

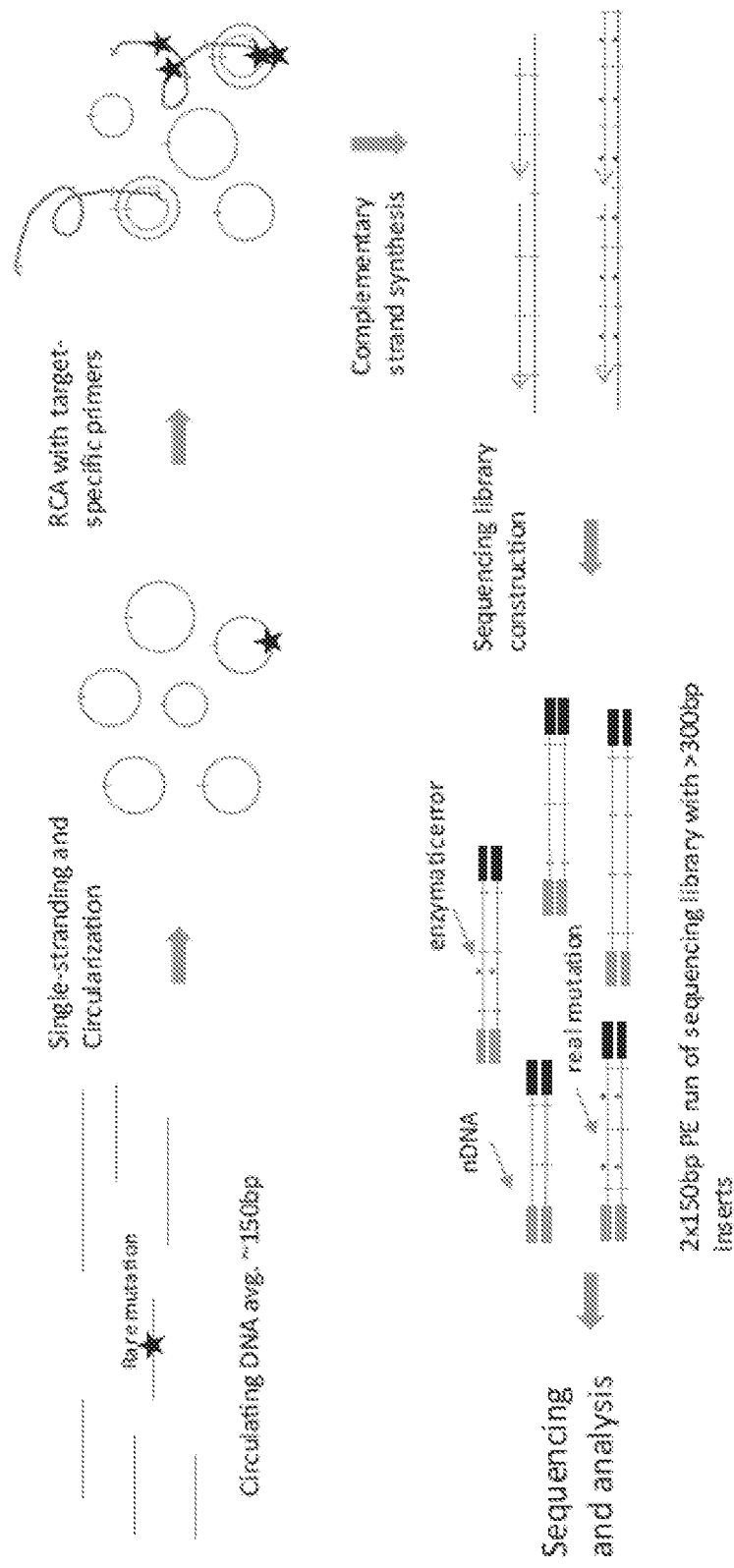


FIG. 1

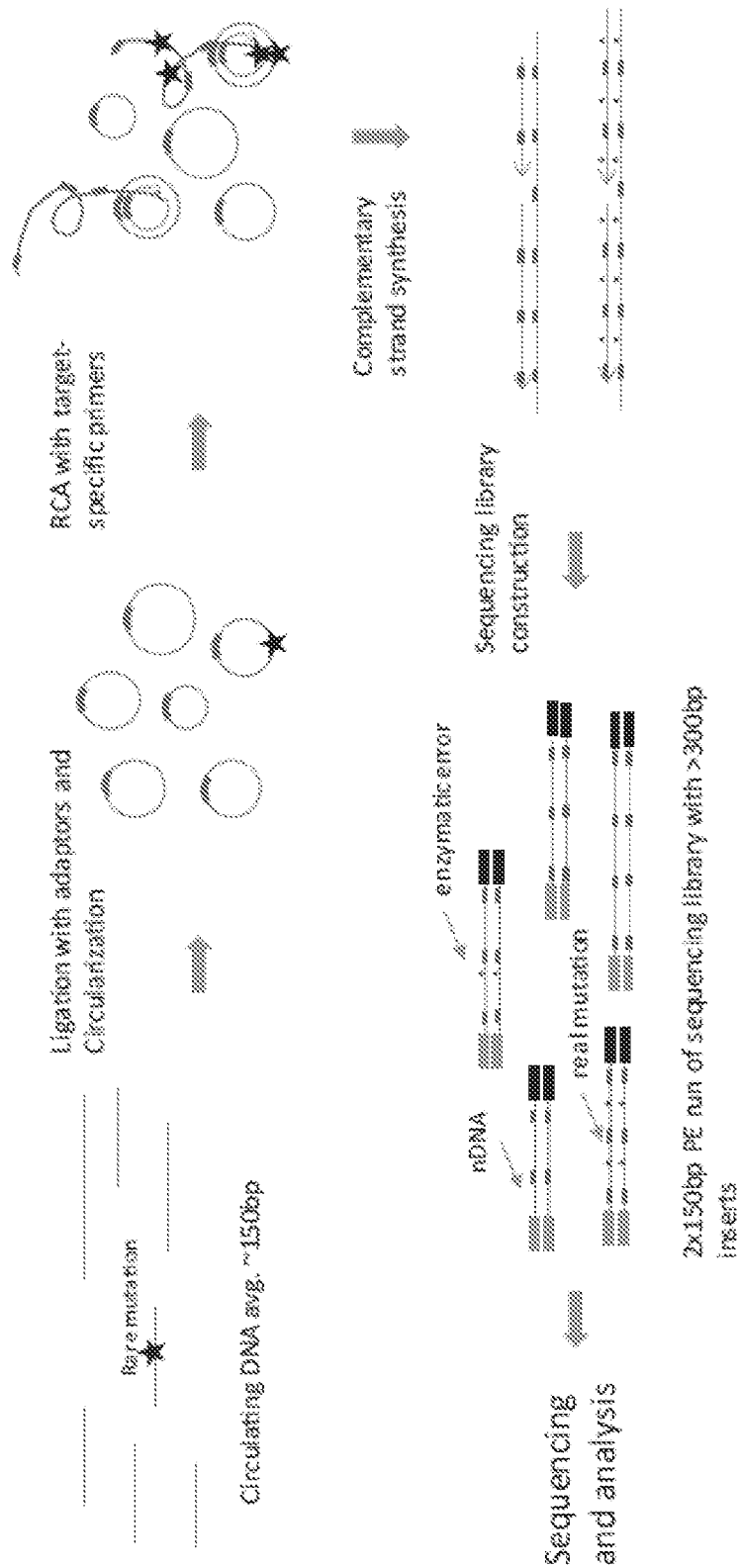


FIG. 2

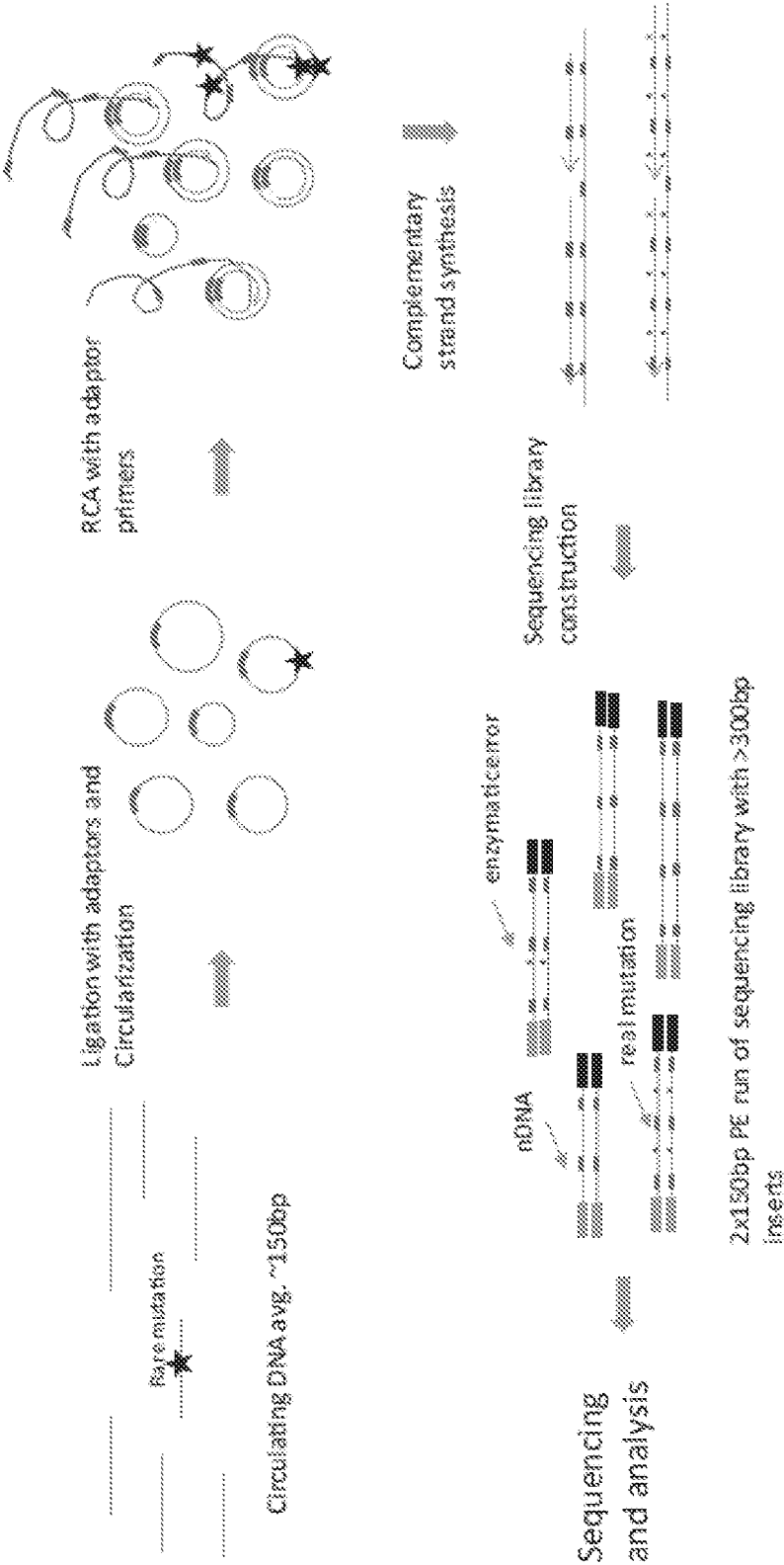


FIG. 3

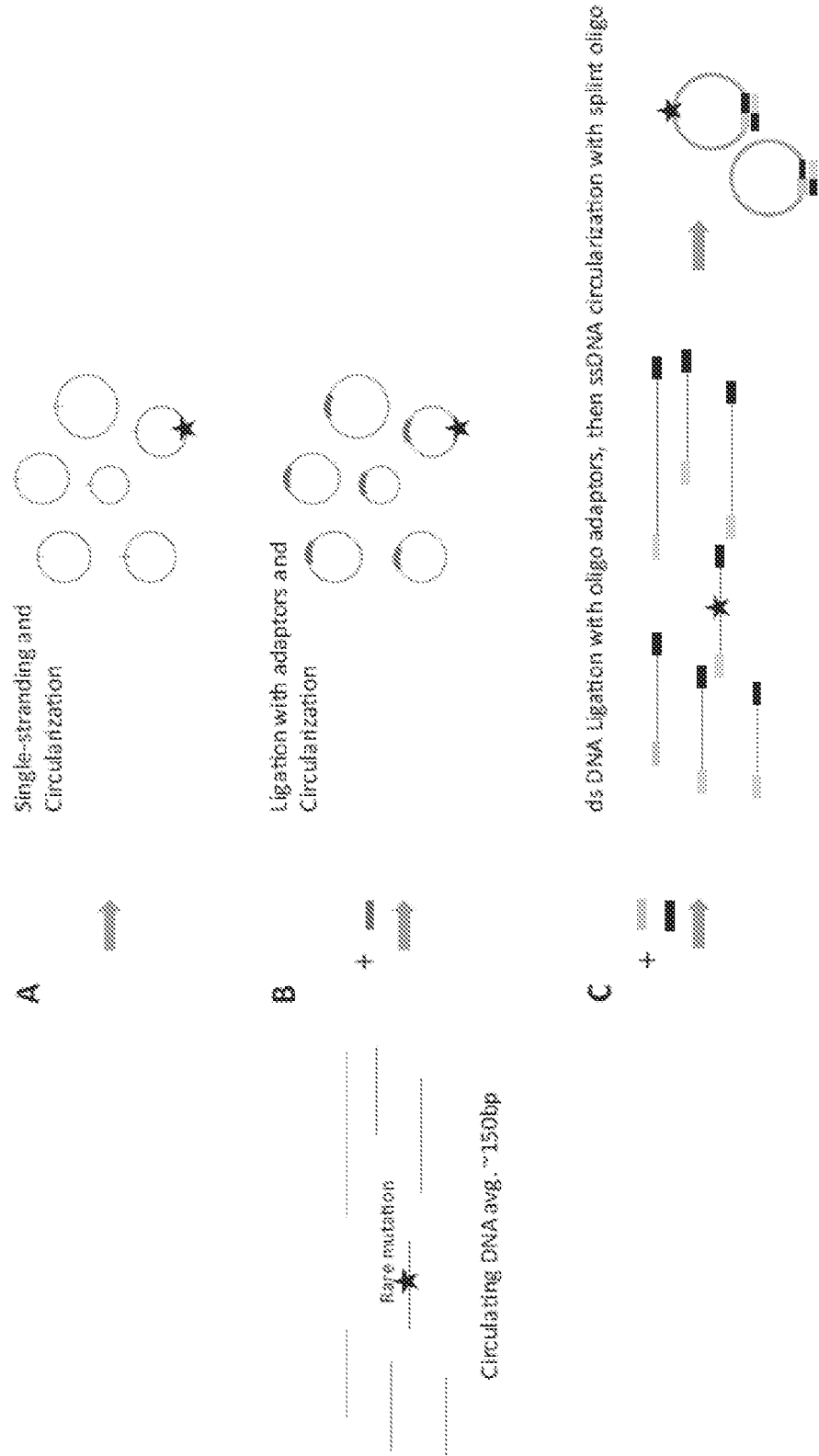


FIG. 4

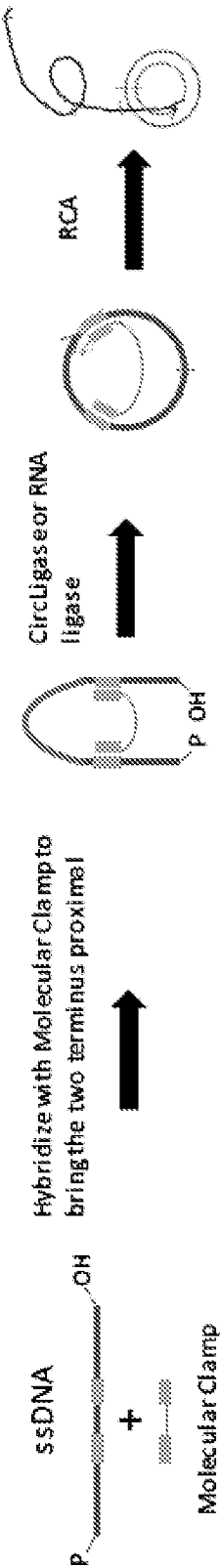


FIG. 5

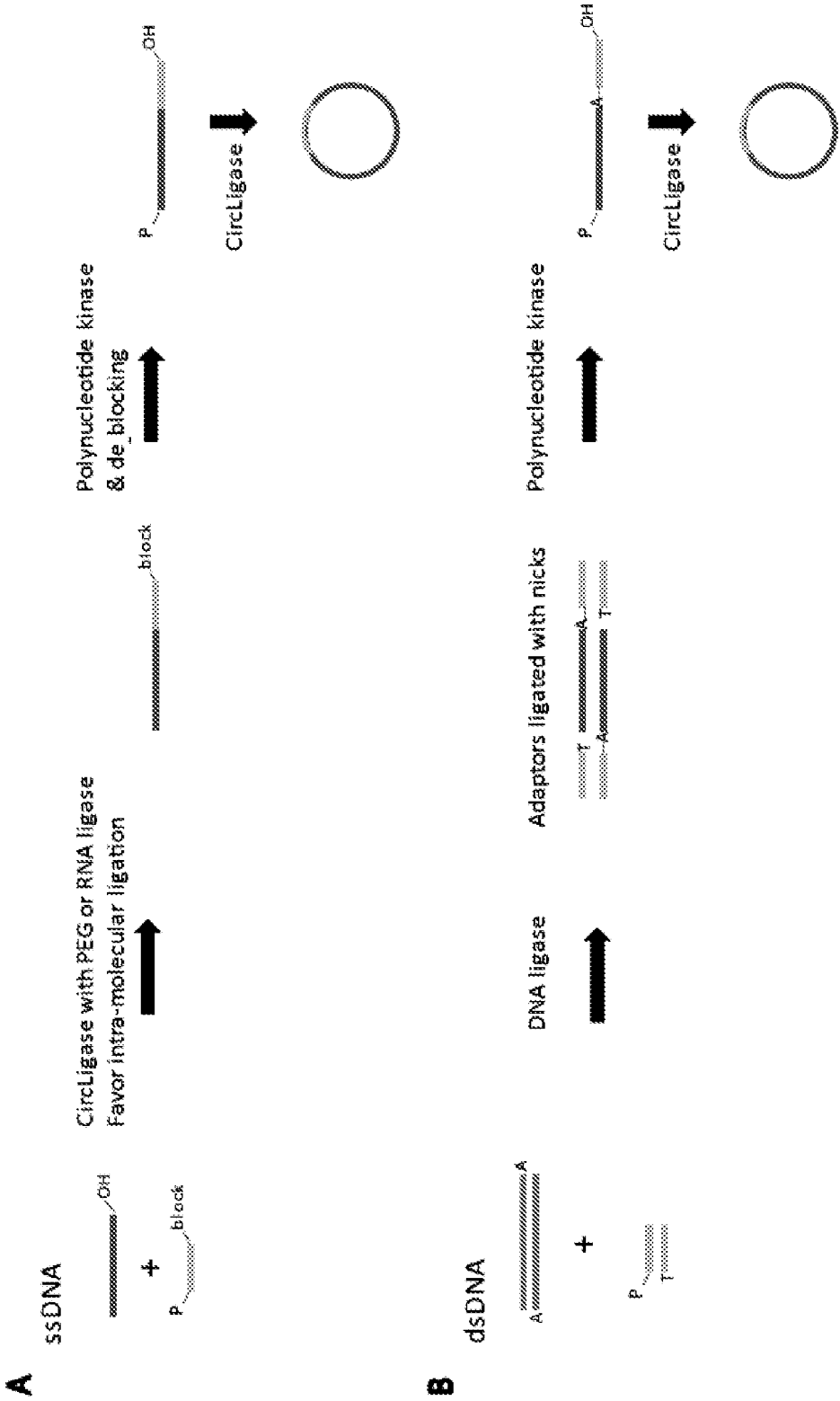


FIG. 6

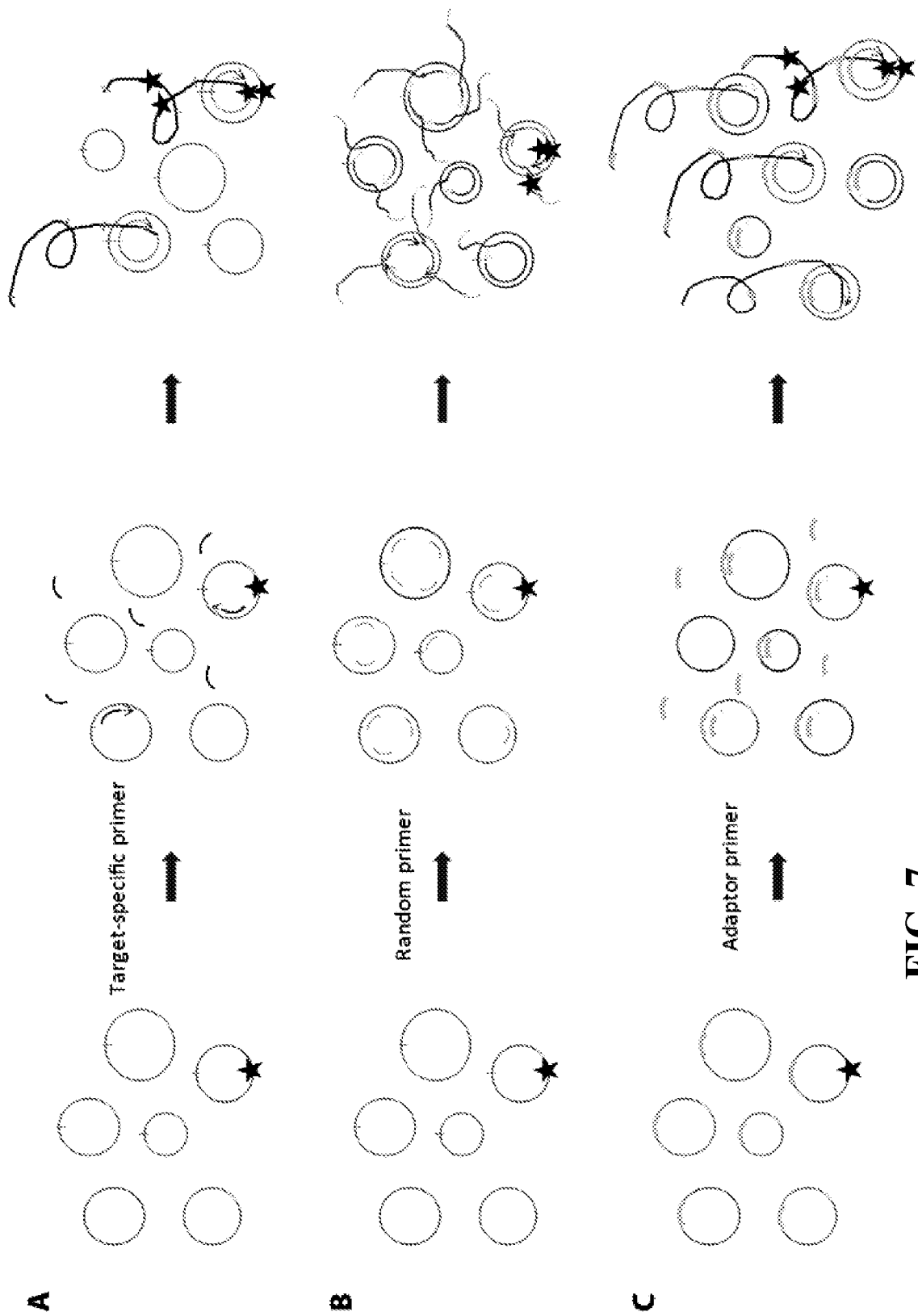


FIG. 7

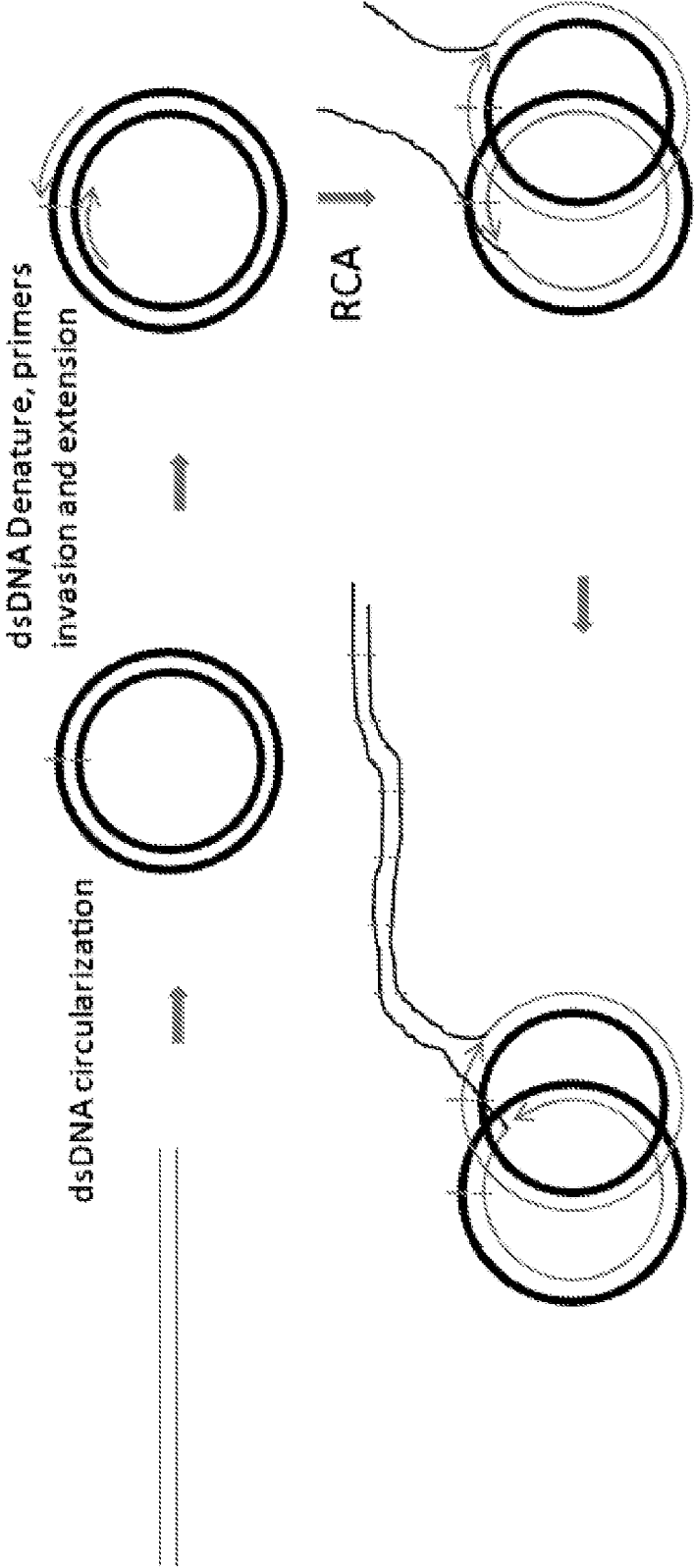


FIG. 8

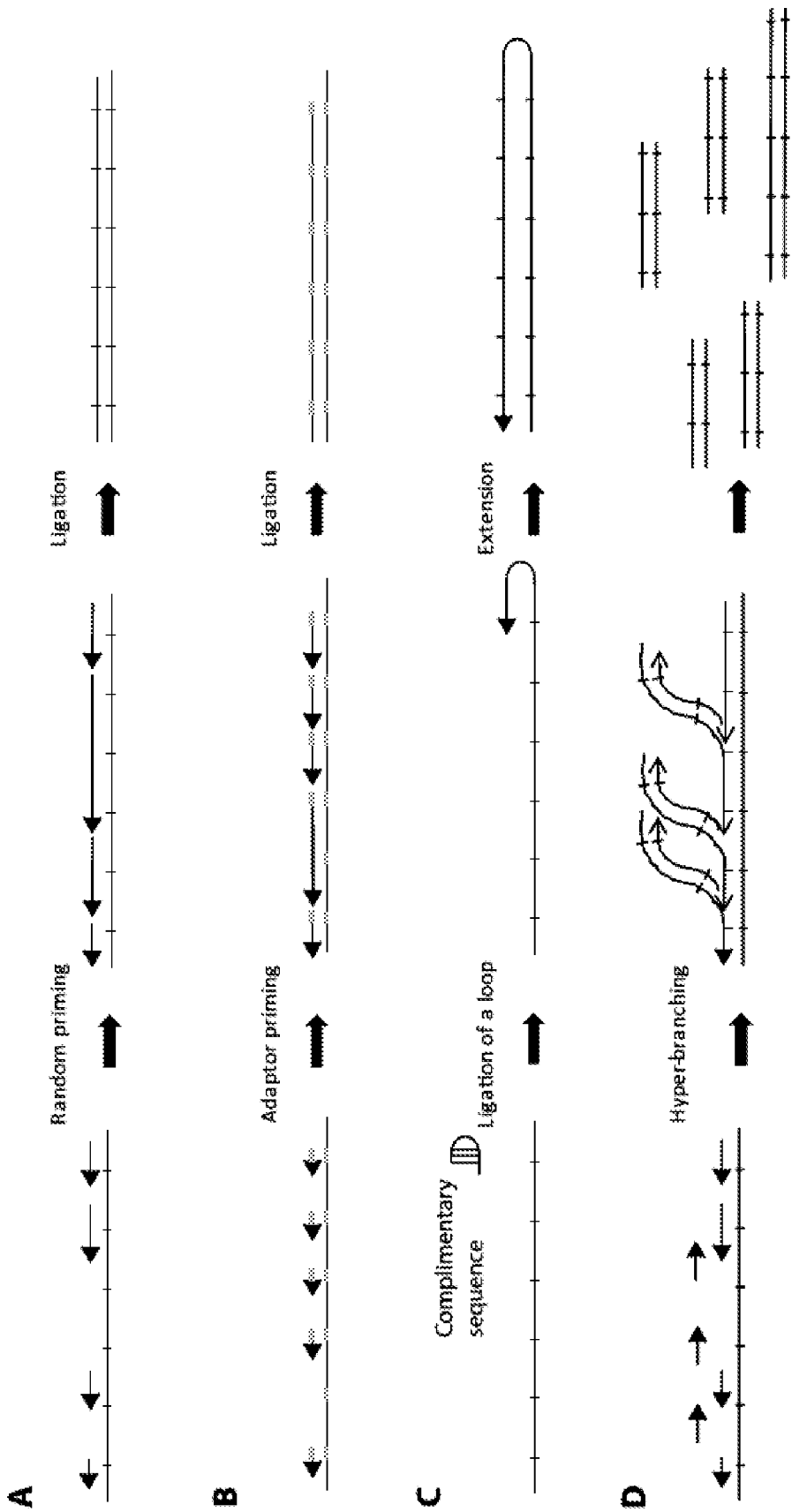
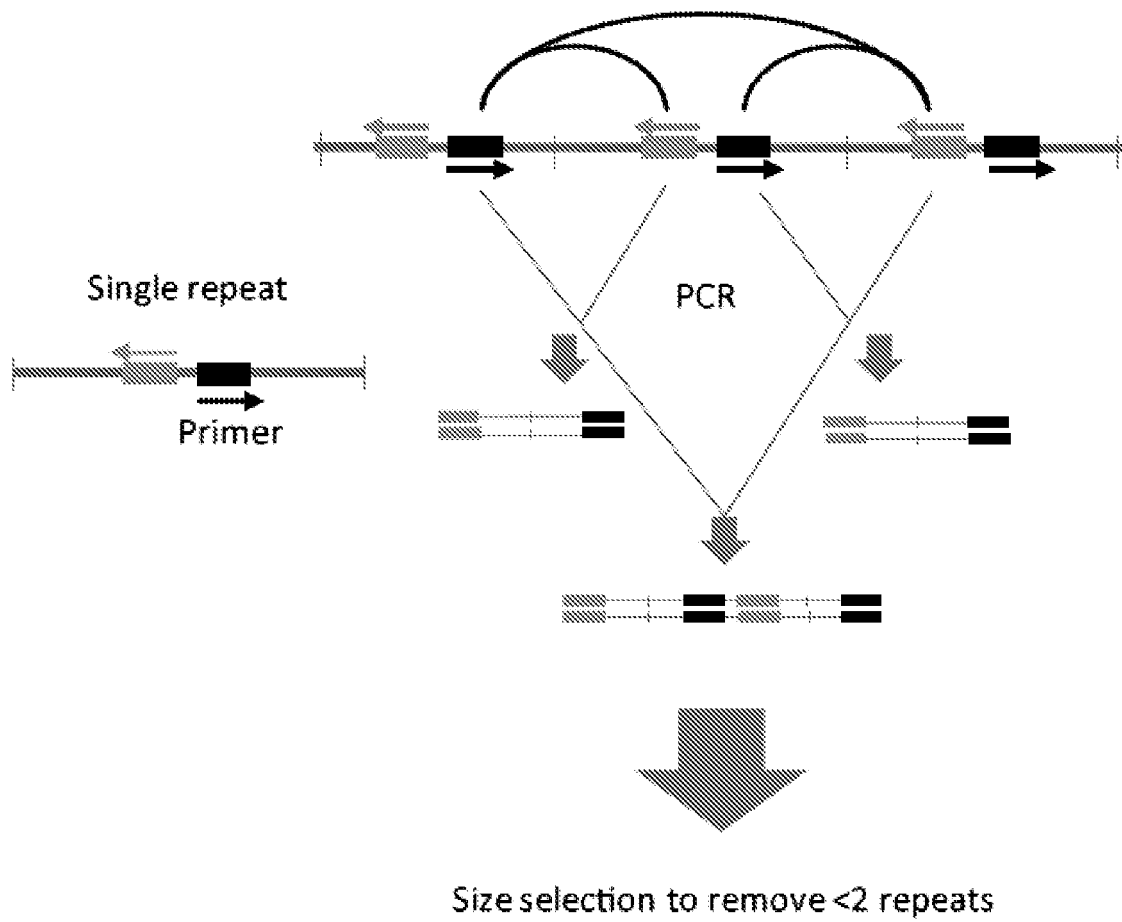


FIG. 9

**FIG. 10**

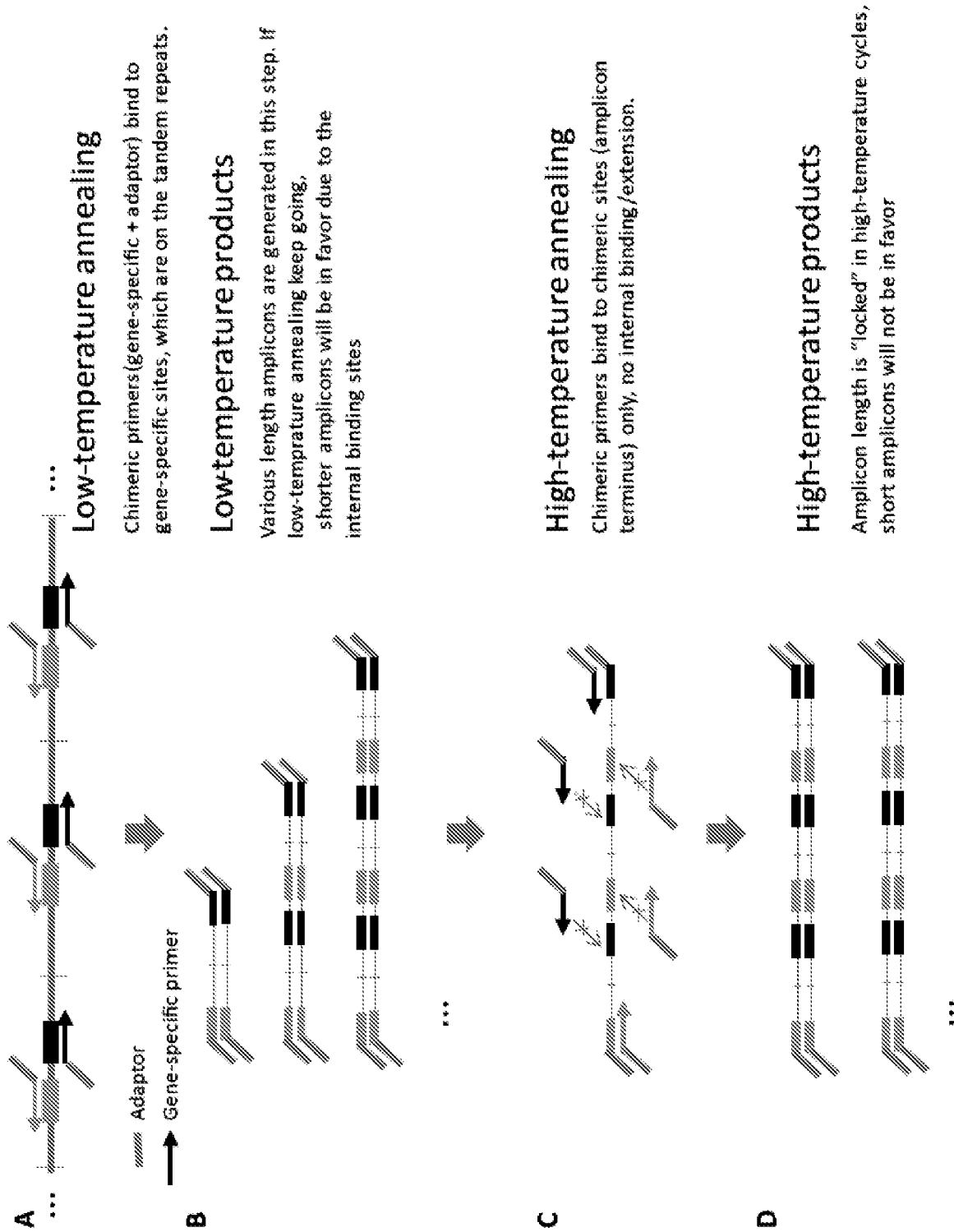


FIG. 11

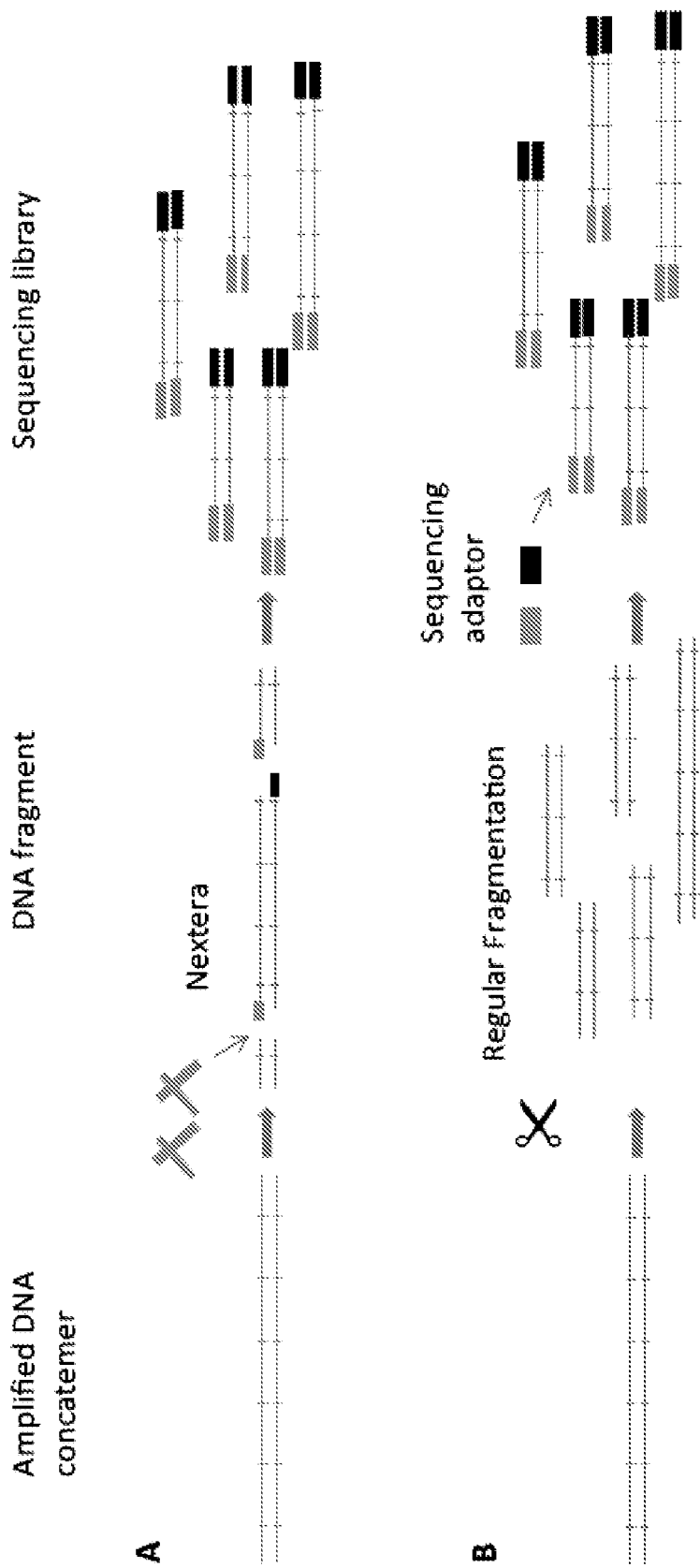


FIG. 12

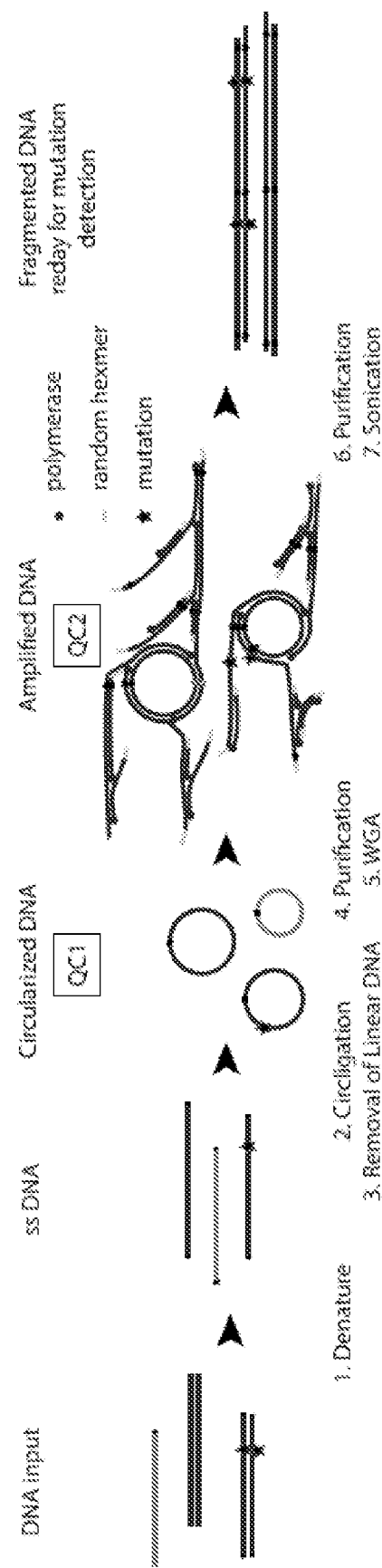


FIG. 14

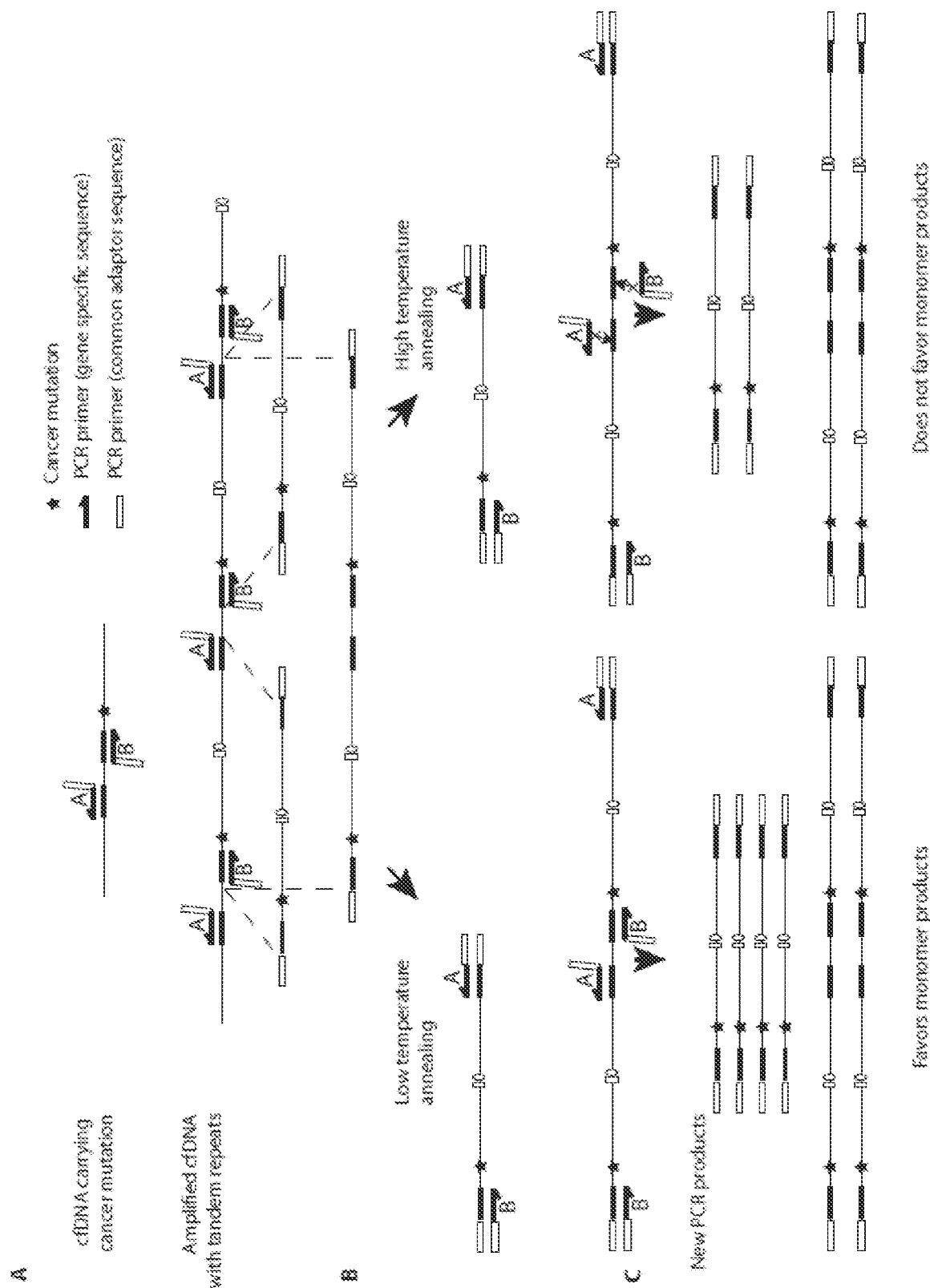


FIG. 15

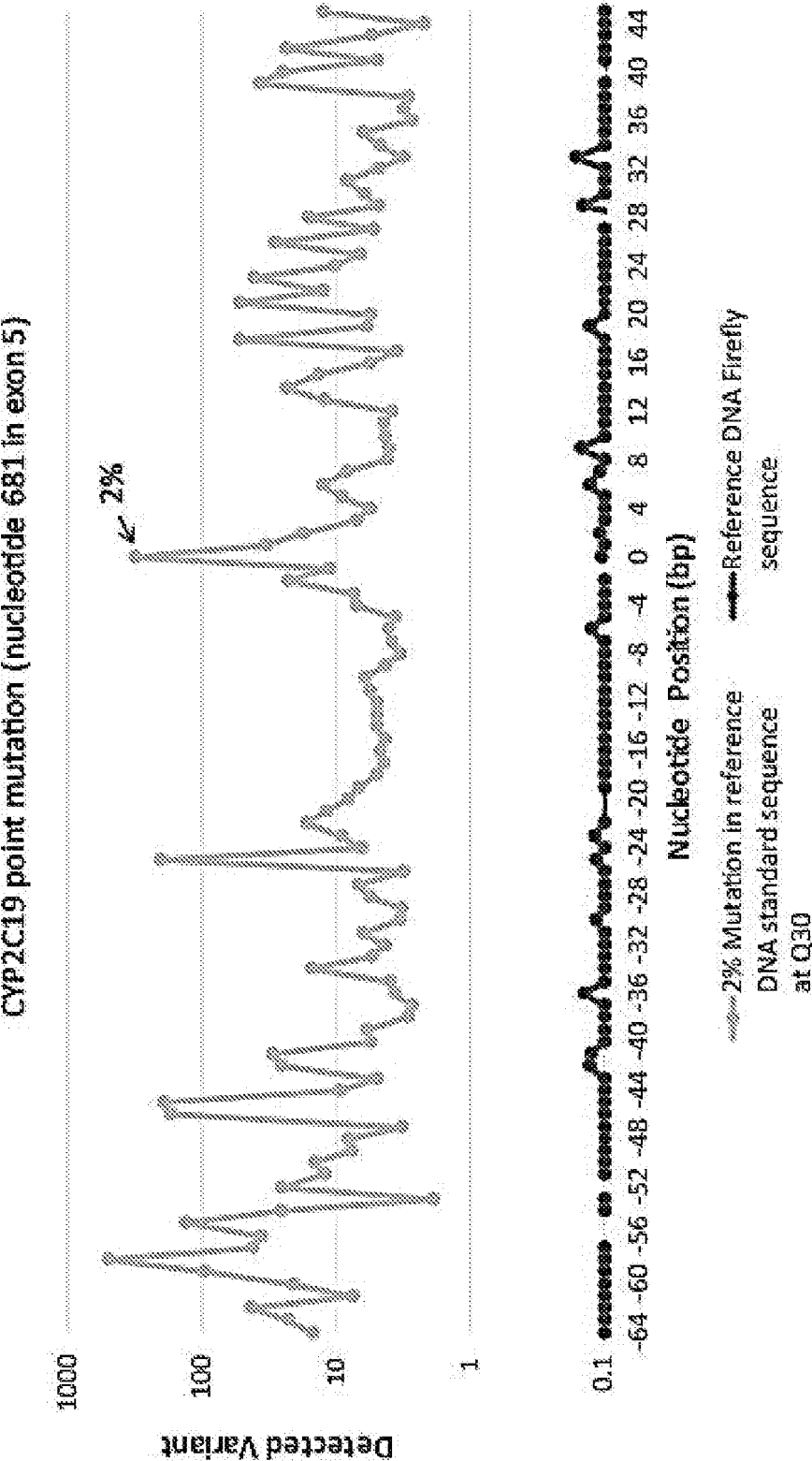


FIG. 16

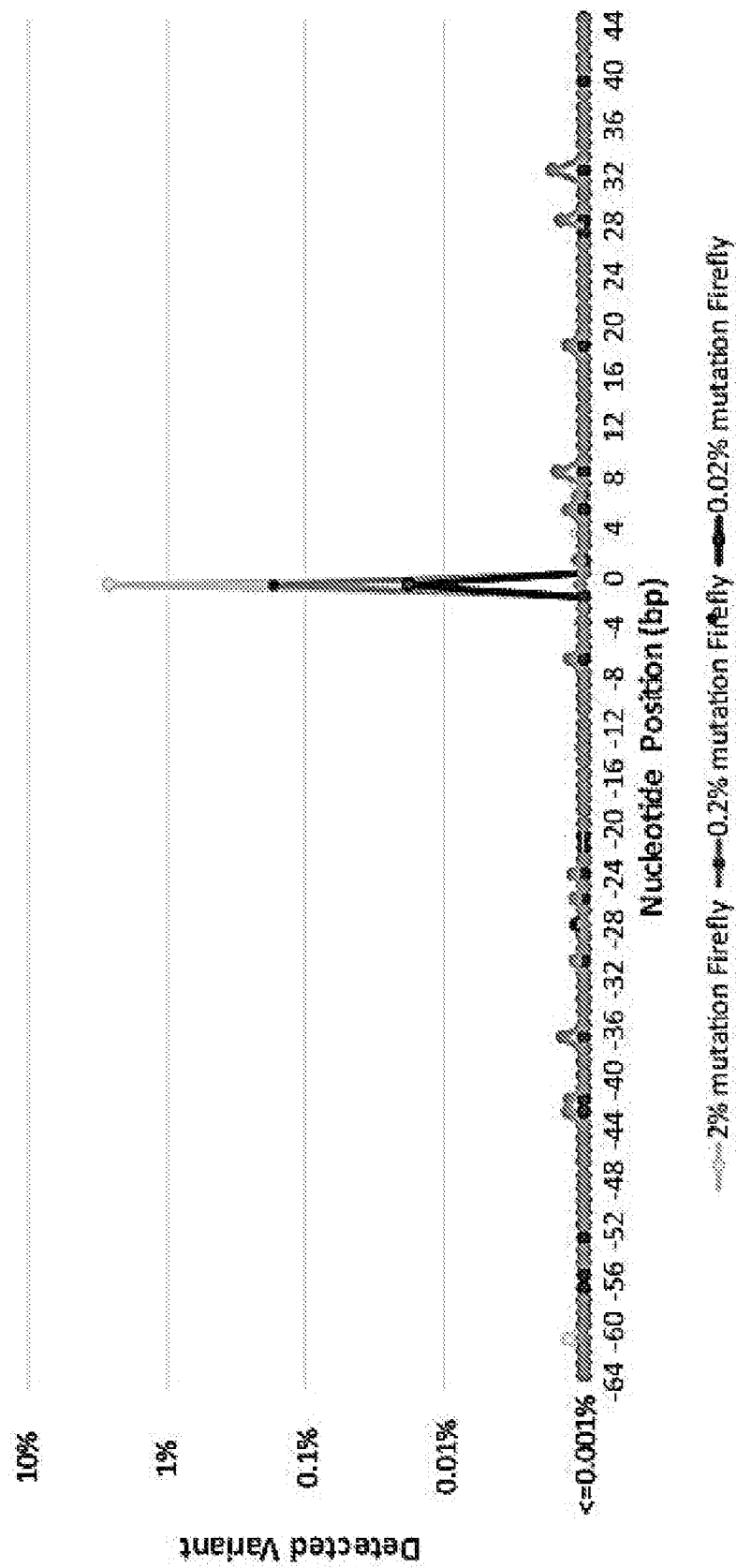


FIG. 17

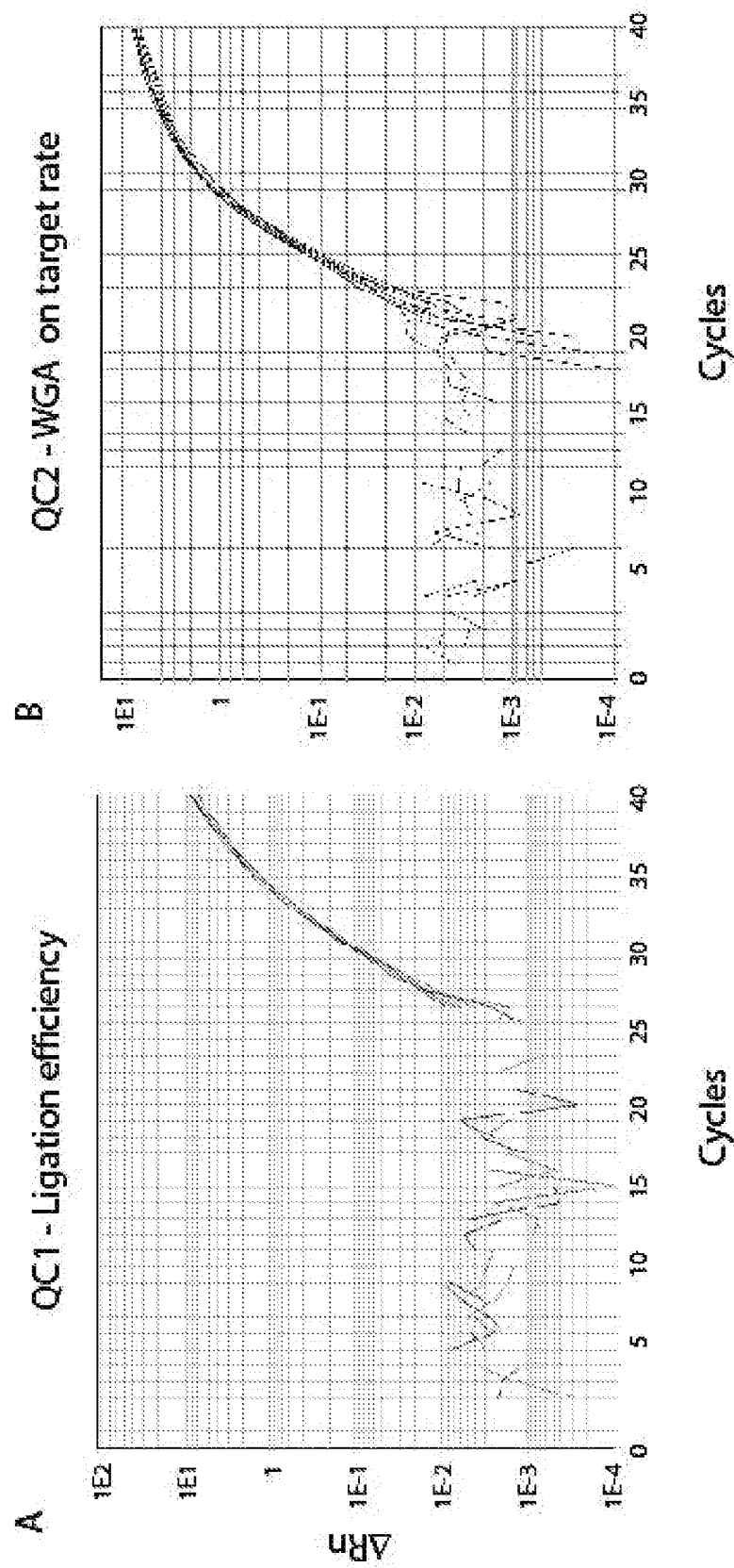
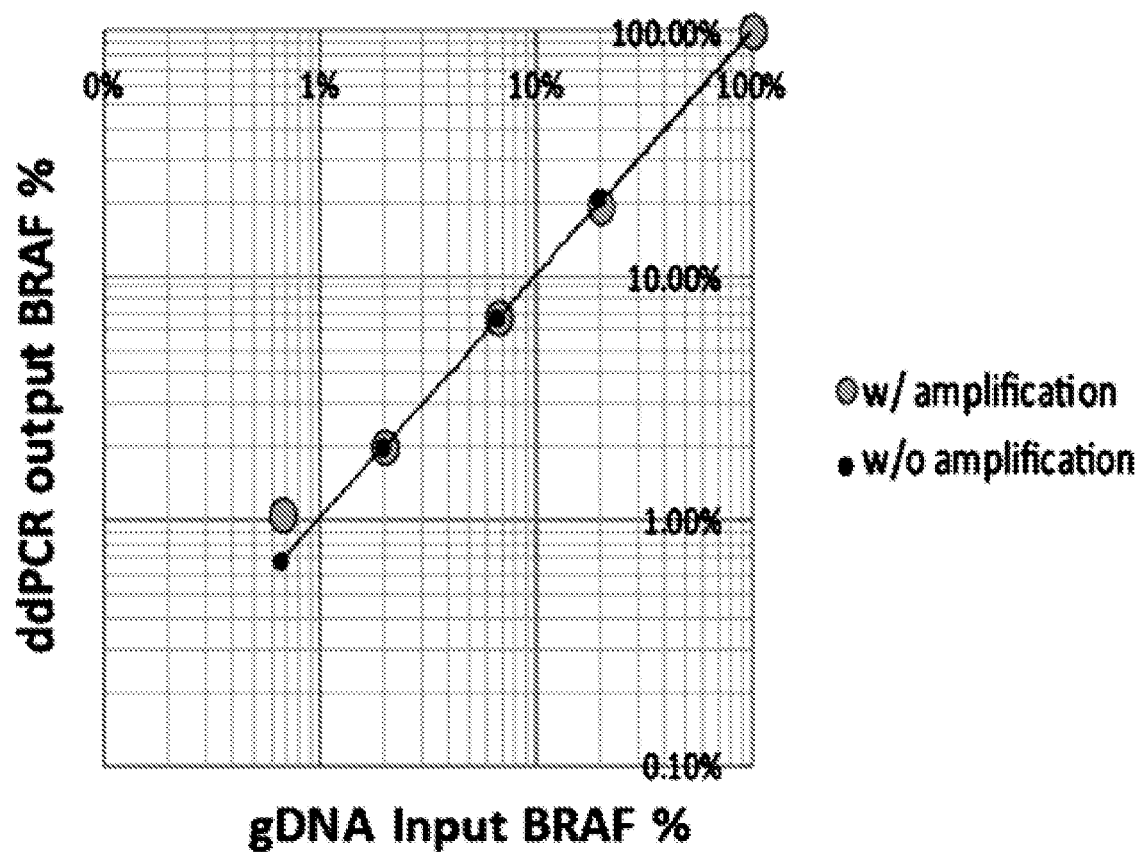
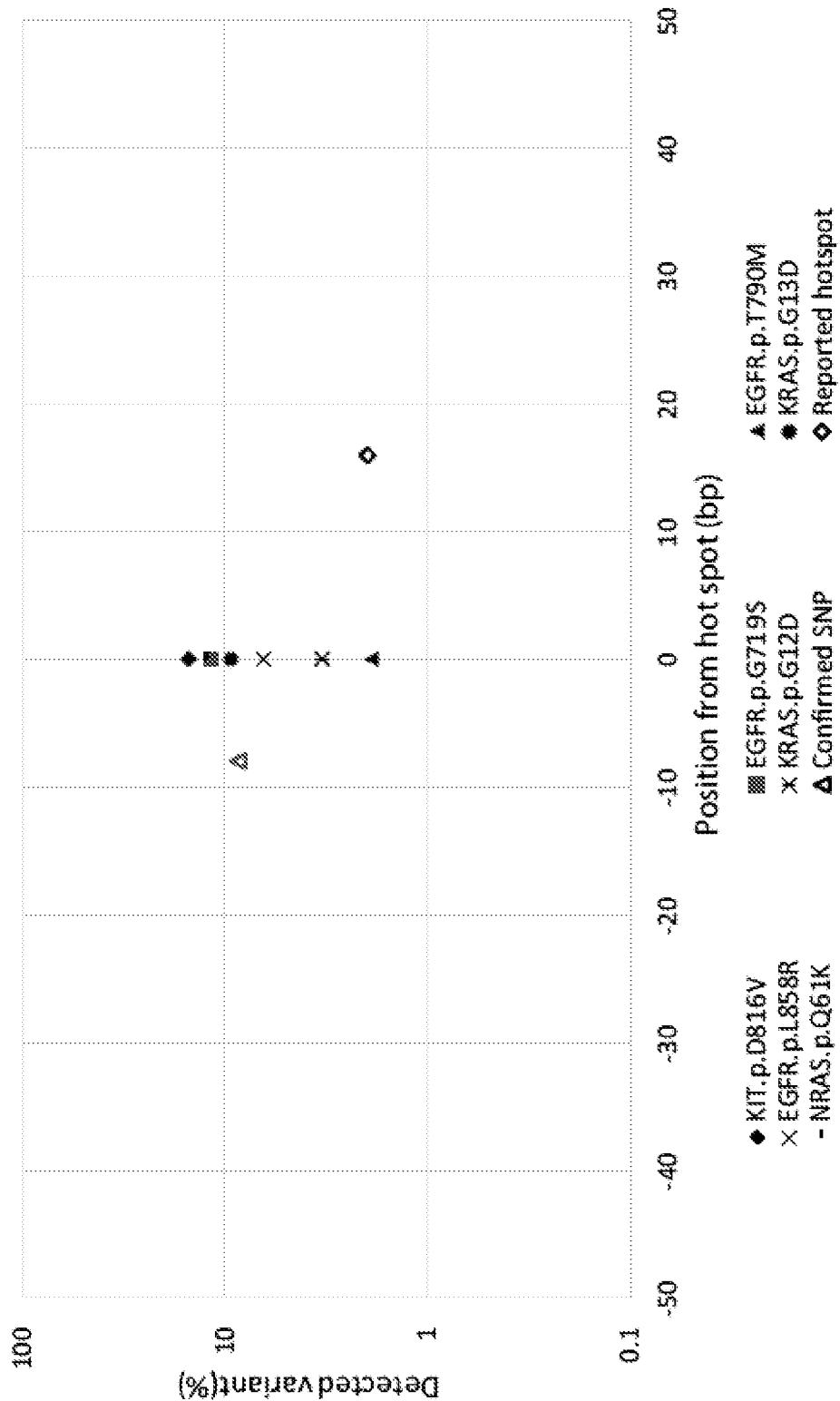


FIG. 18



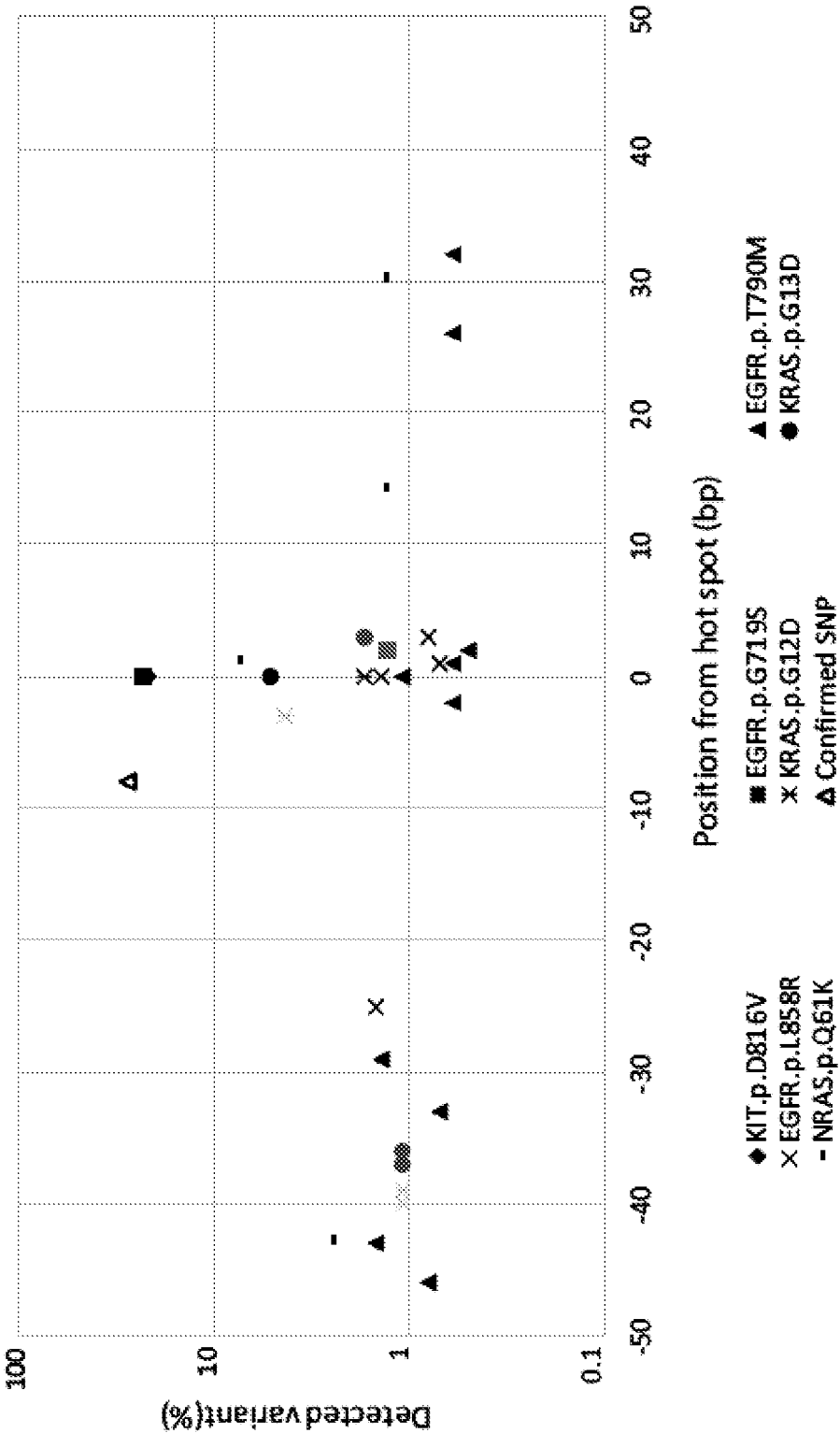
Expected %	0%	0.67%	2.00%	6.67%	20.00%	100%
w/ Amplification	0%	1.07%	2.04%	6.77%	19.41%	100%
w/o Amplification		0.66%	1.97%	6.67%	20.26%	

FIG. 19



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

FIG. 20



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

FIG. 21

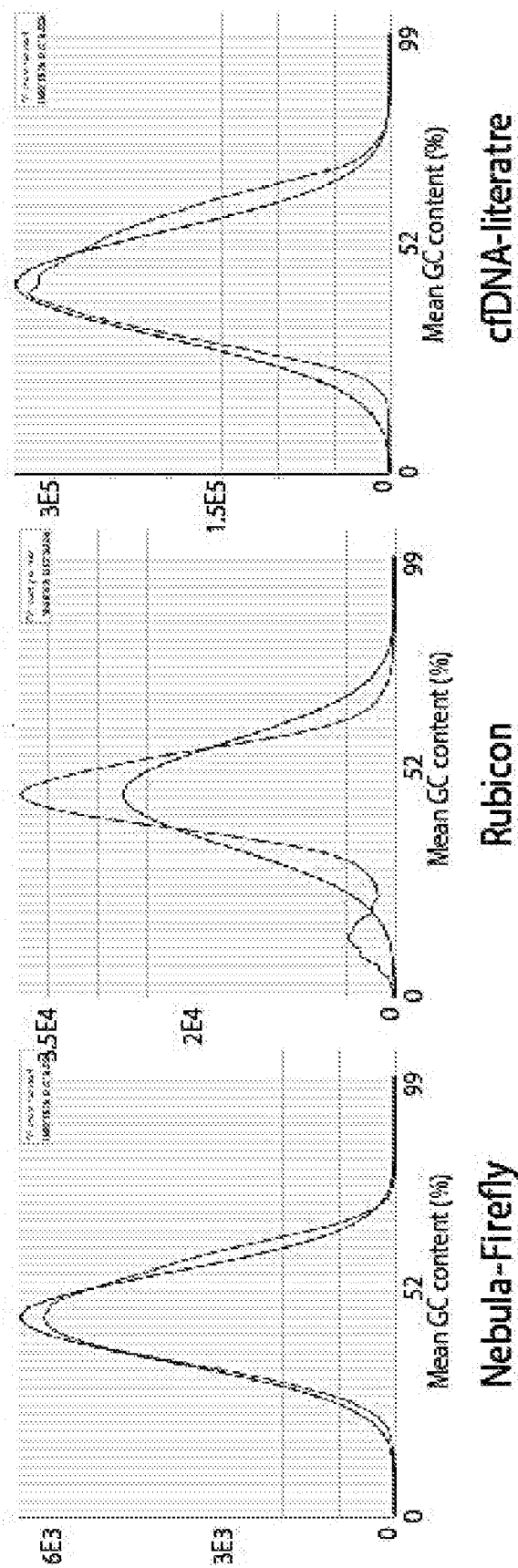


FIG. 22

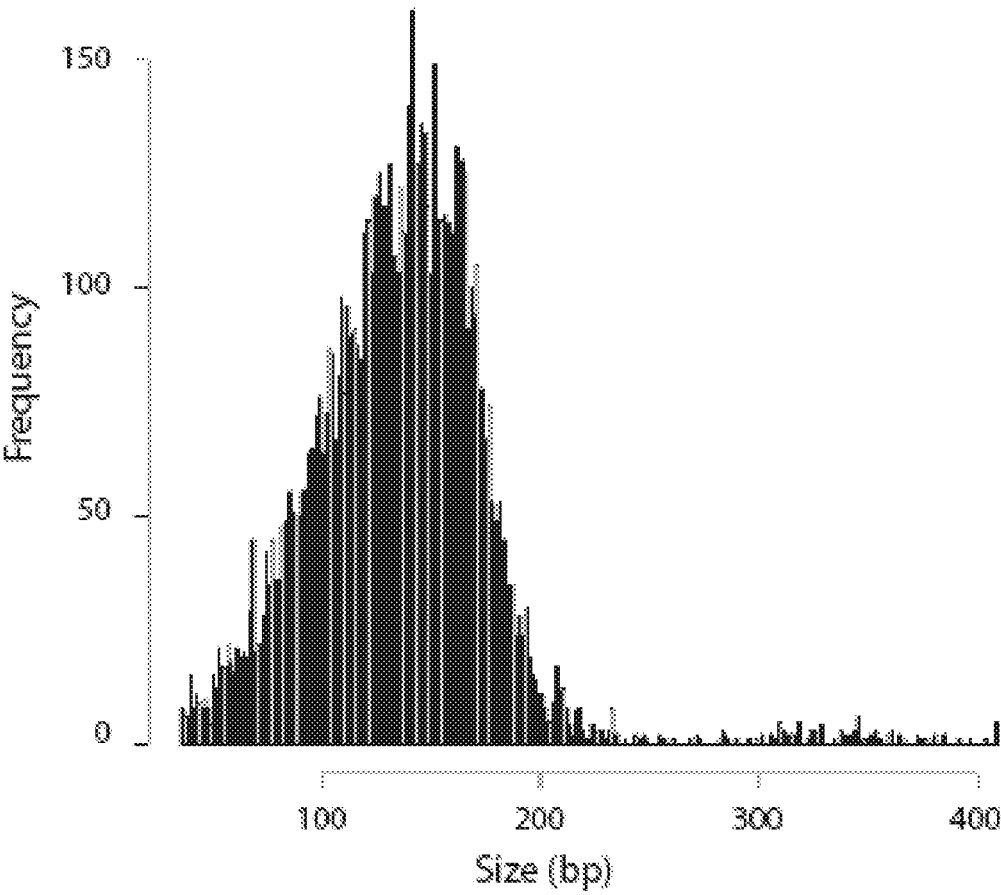


FIG. 23

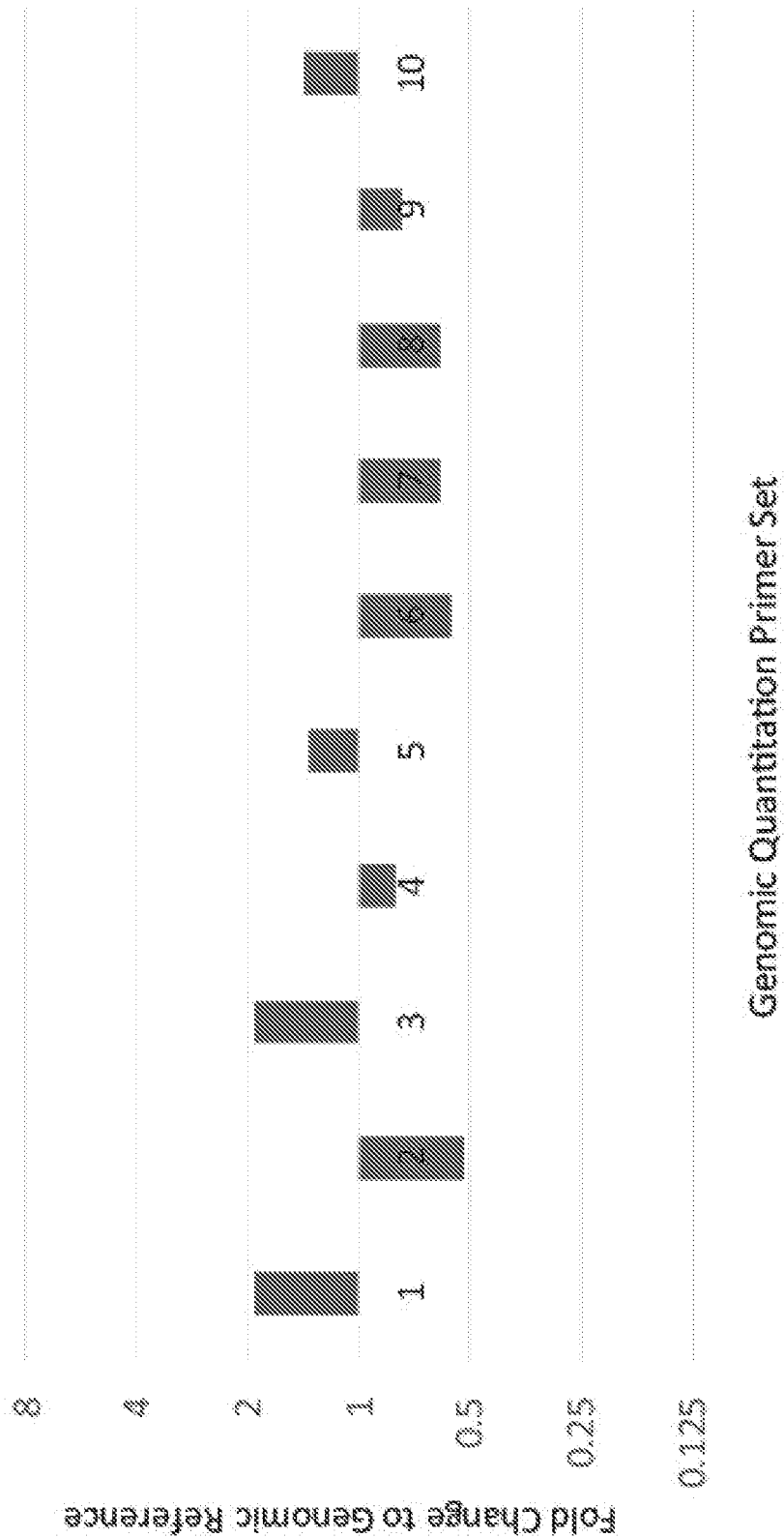


FIG. 24

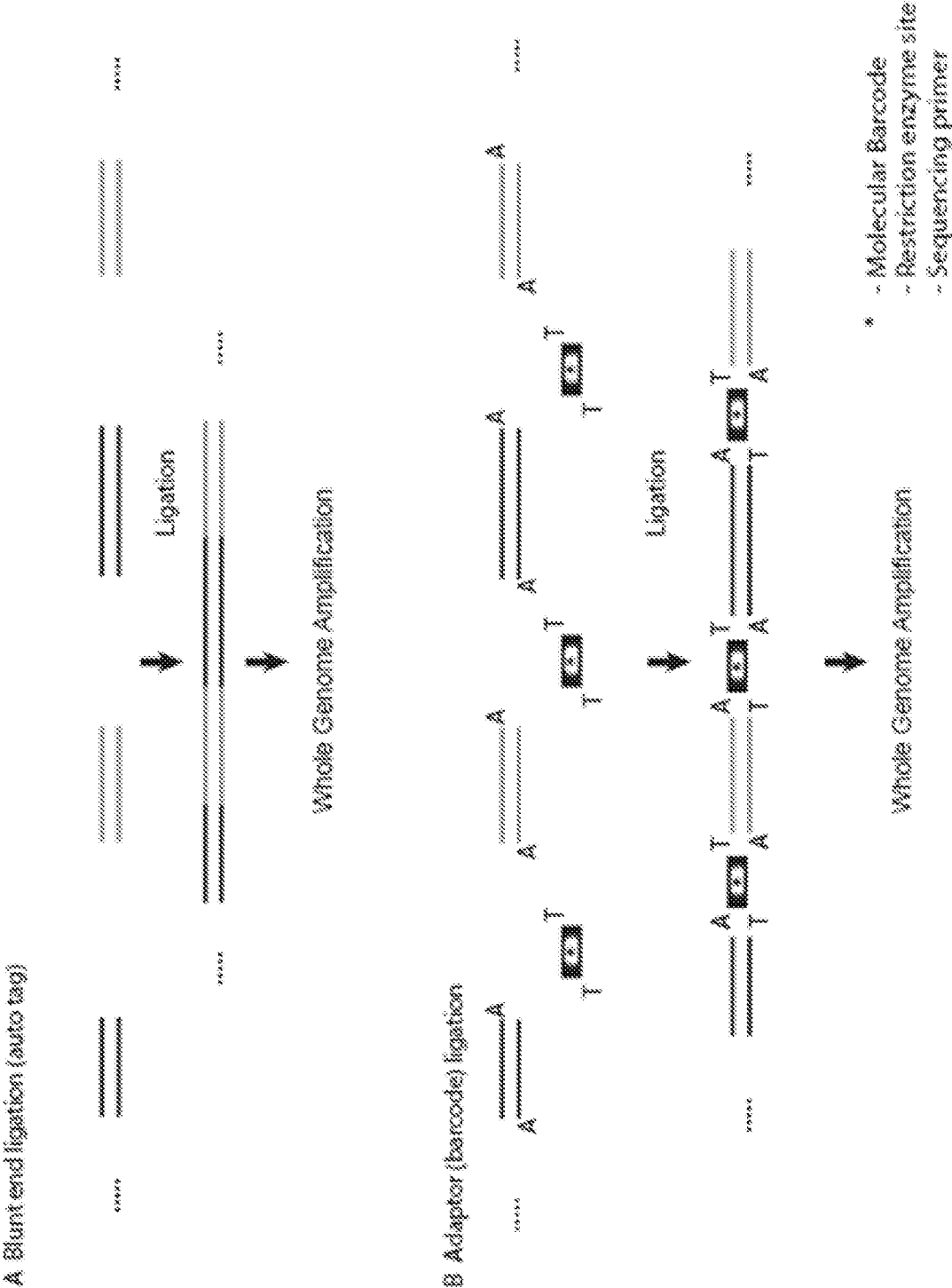


FIG. 25

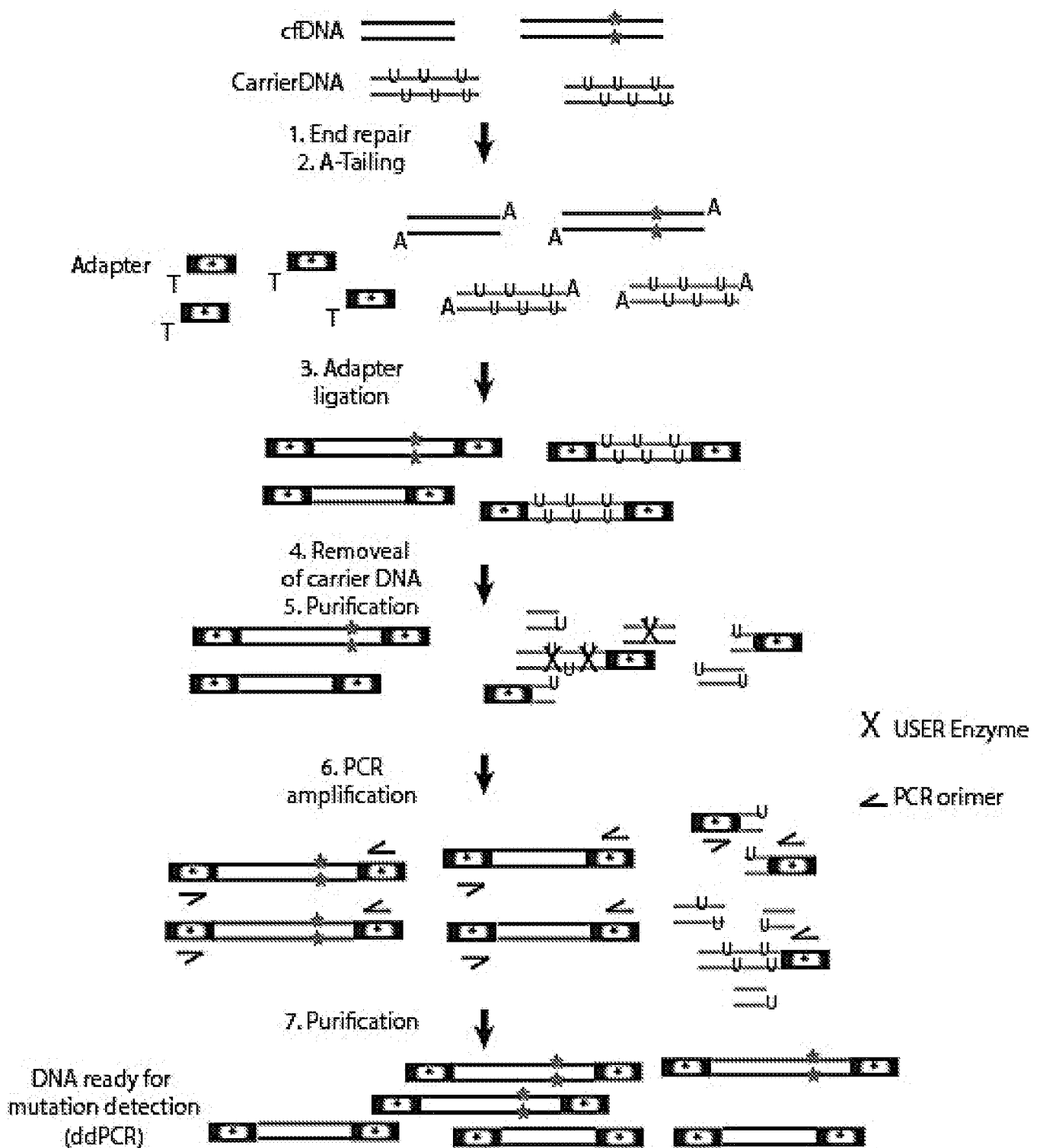


FIG. 26

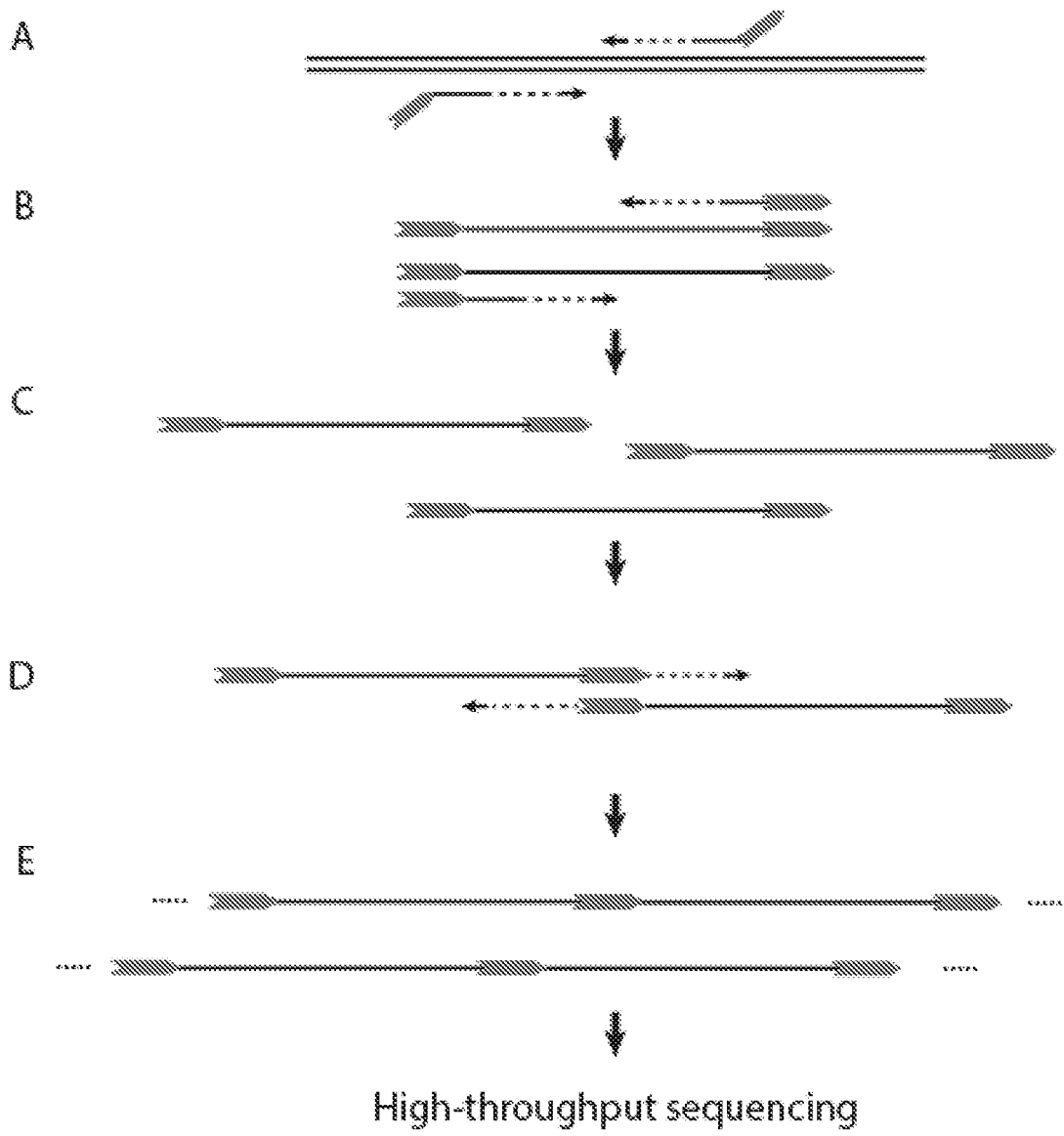


FIG. 27

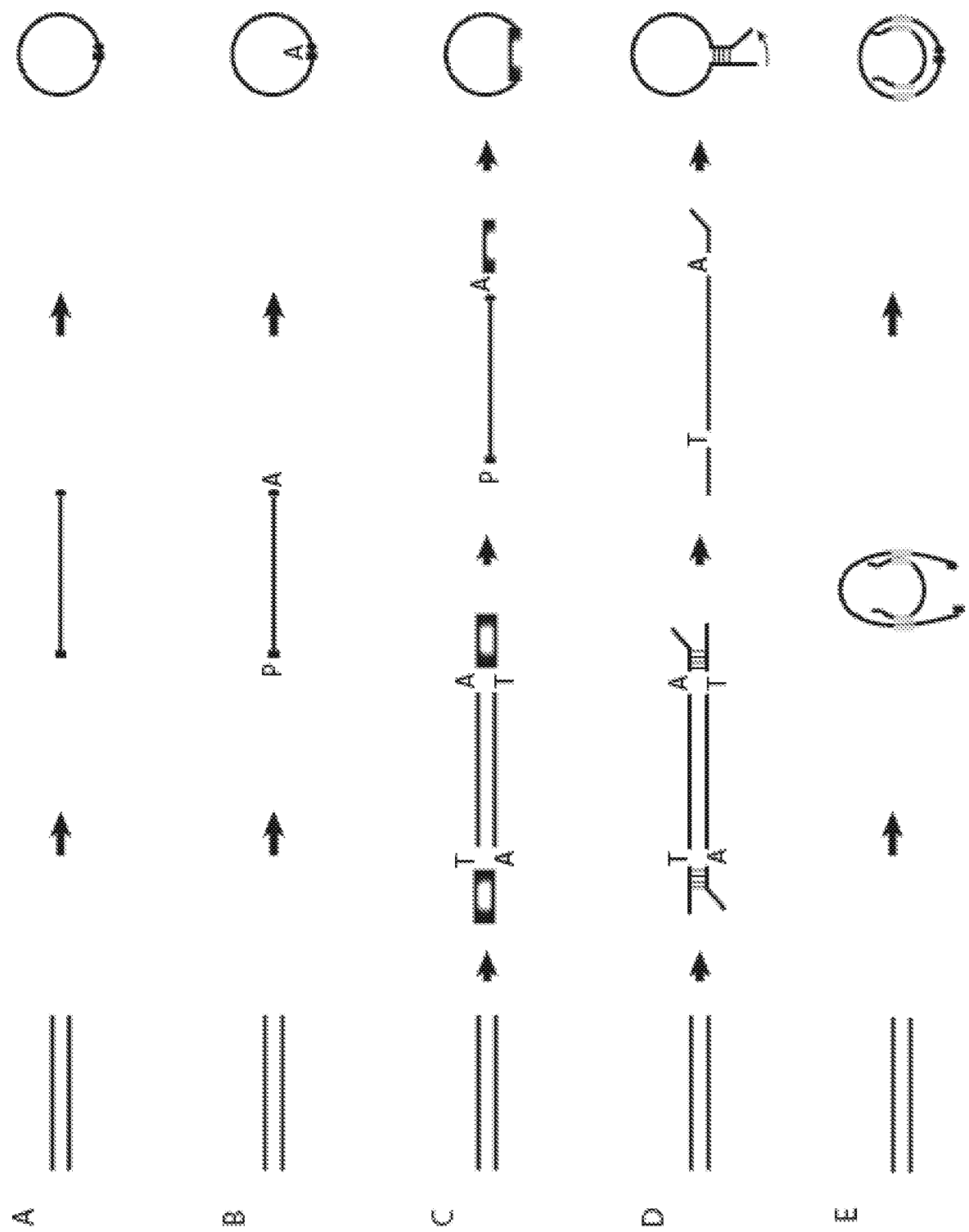
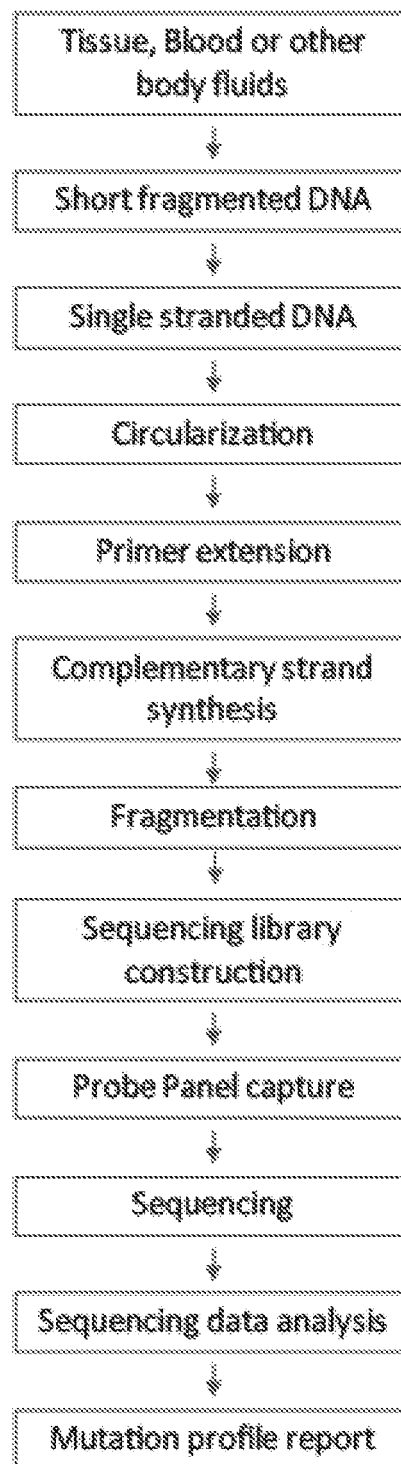
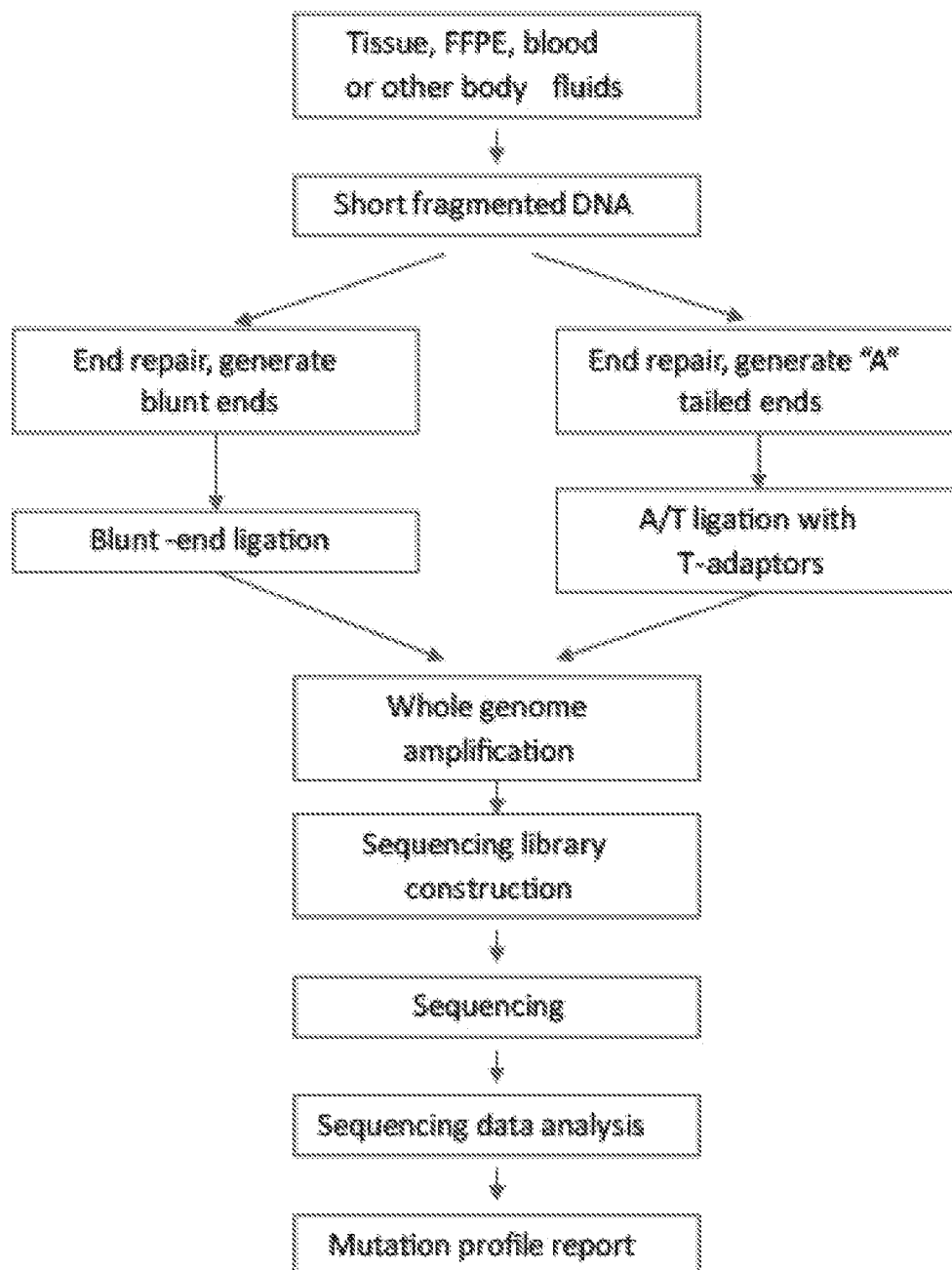


FIG. 28

**FIG. 29**

**FIG. 30**

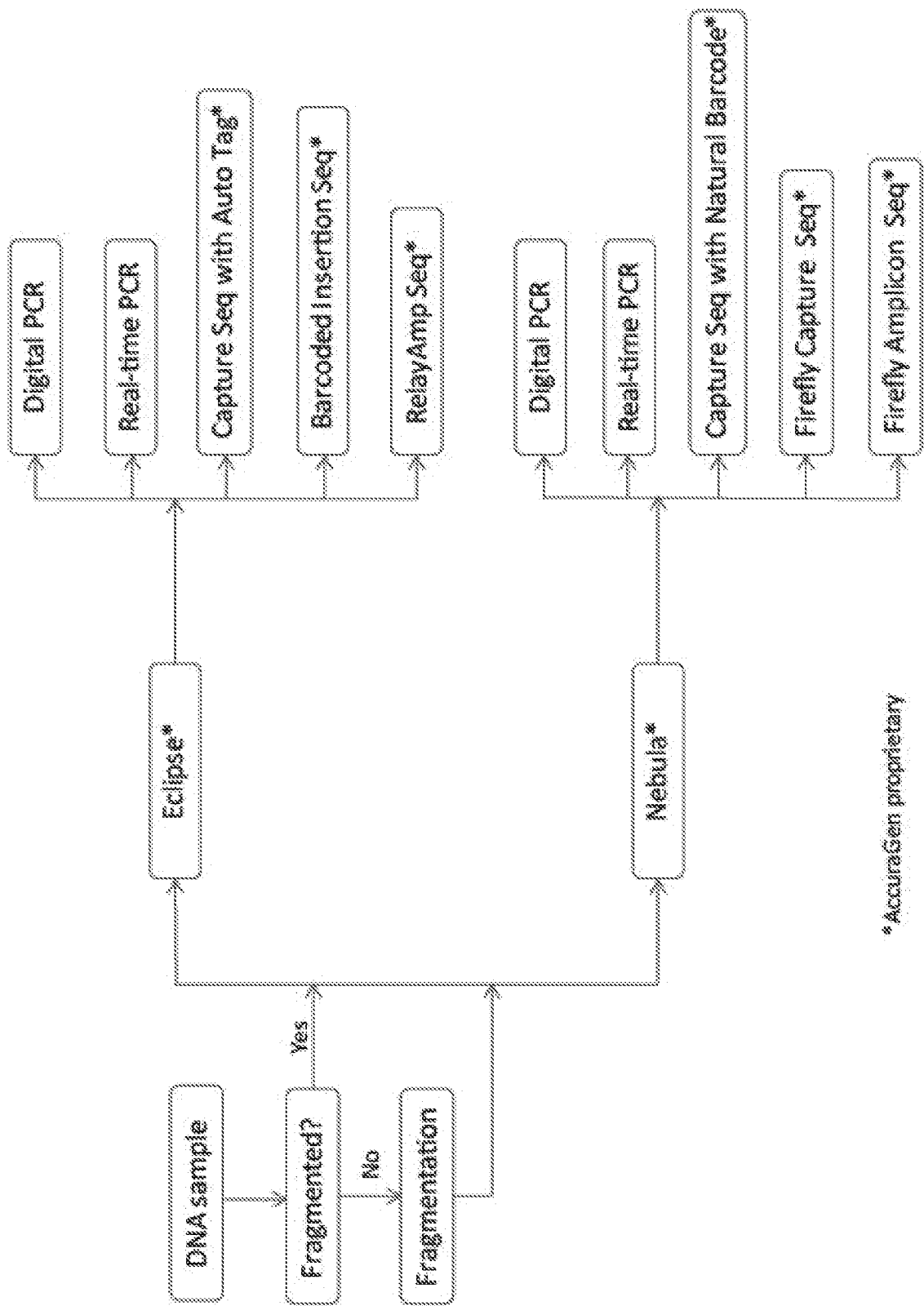


FIG. 31

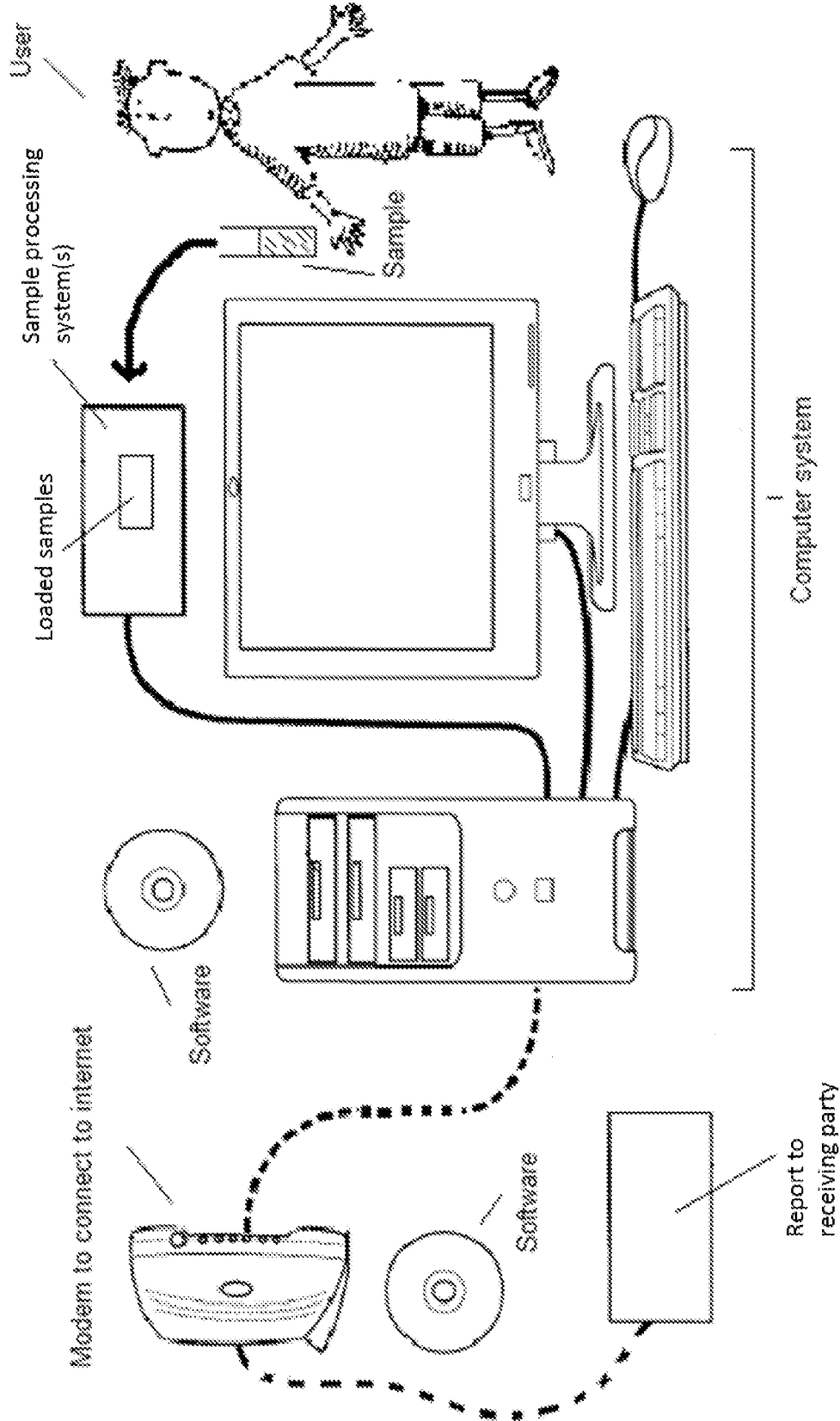


FIG. 32

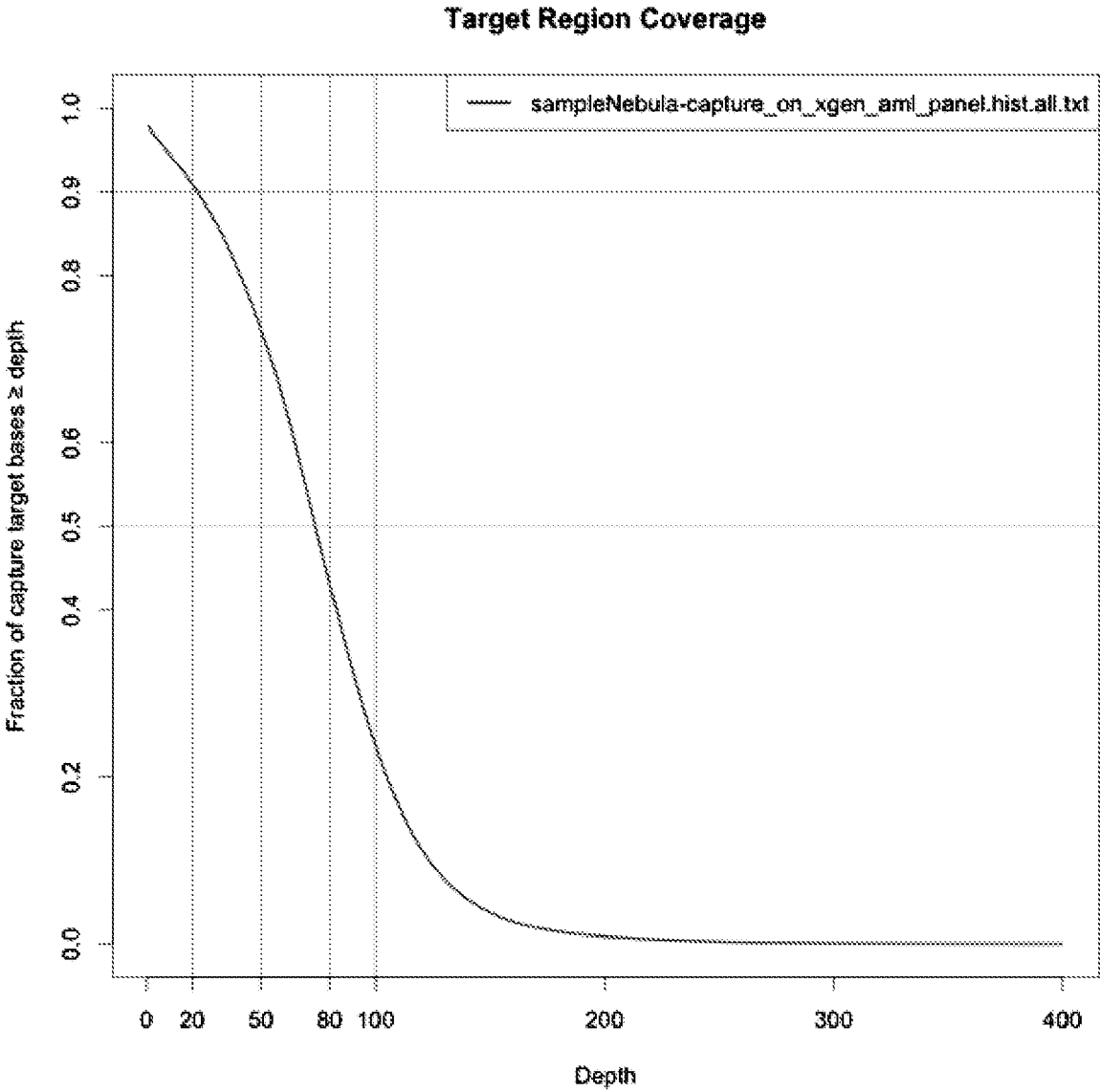


FIG. 33