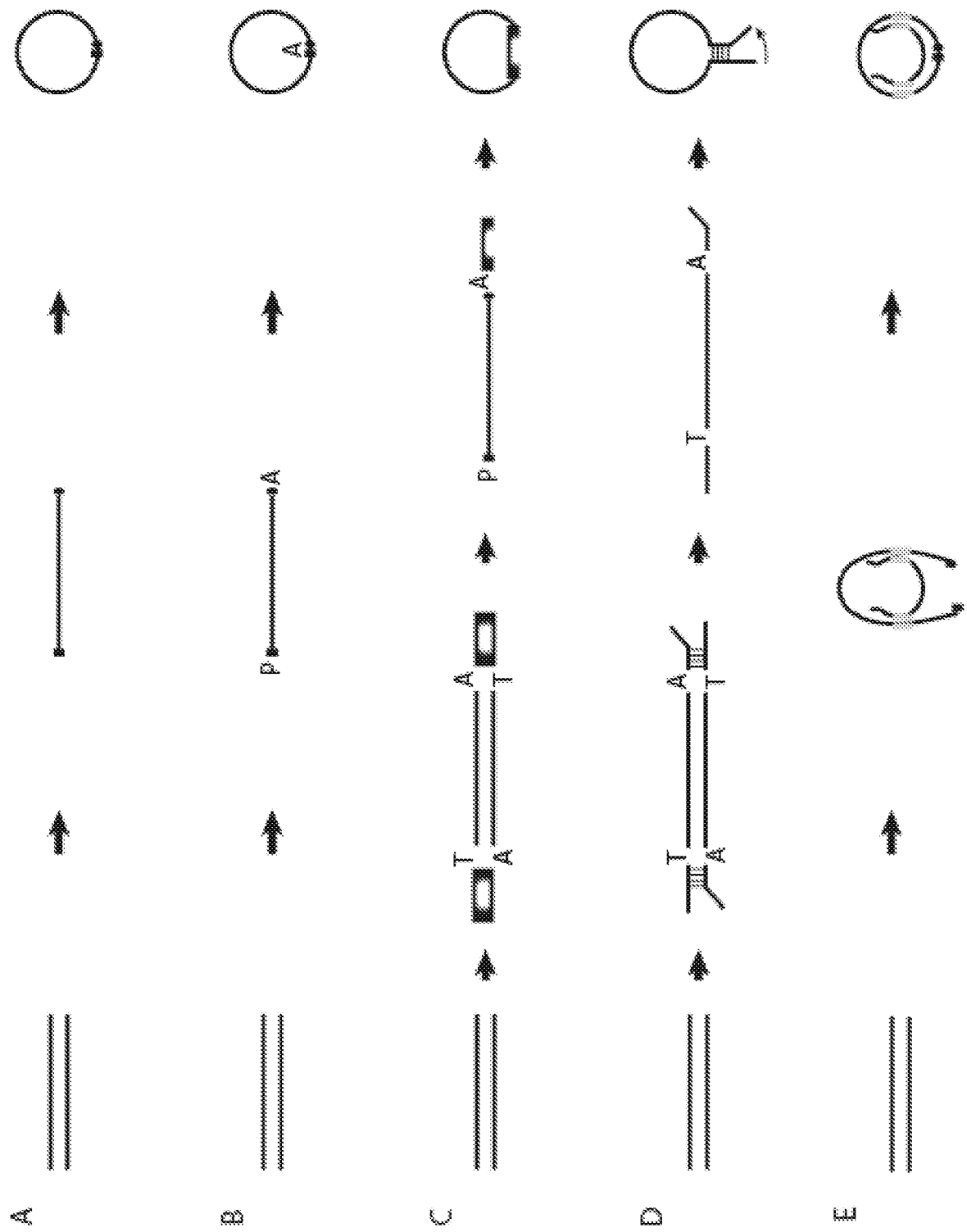
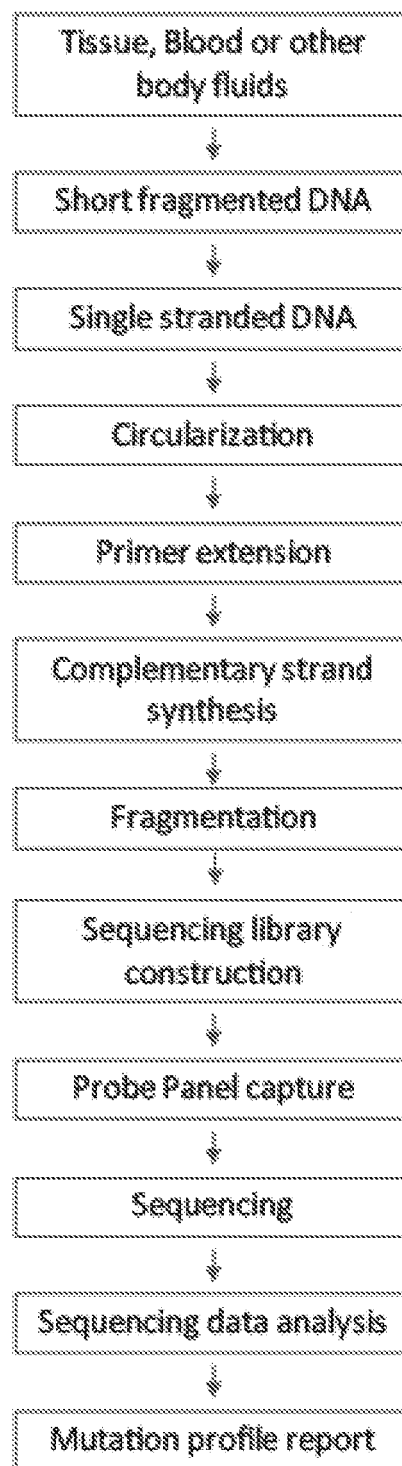
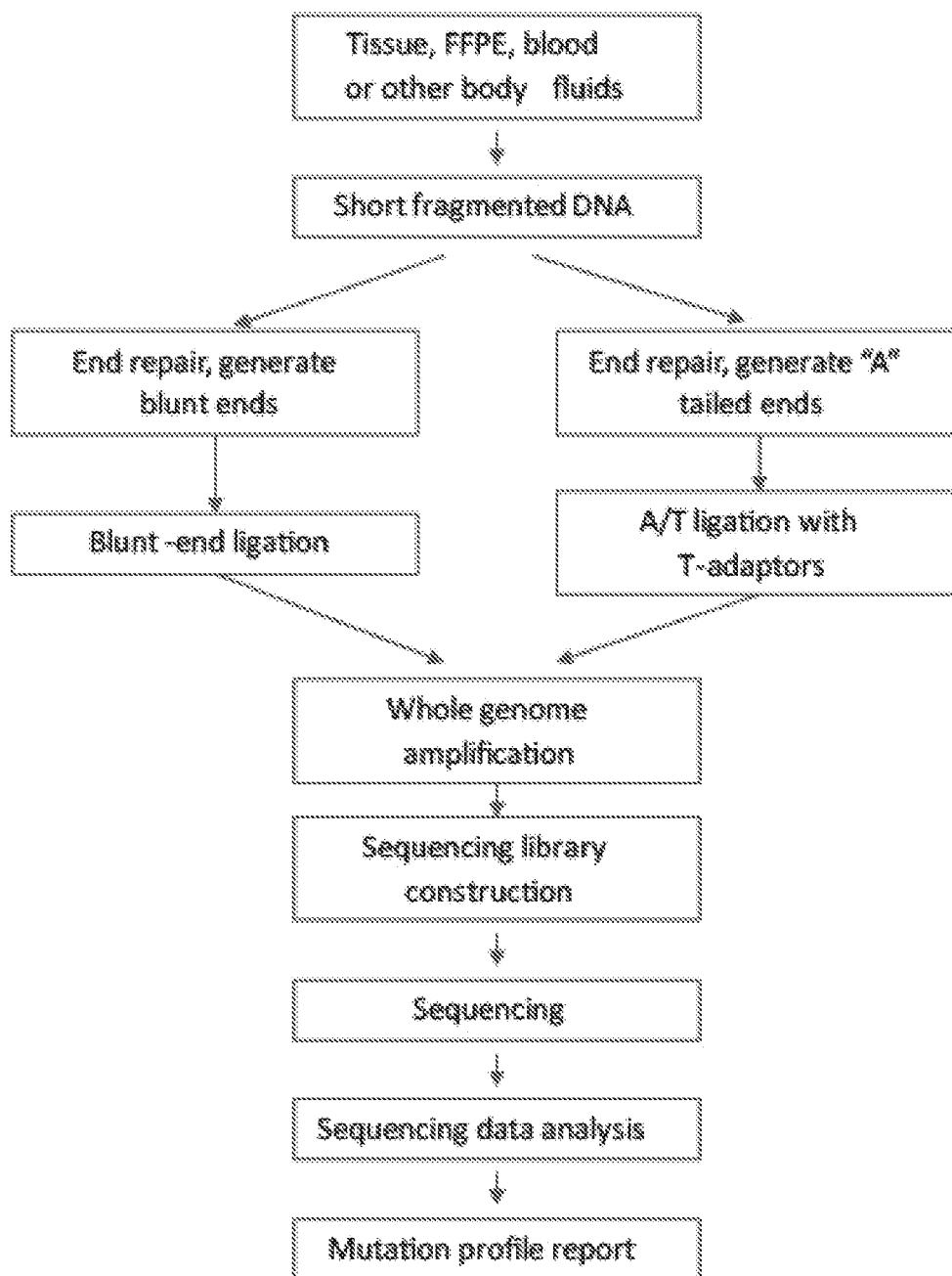


FIG. 28

**FIG. 29**

**FIG. 30**

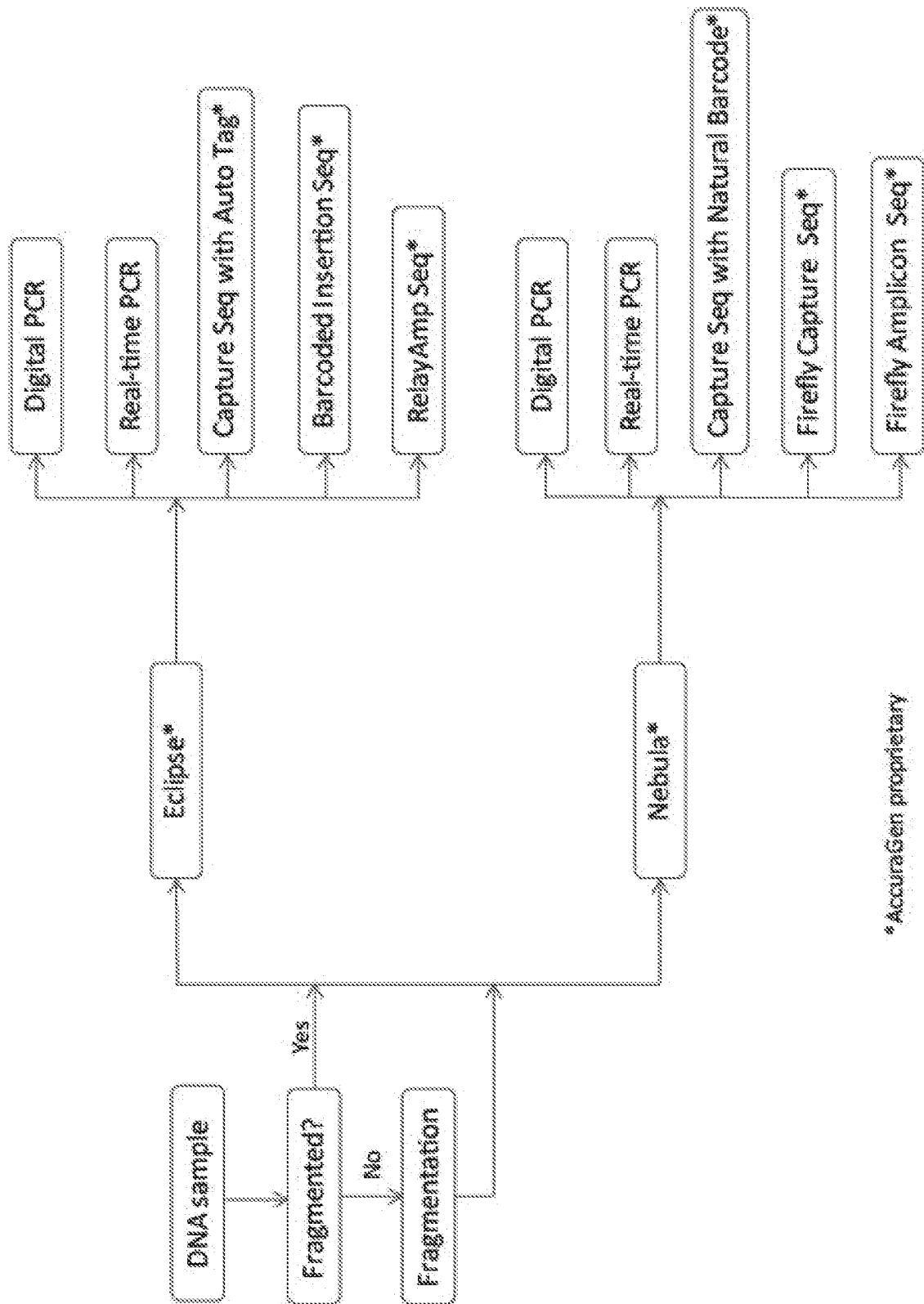
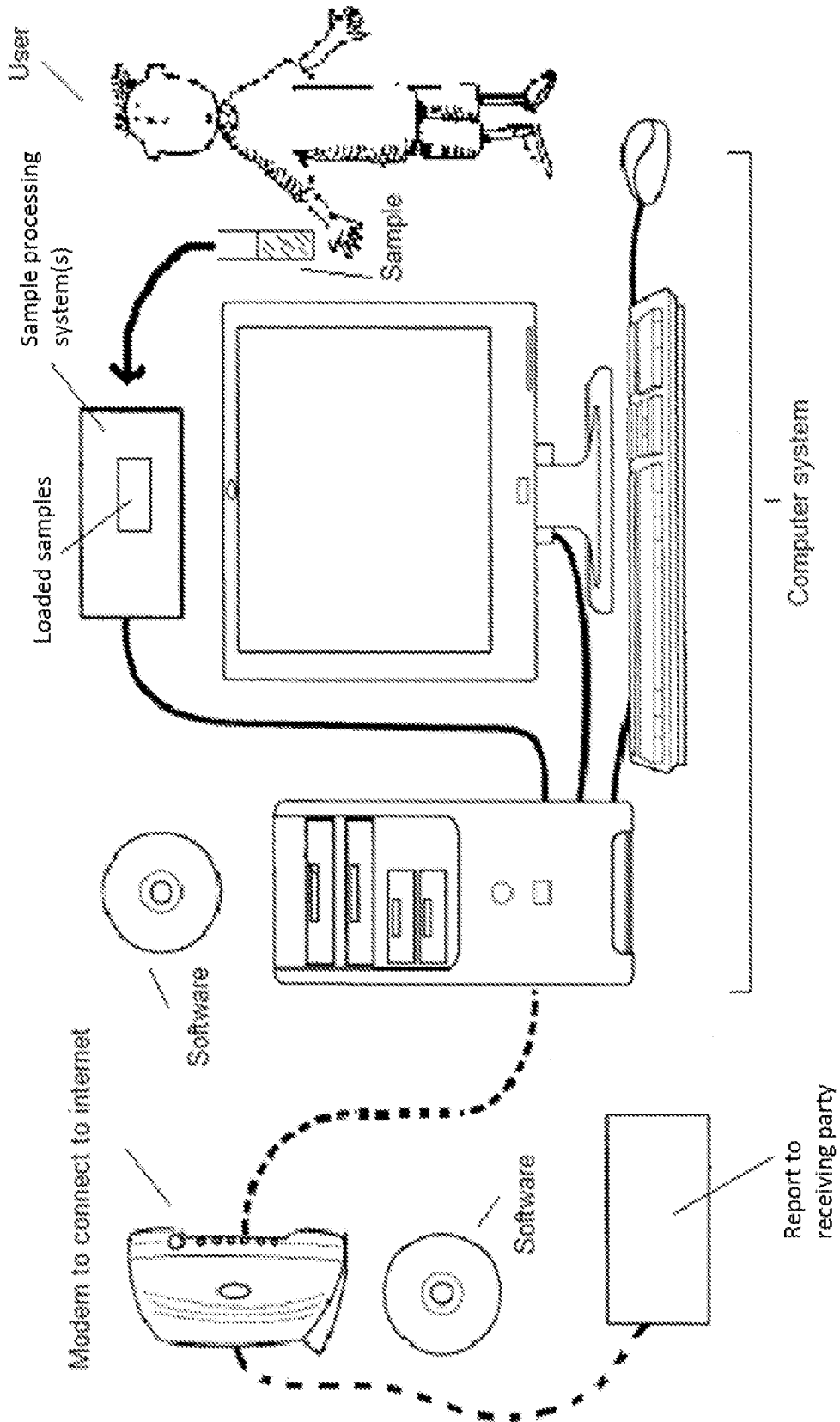
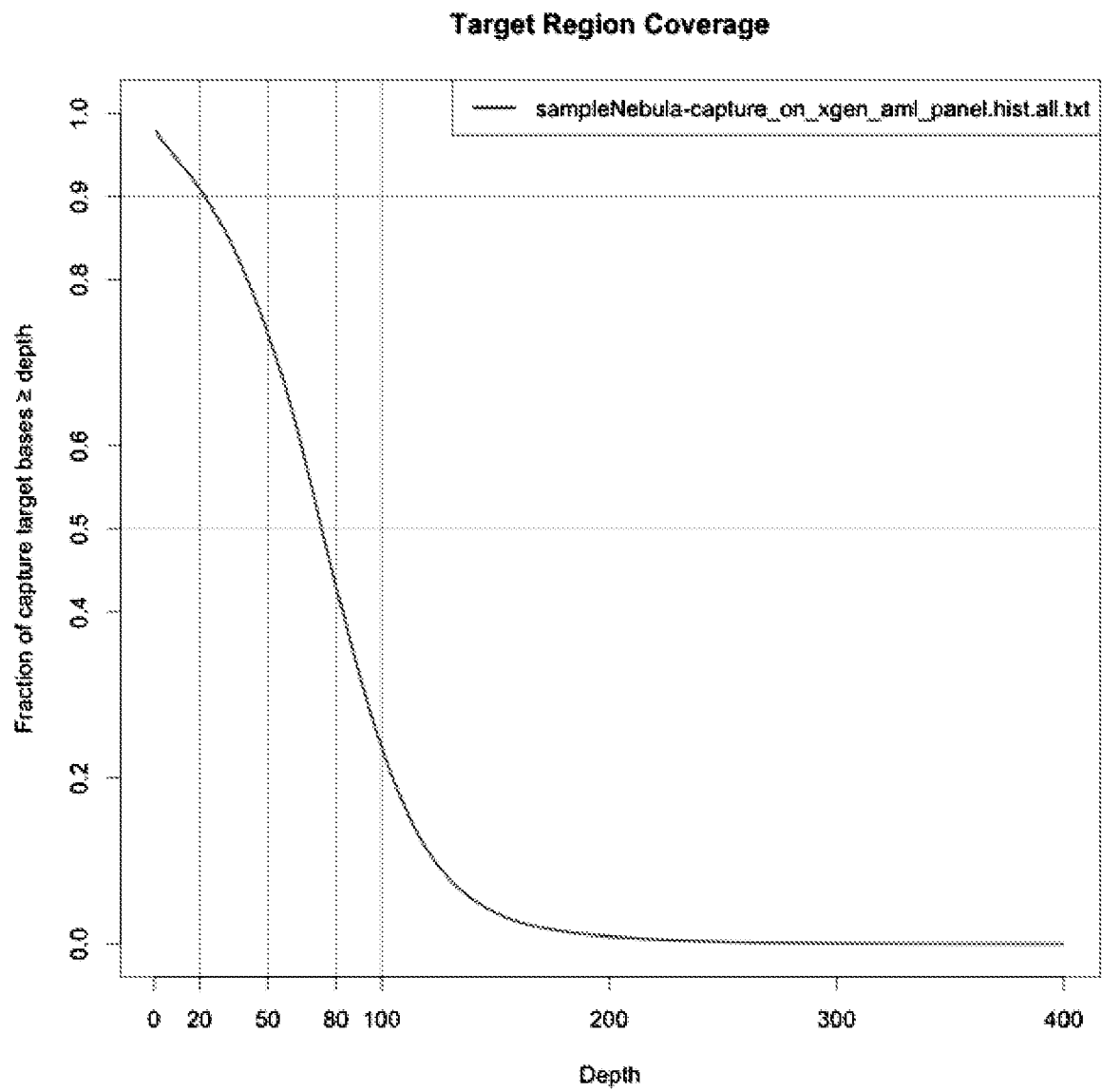


FIG. 31

**FIG. 32**

**FIG. 33**