

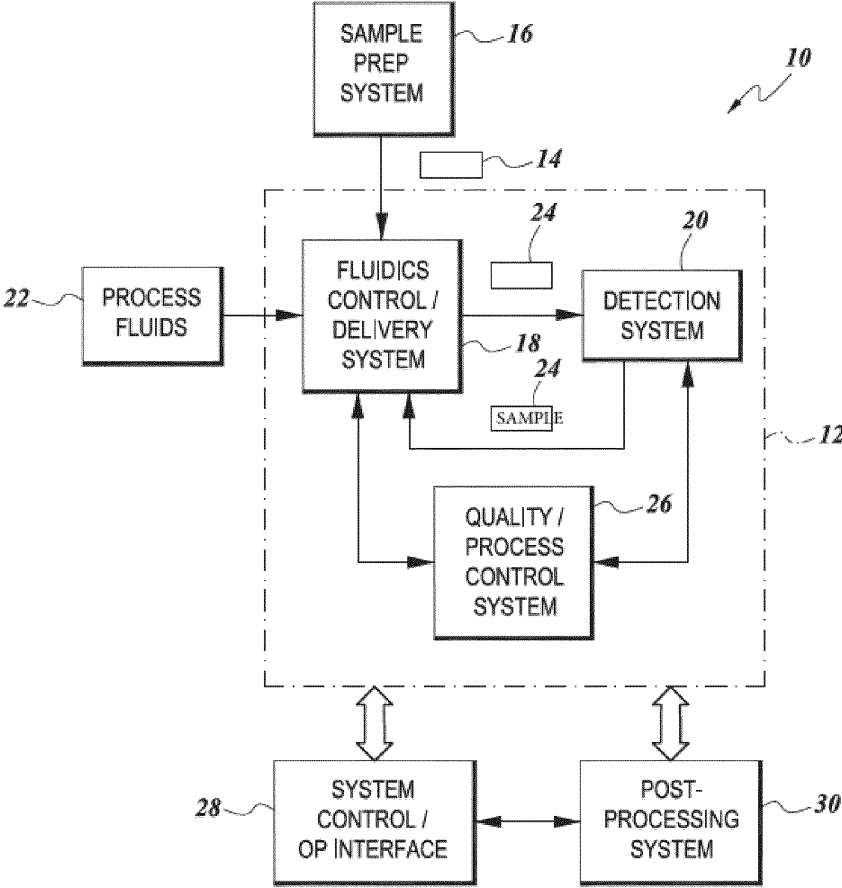


FIGURE 1

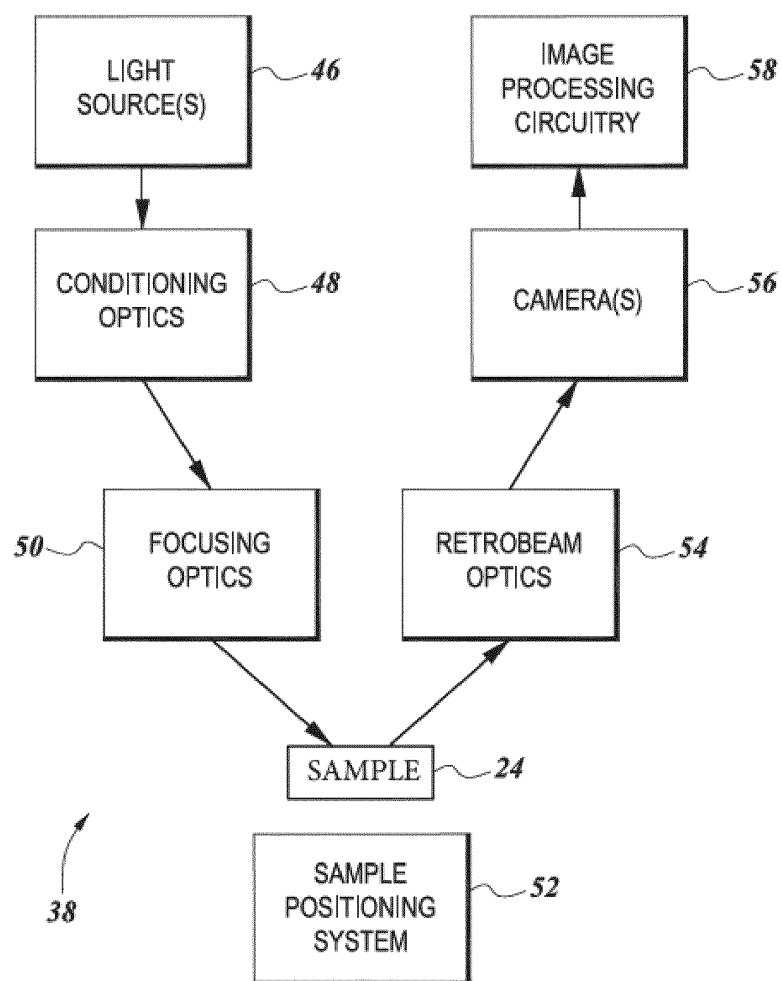


FIGURE 2

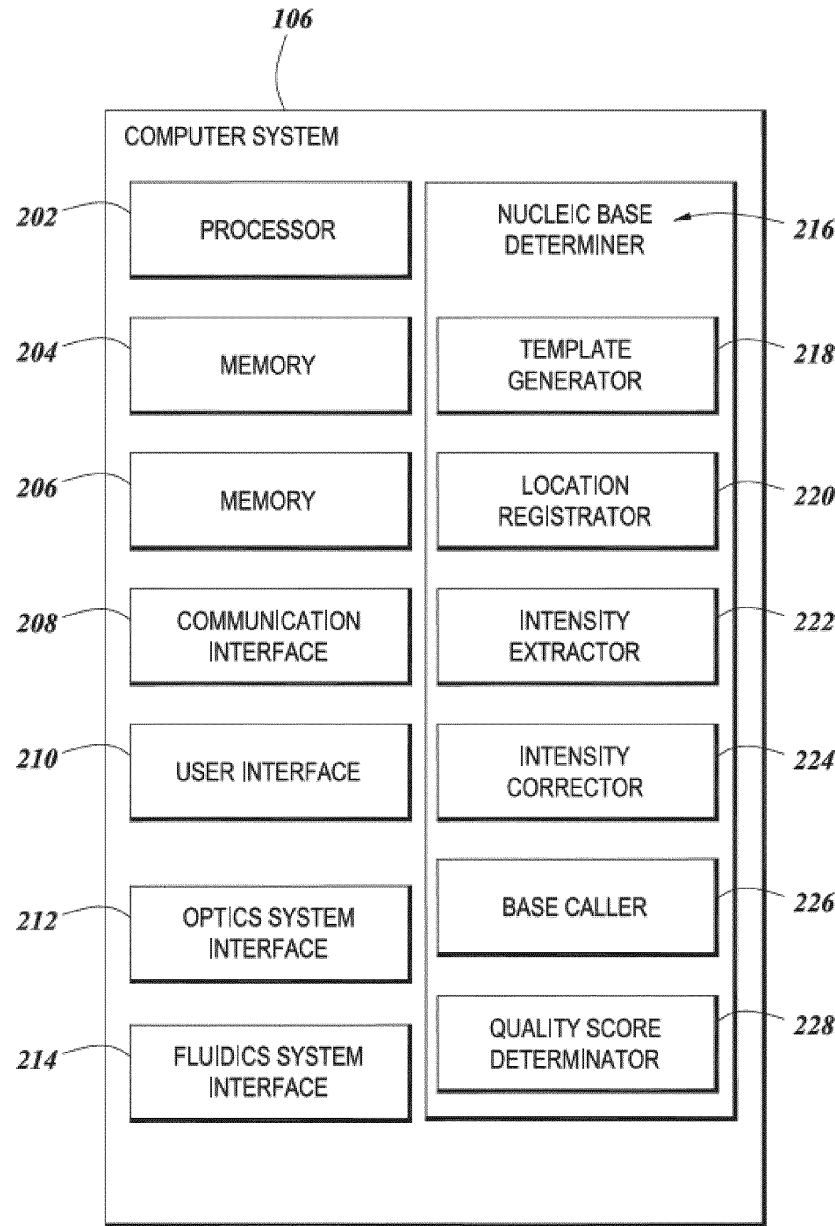
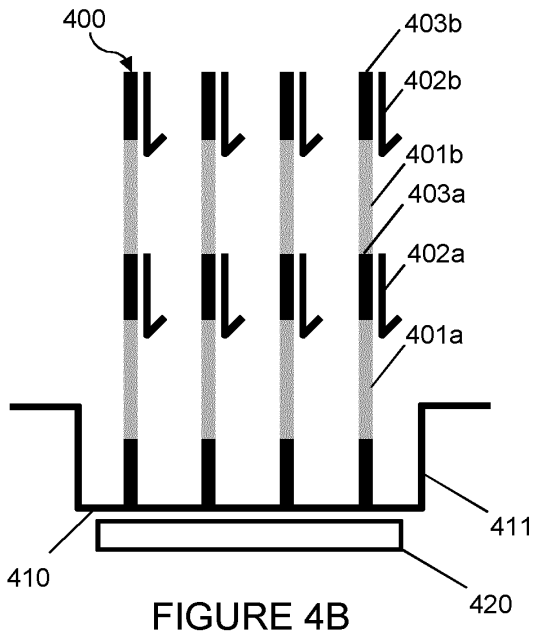
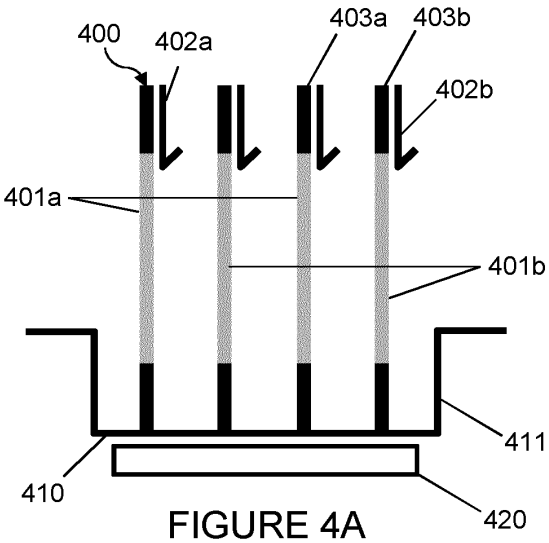


FIGURE 3



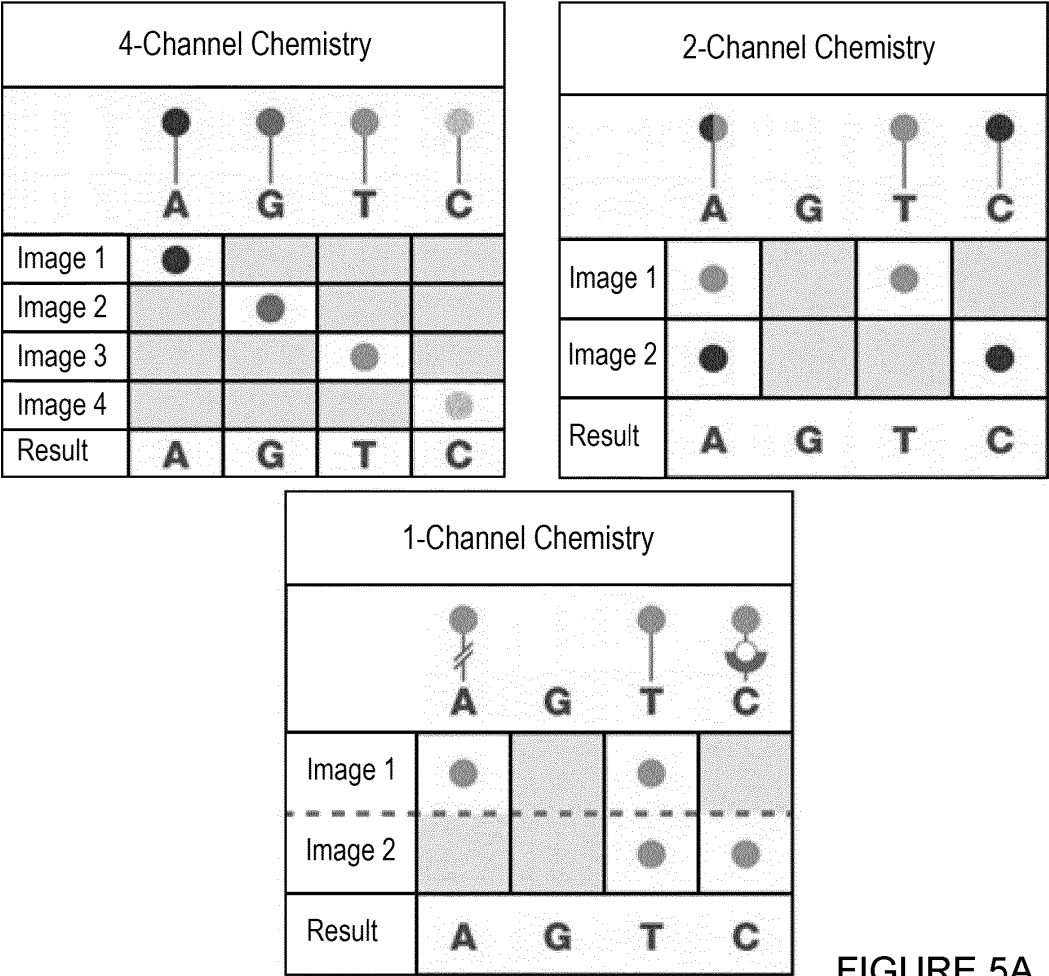


FIGURE 5A

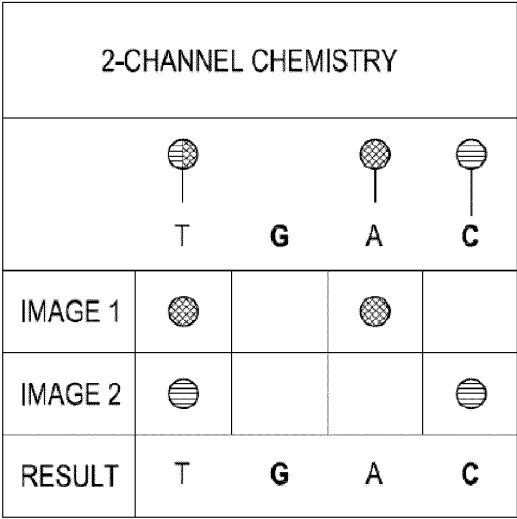


FIGURE 5B

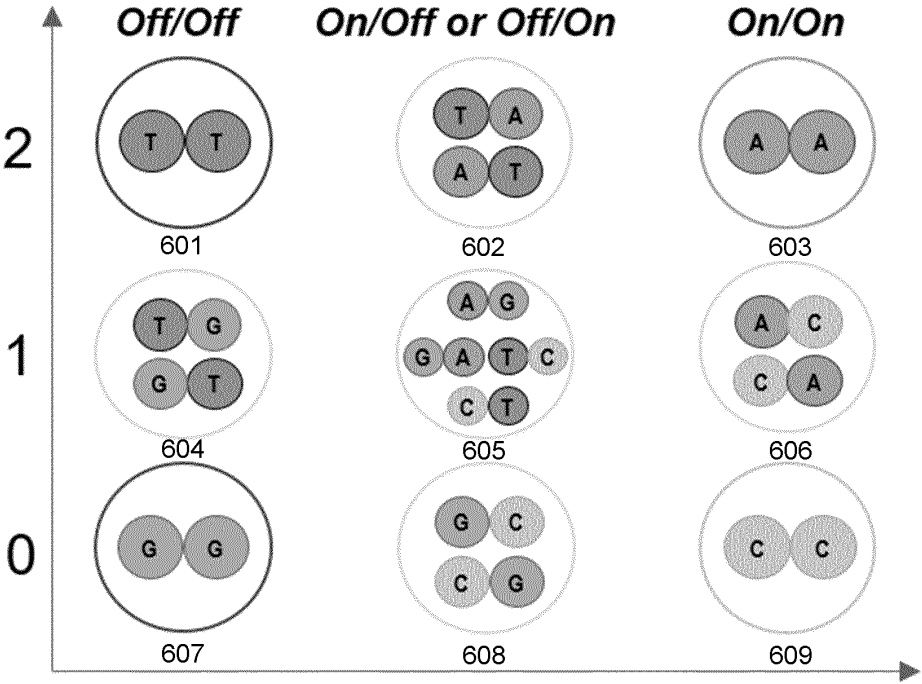


FIGURE 6

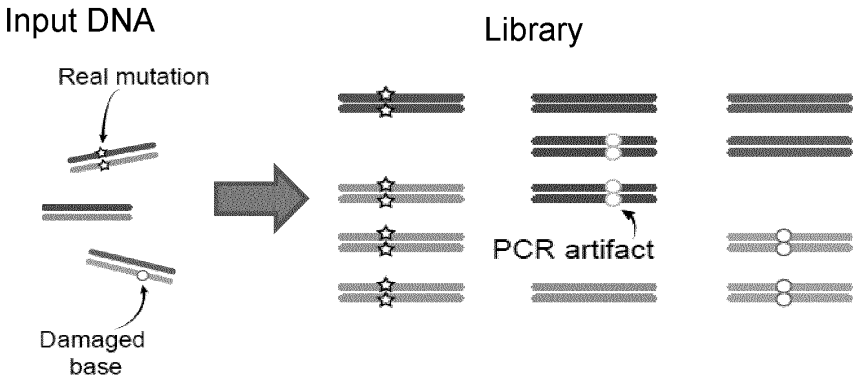


FIGURE 7

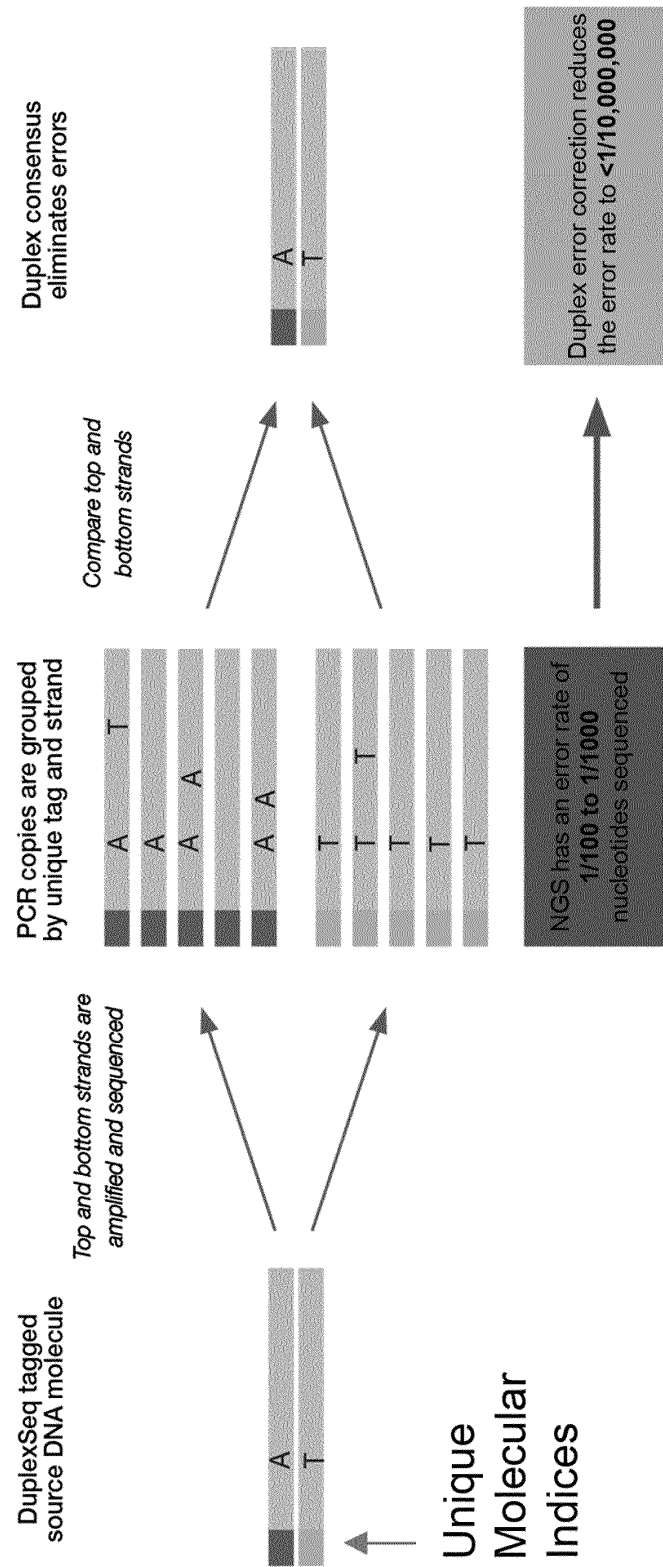


FIGURE 8

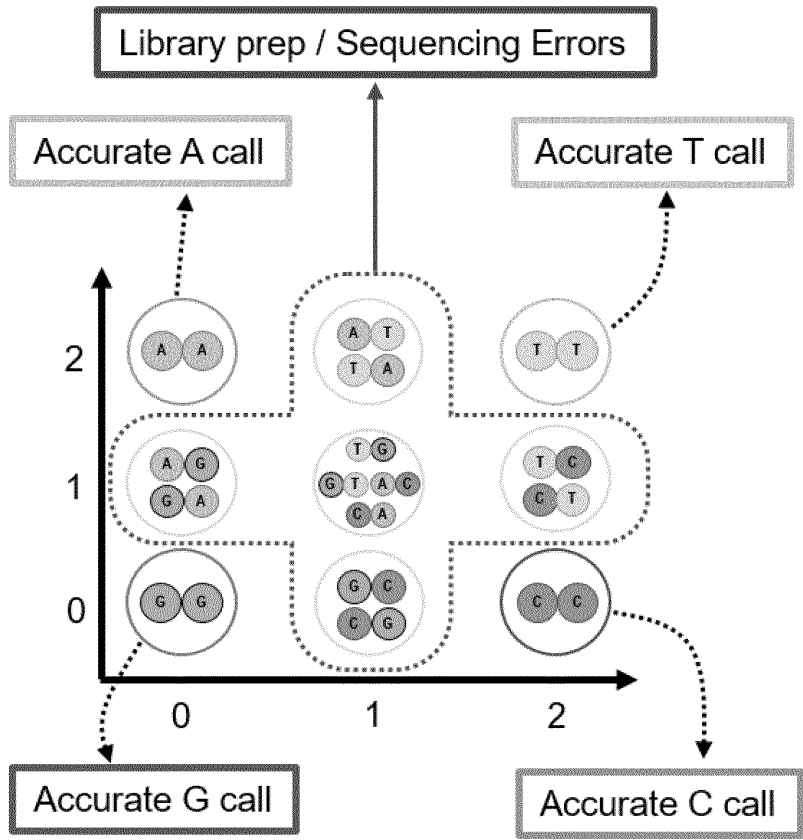


FIGURE 9

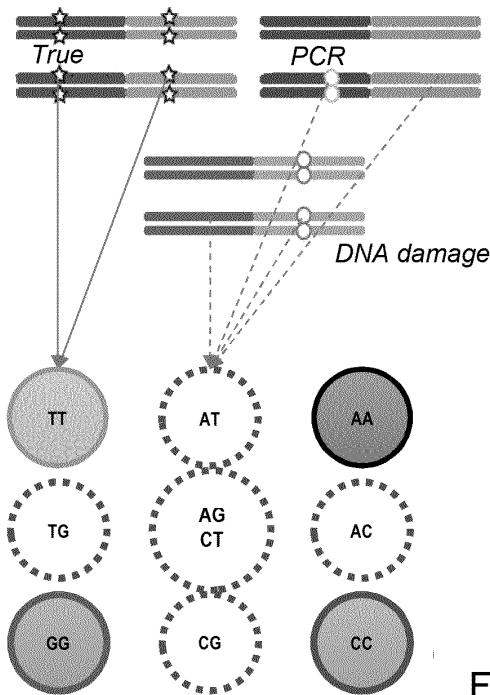


FIGURE 10

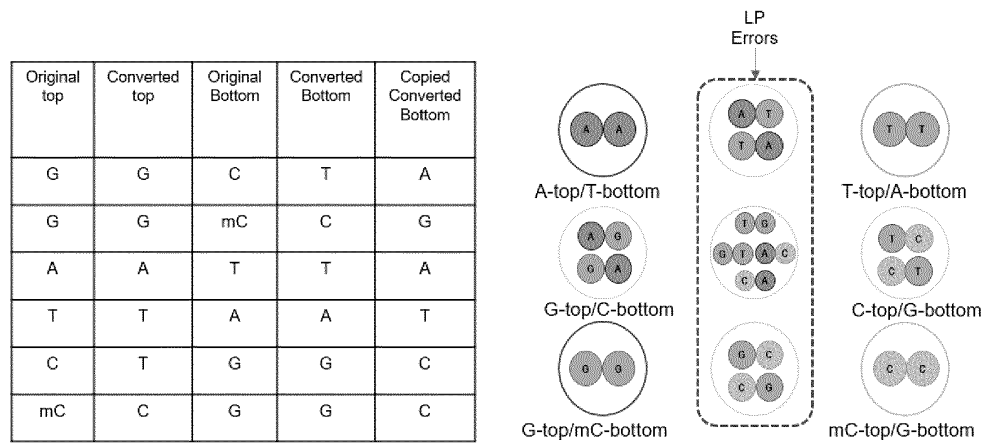


FIGURE 11

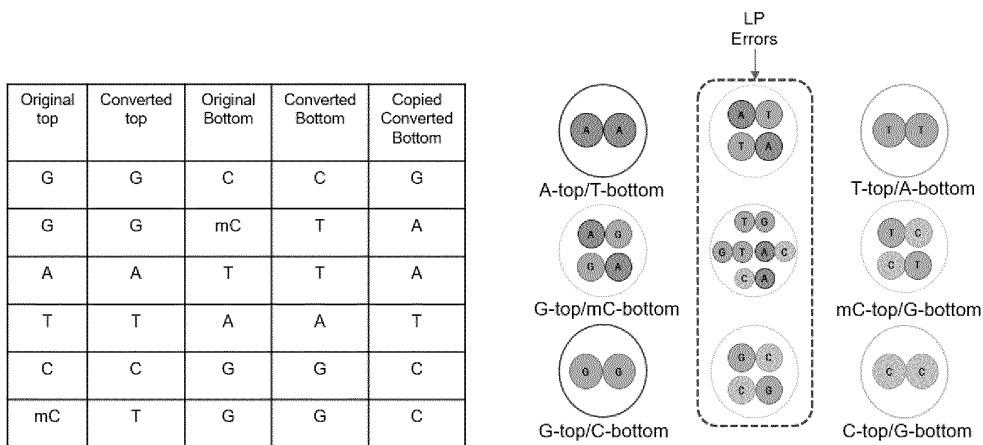


FIGURE 12

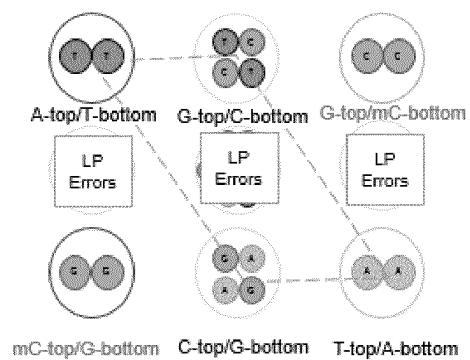


FIGURE 13

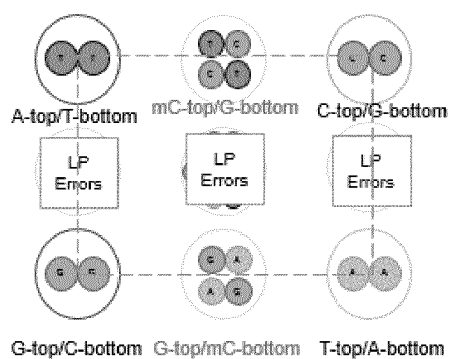


FIGURE 14

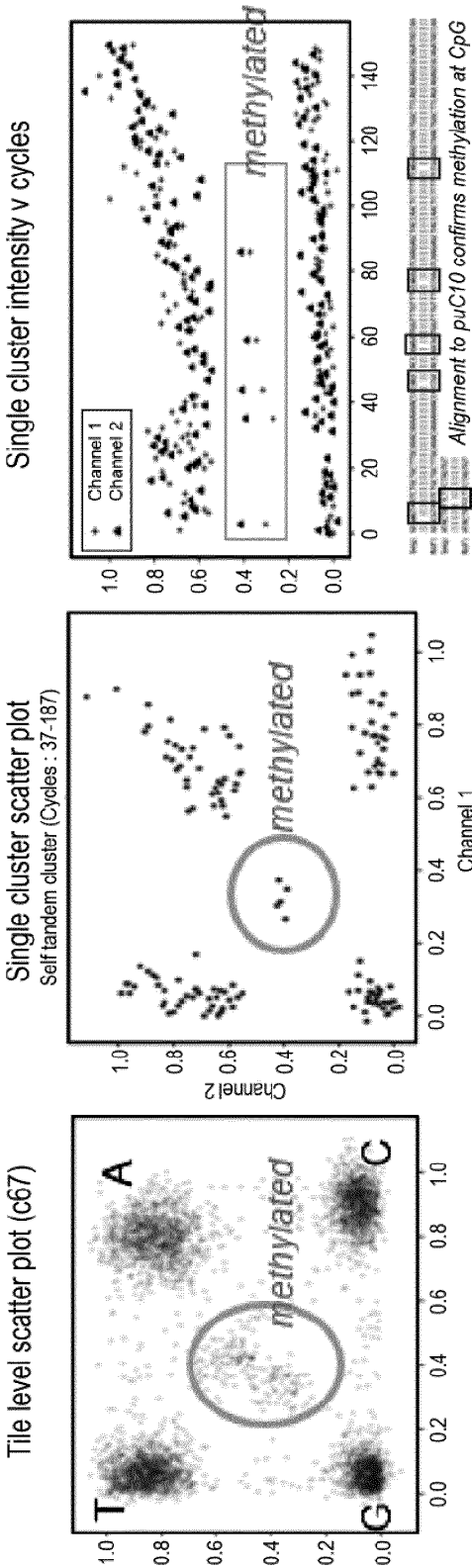


FIGURE 15

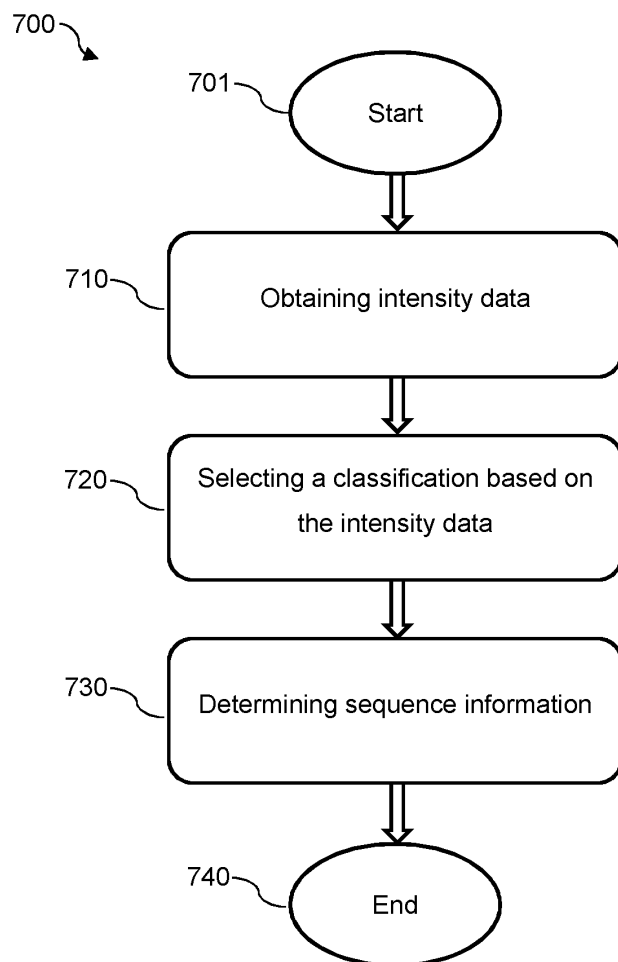


FIGURE 16

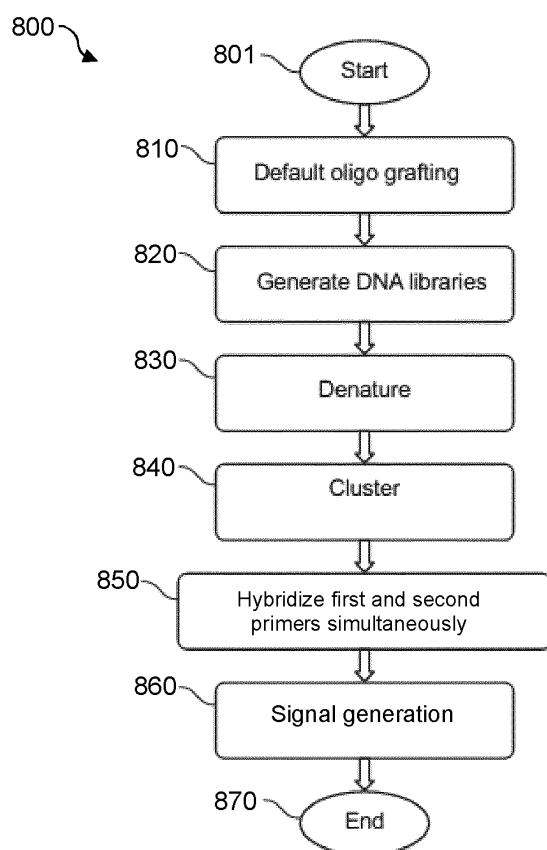


FIGURE 17

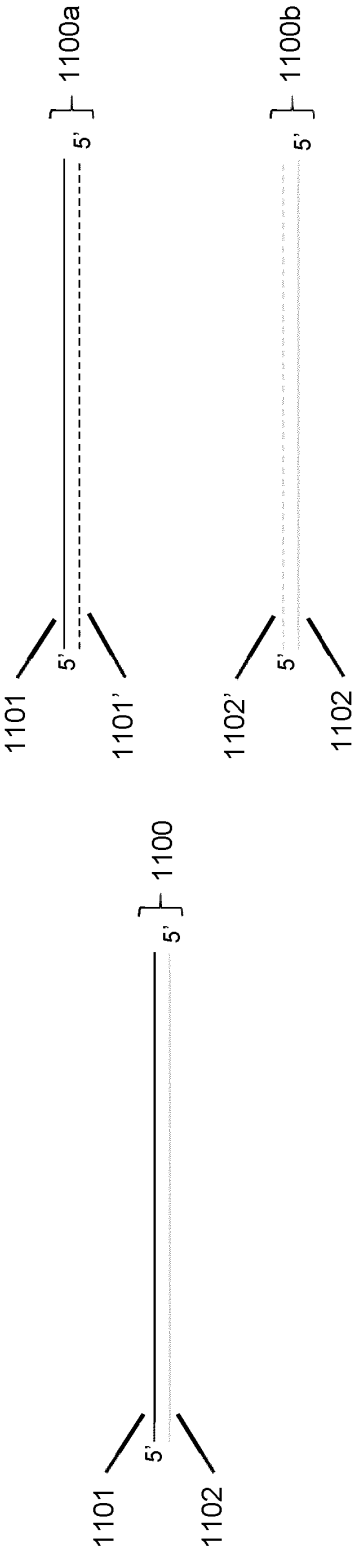


FIGURE 18

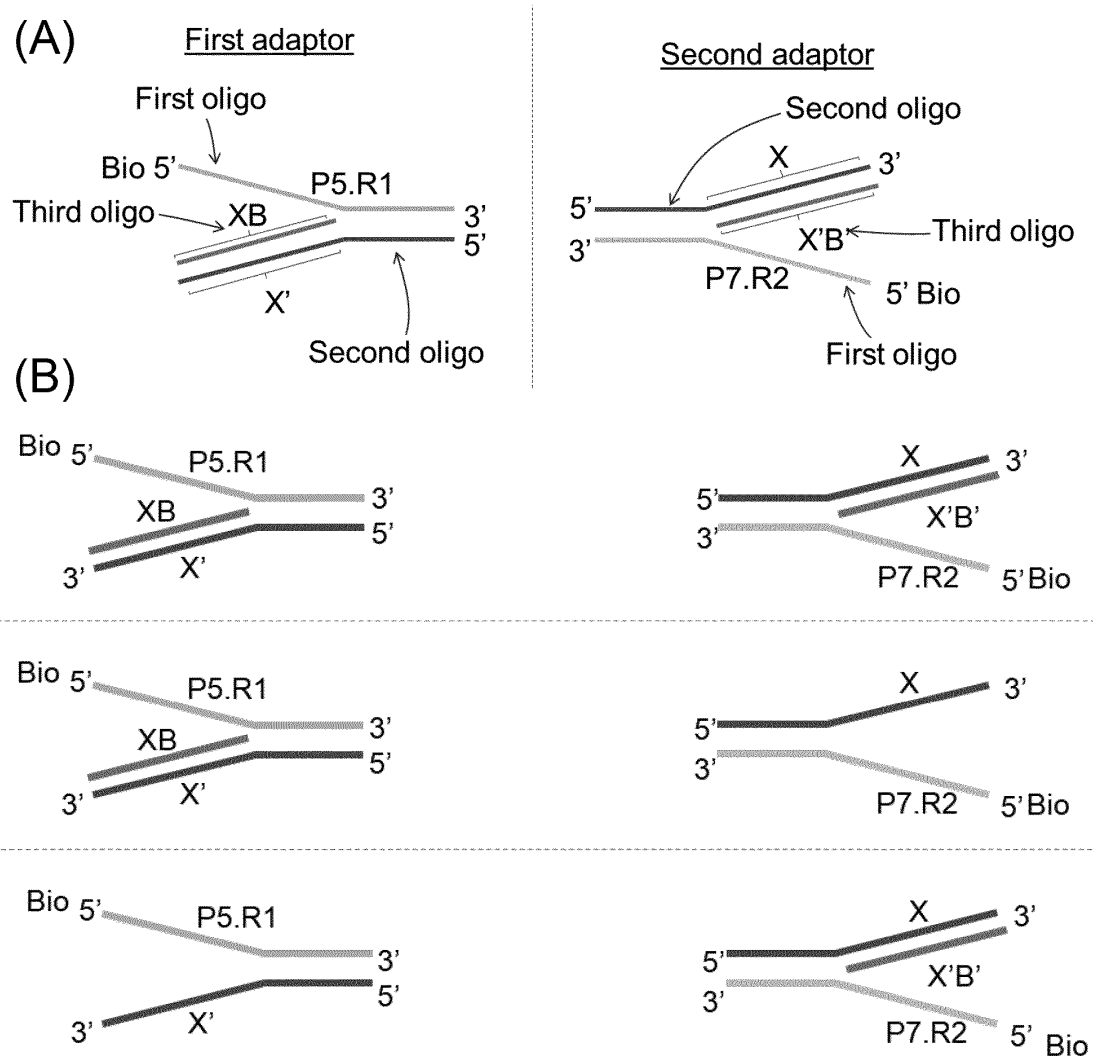
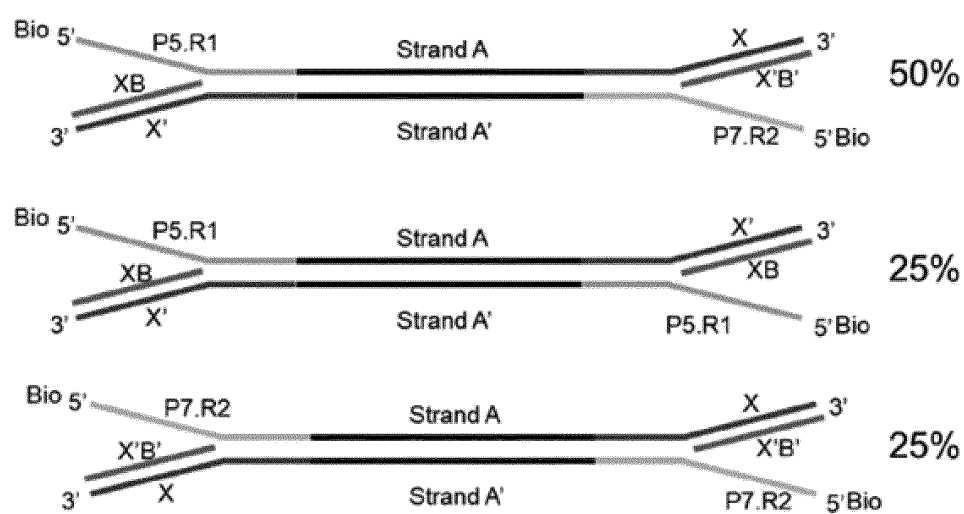


FIGURE 19

(C)

FIGURE 19
(continued)

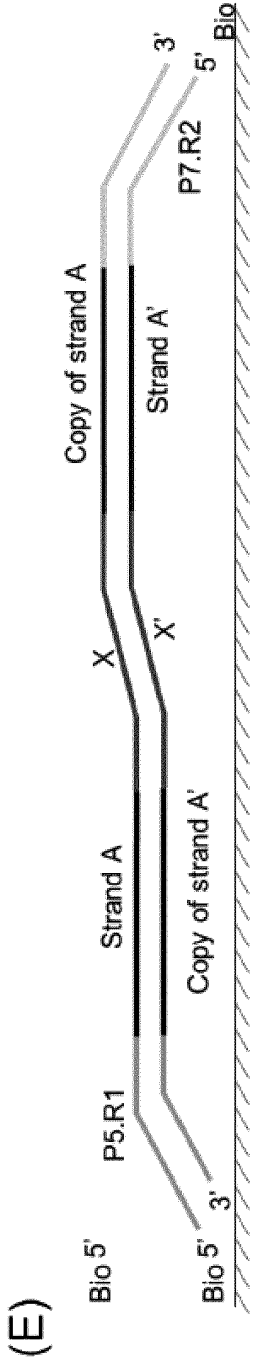
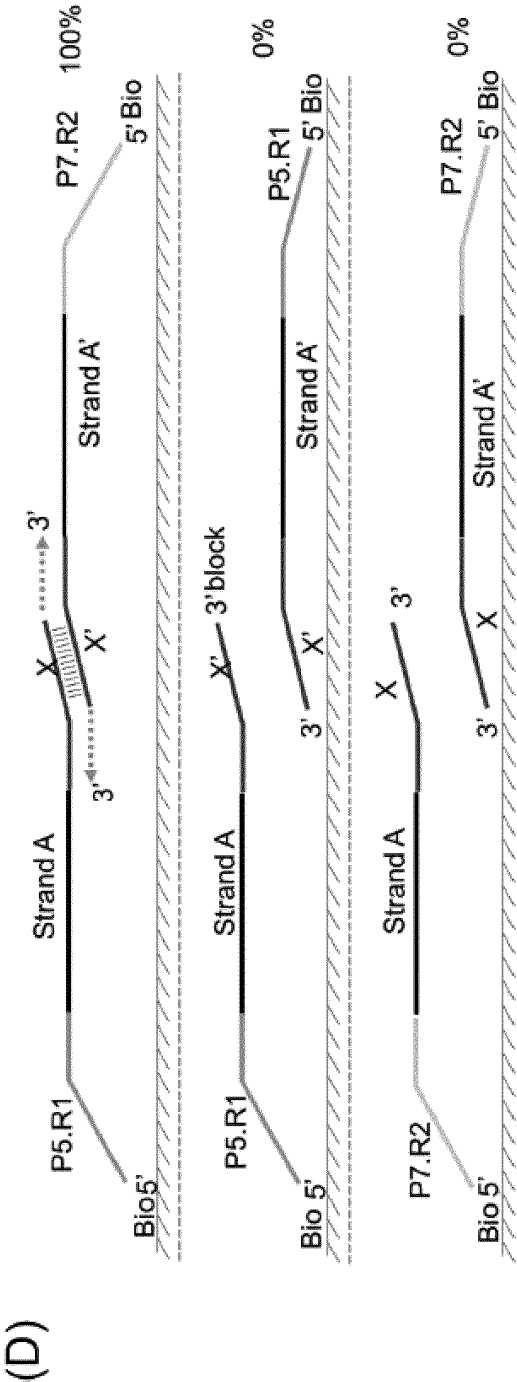


FIGURE 19 (continued)

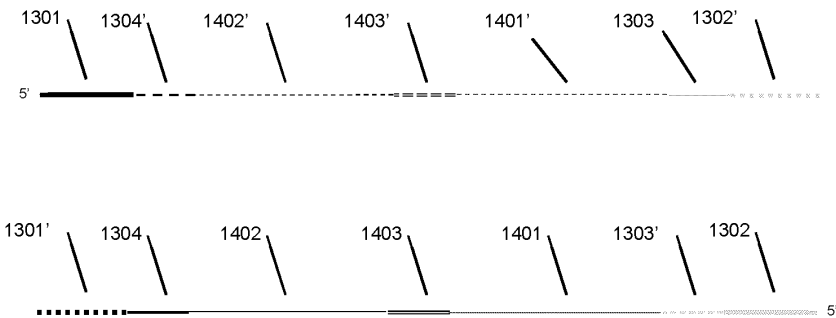


FIGURE 20

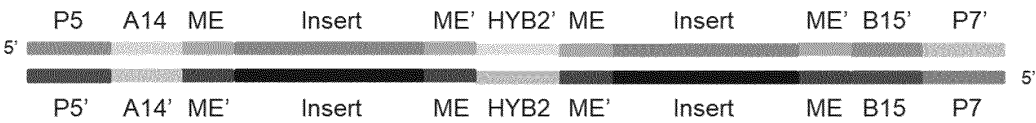


FIGURE 21

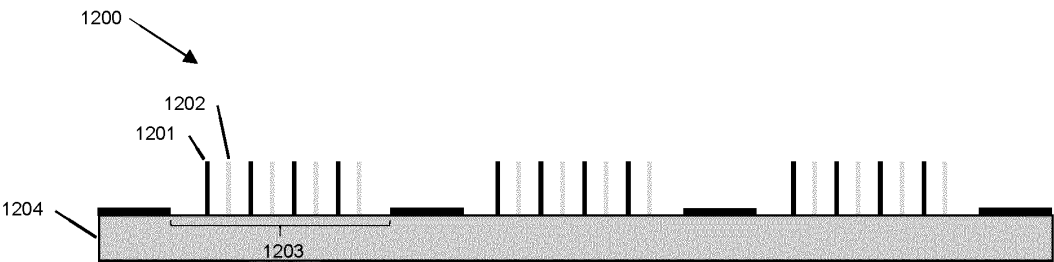
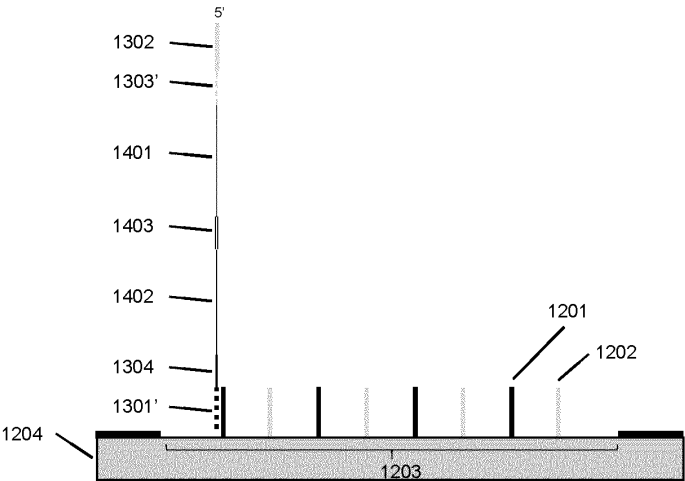


FIGURE 22

(A)



(B)

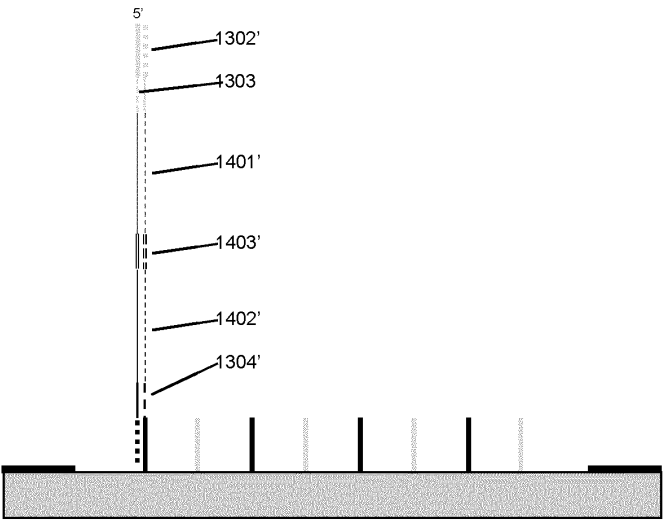
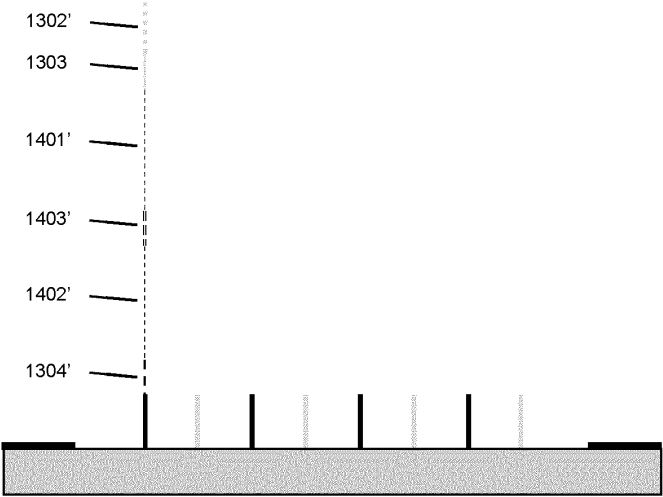


FIGURE 23

(C)



(D)

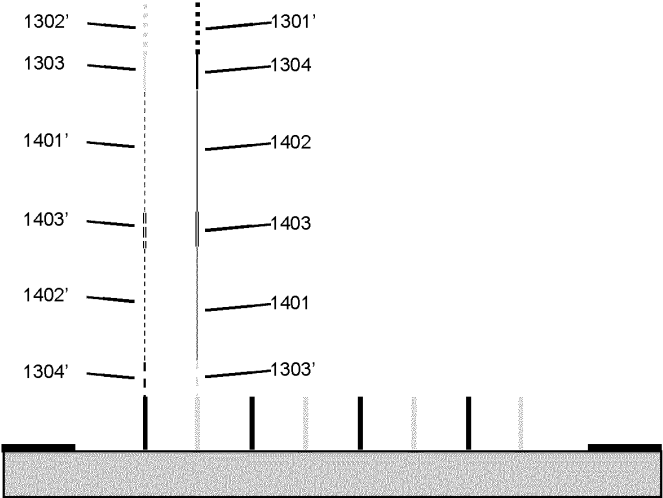
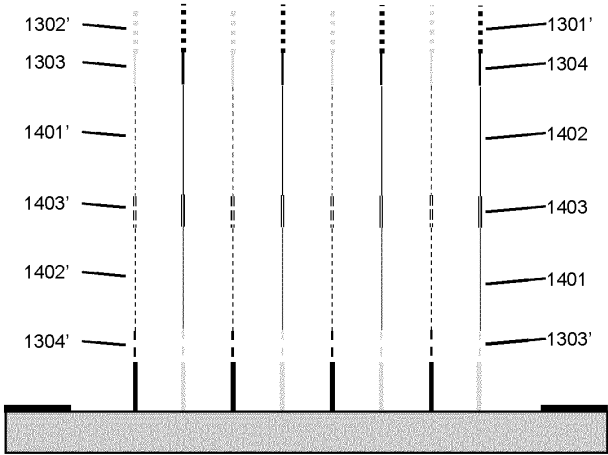


FIGURE 23 (cont.)

(E)



(F)

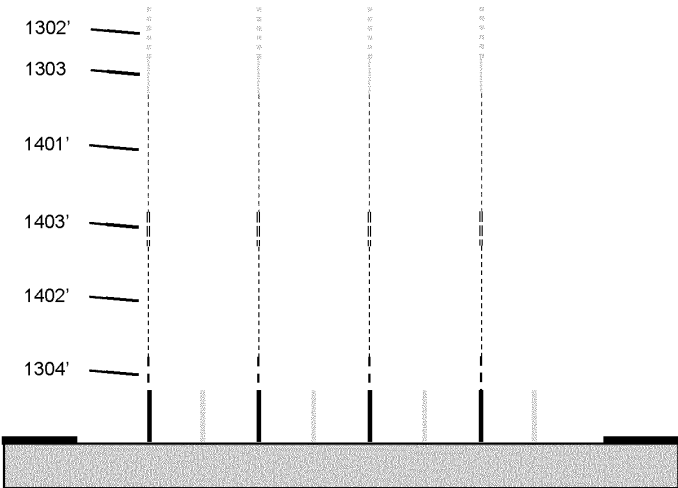


FIGURE 23 (cont.)

(A) Using C to U conversion

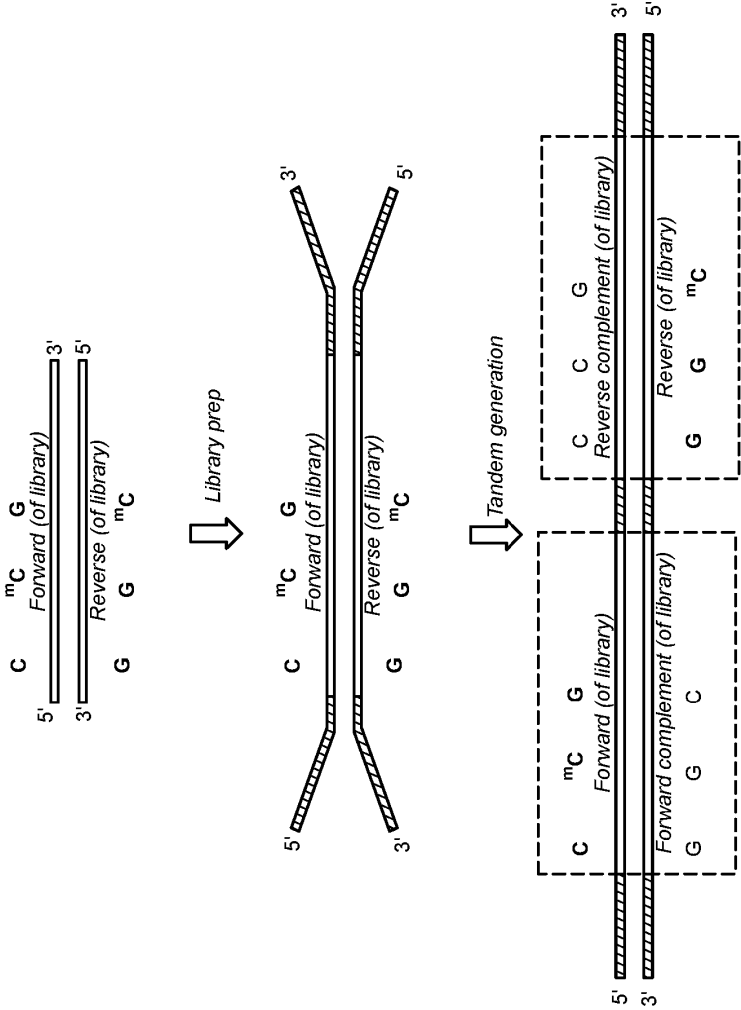


FIGURE 24

(A)

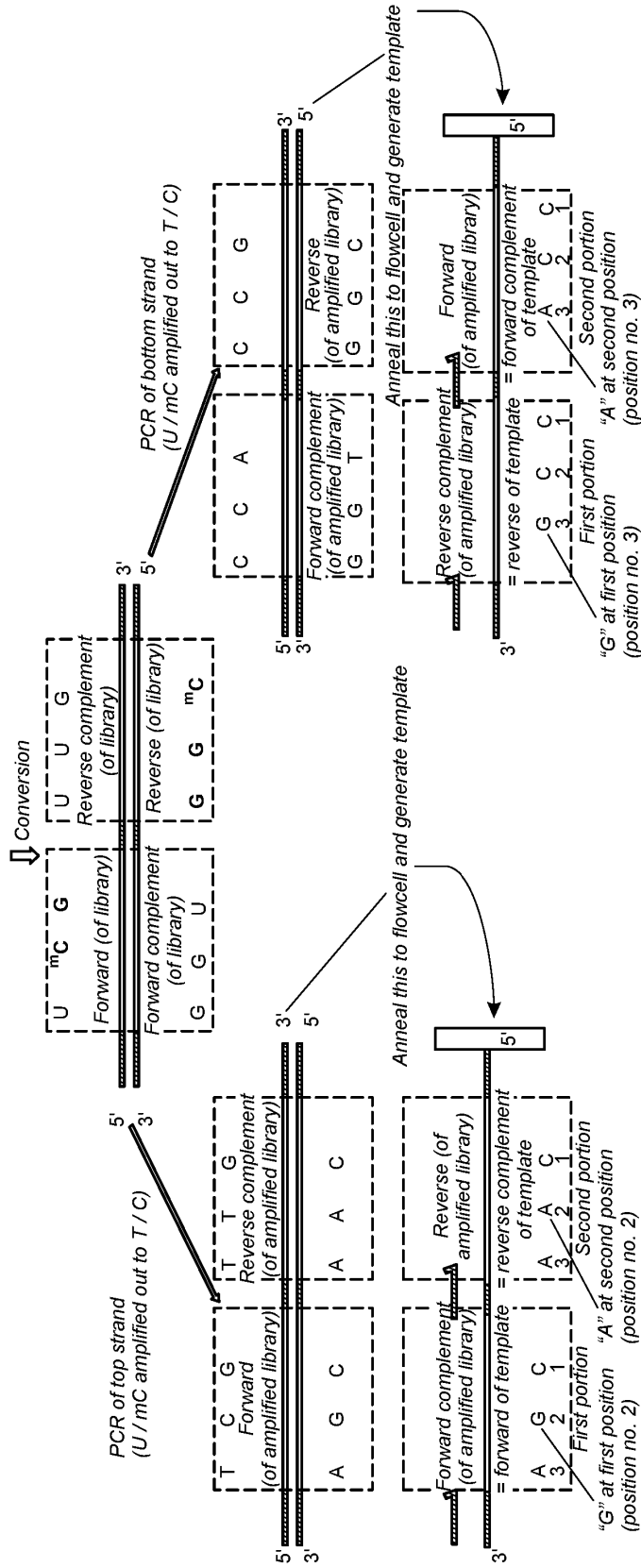


FIGURE 24 (continued)

(B) Using mC to T conversion

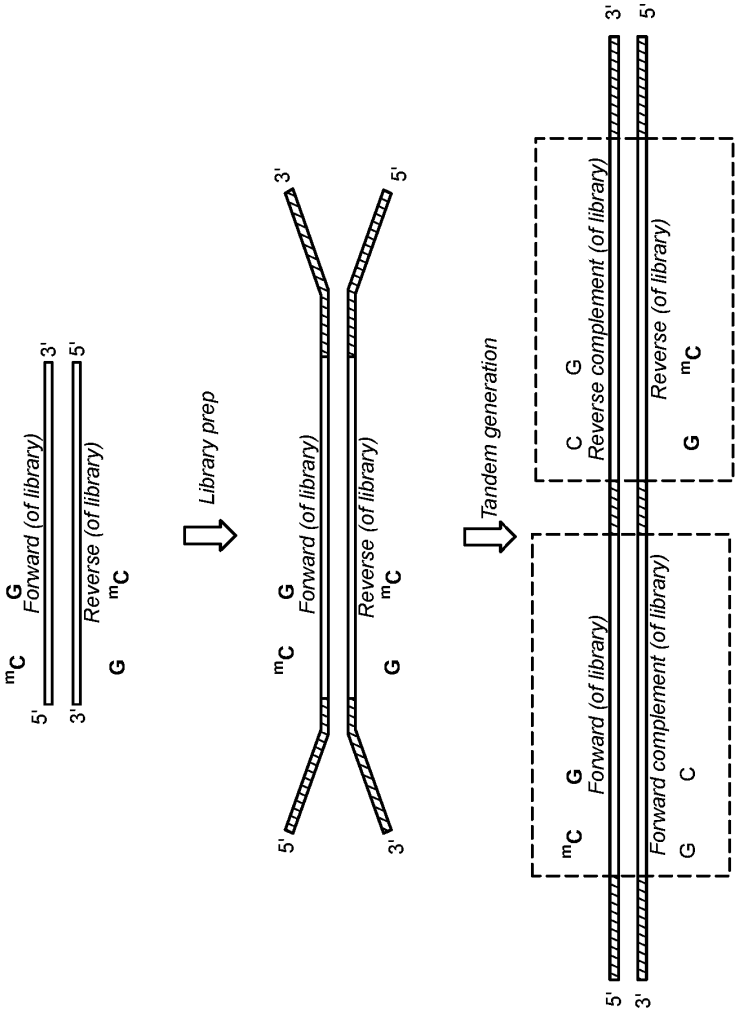


FIGURE 24 (continued)

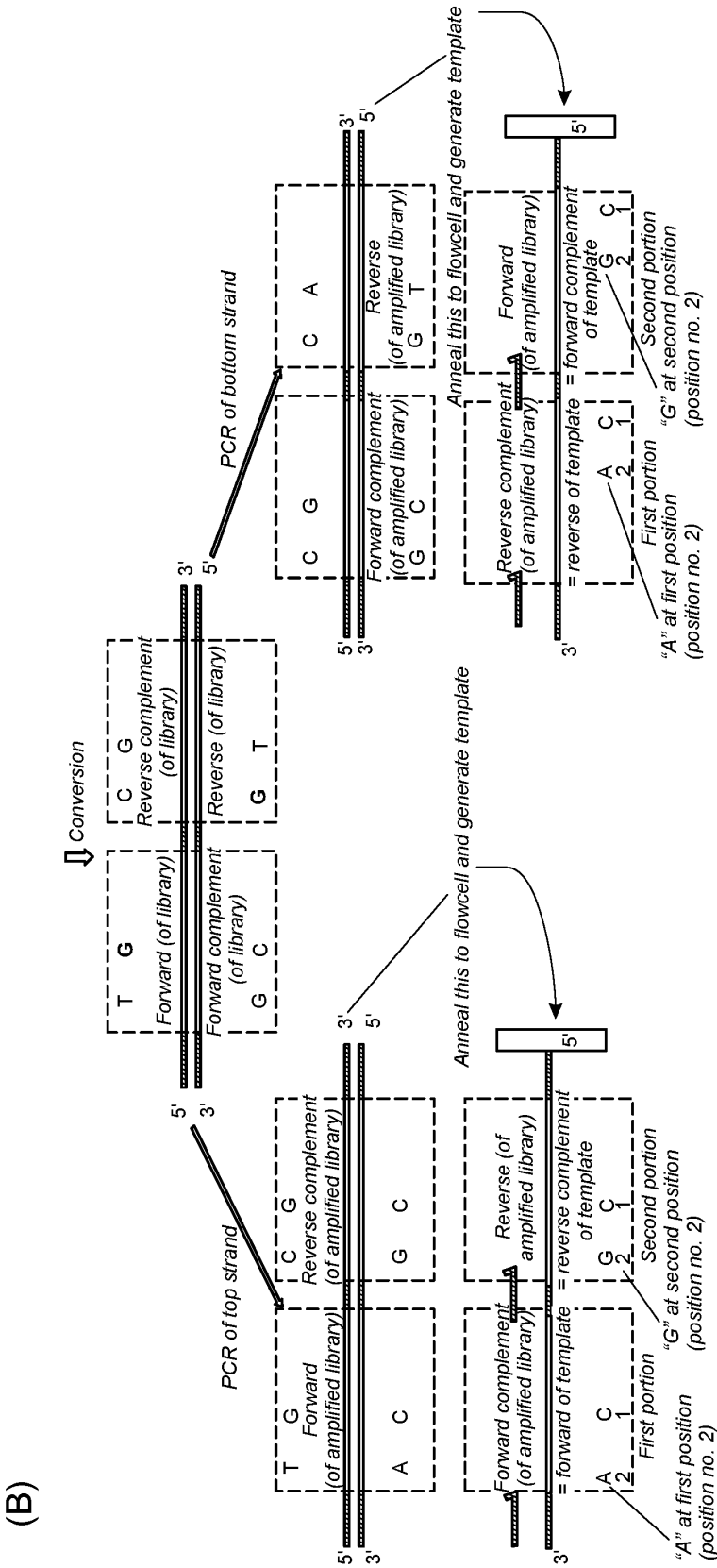


FIGURE 24 (continued)

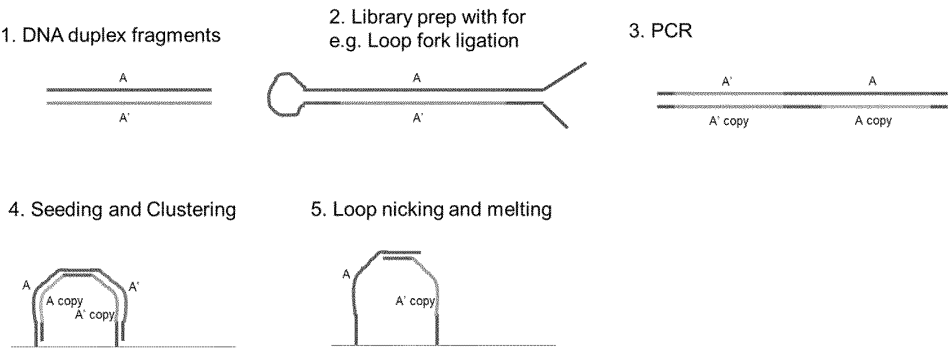


FIGURE 25

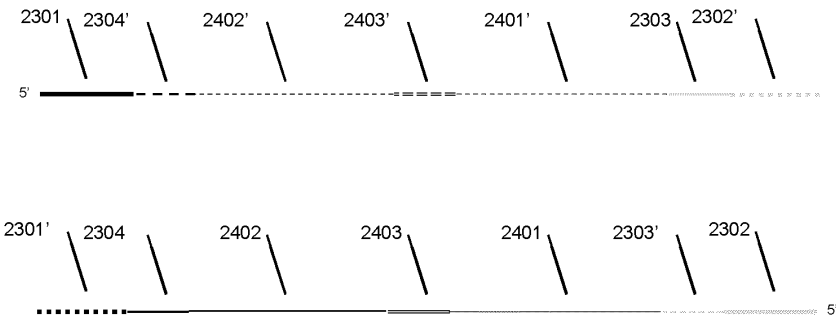


FIGURE 26

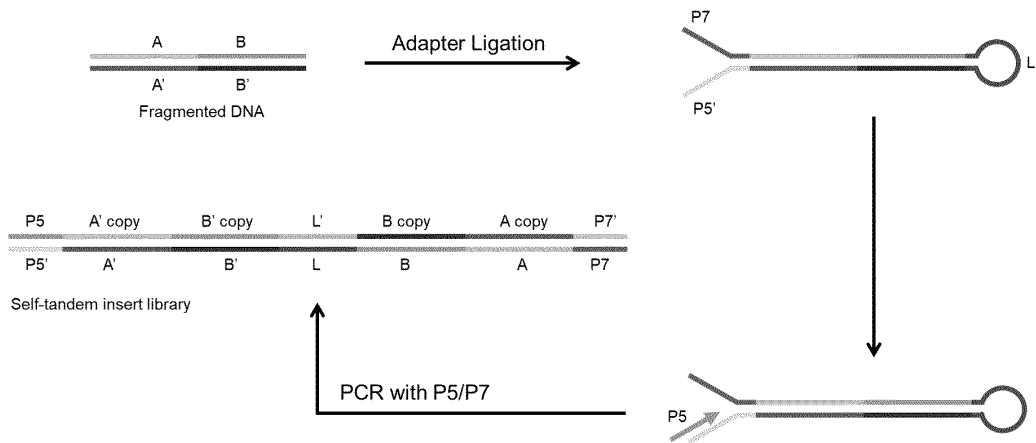


FIGURE 27

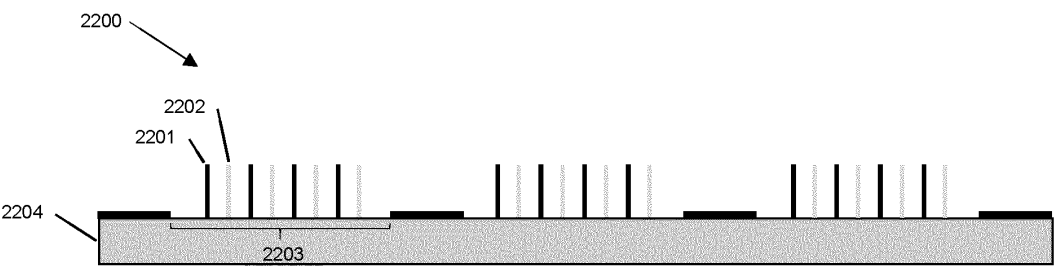
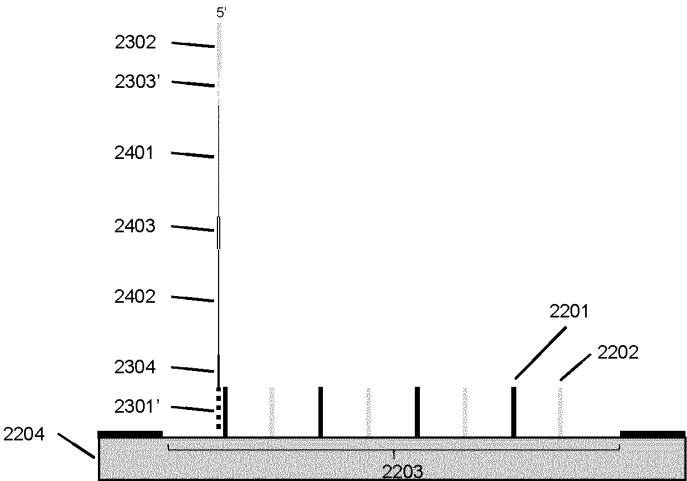


FIGURE 28

(A)



(B)

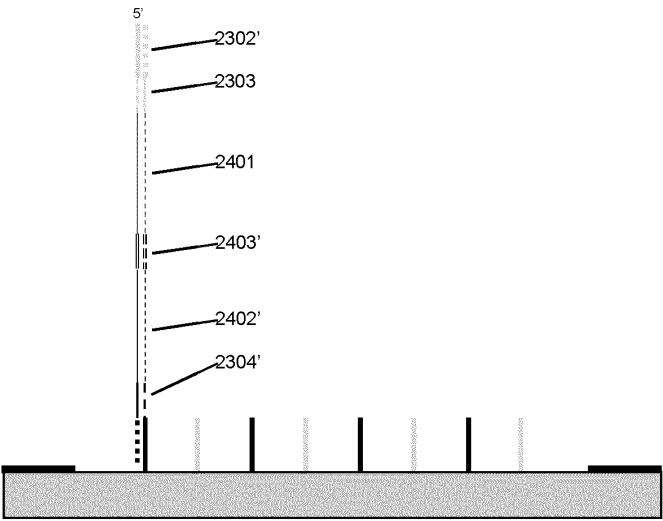
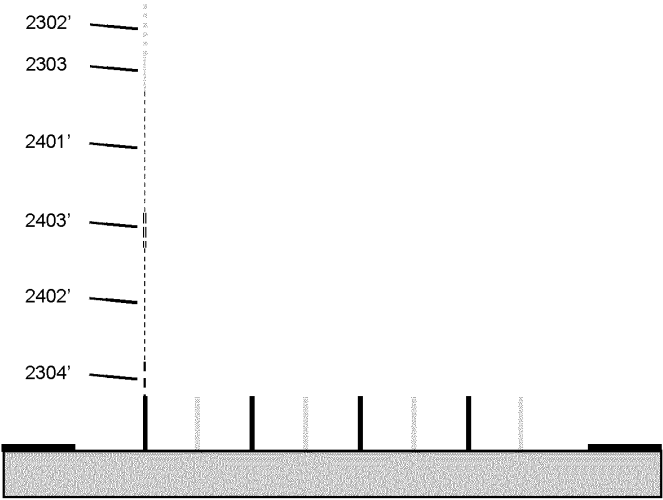


FIGURE 29

(C)



(D)

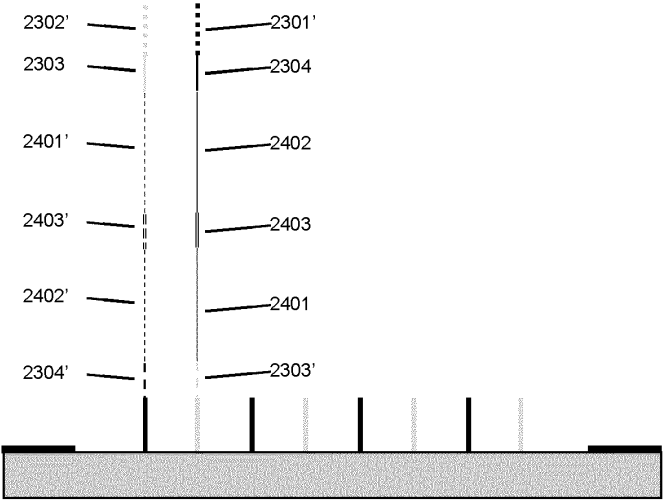


FIGURE 29 (cont.)

(E)

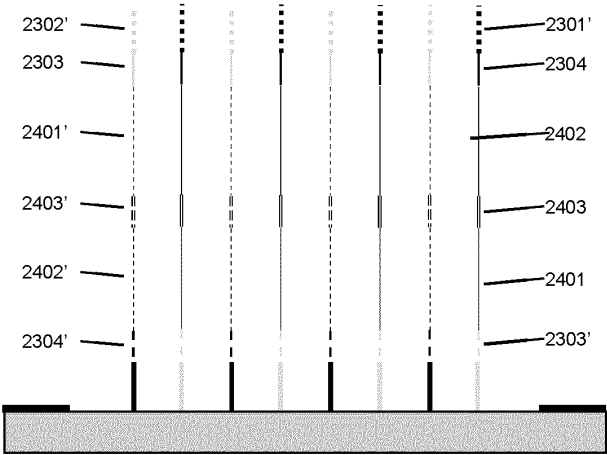


FIGURE 29 (cont.)

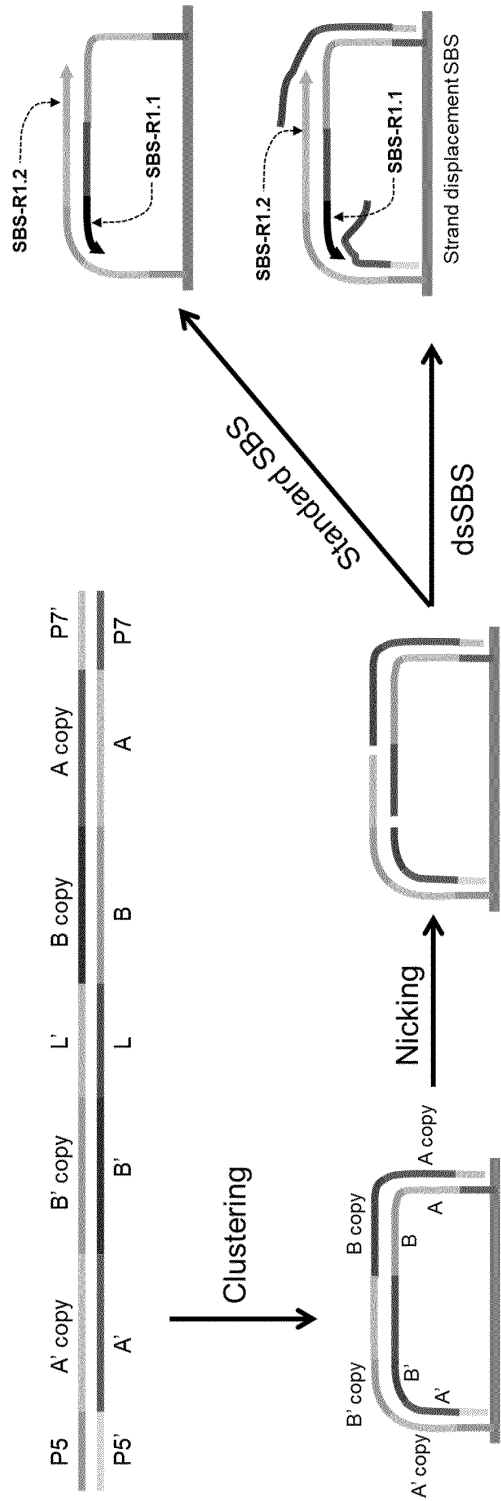


FIGURE 30

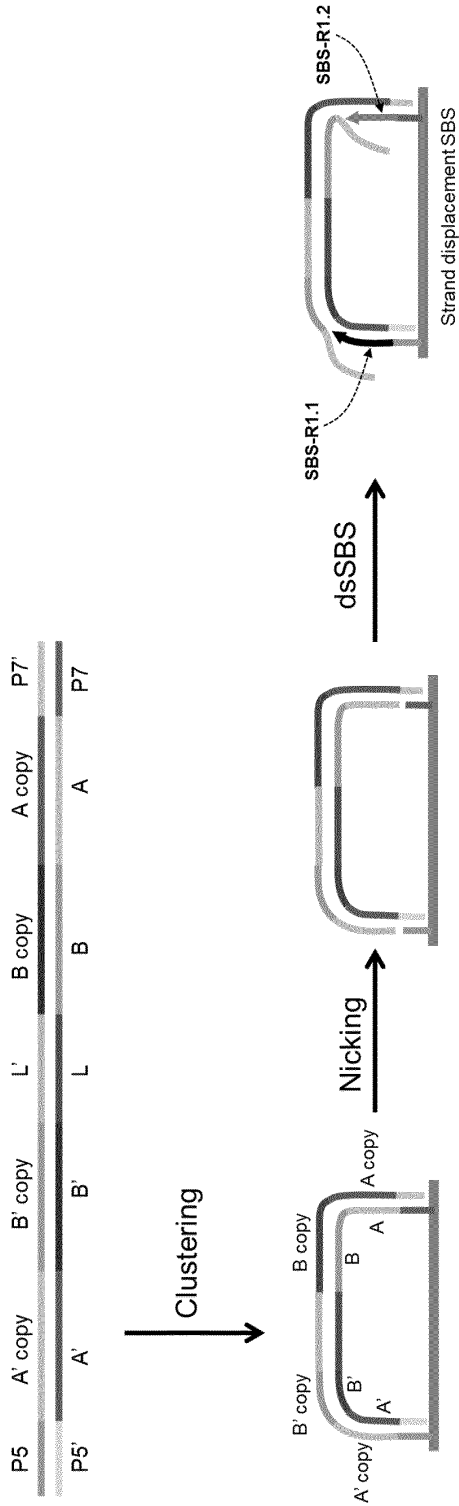


FIGURE 31

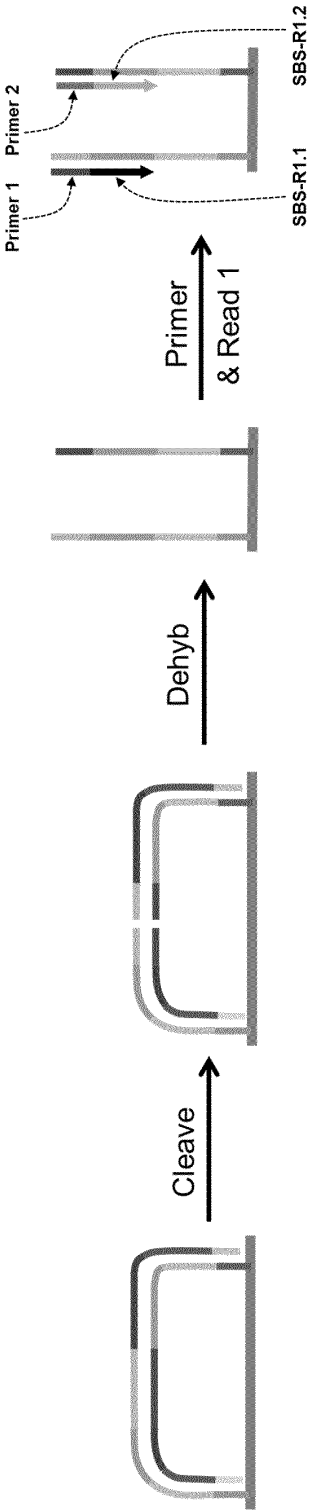


FIGURE 32

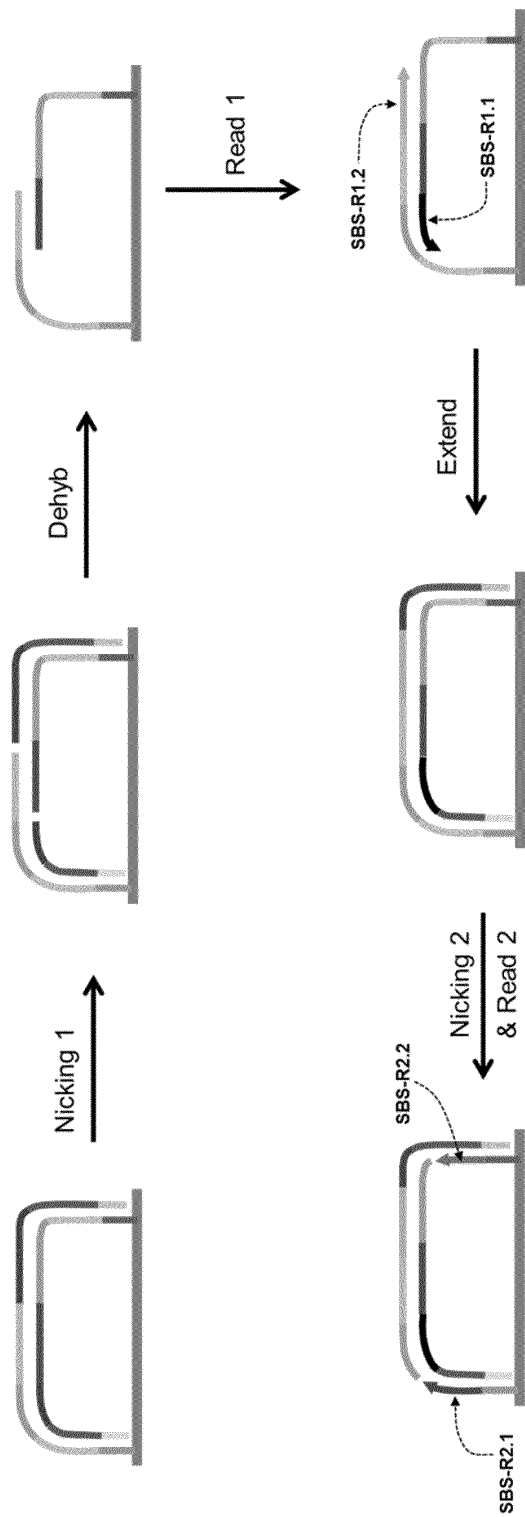


FIGURE 33

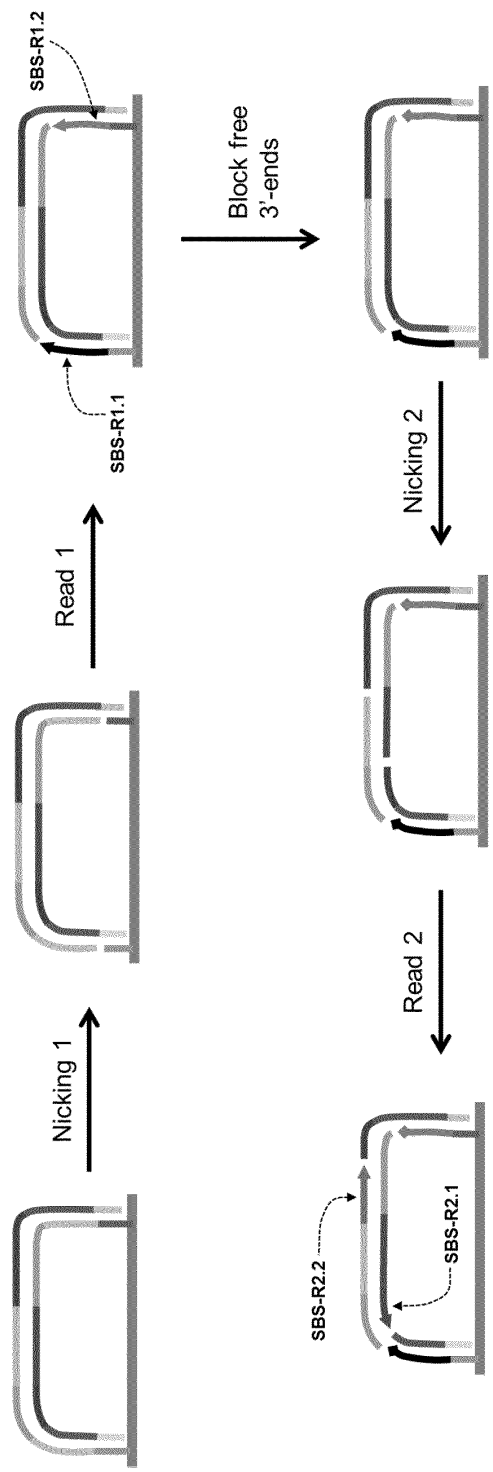


FIGURE 34

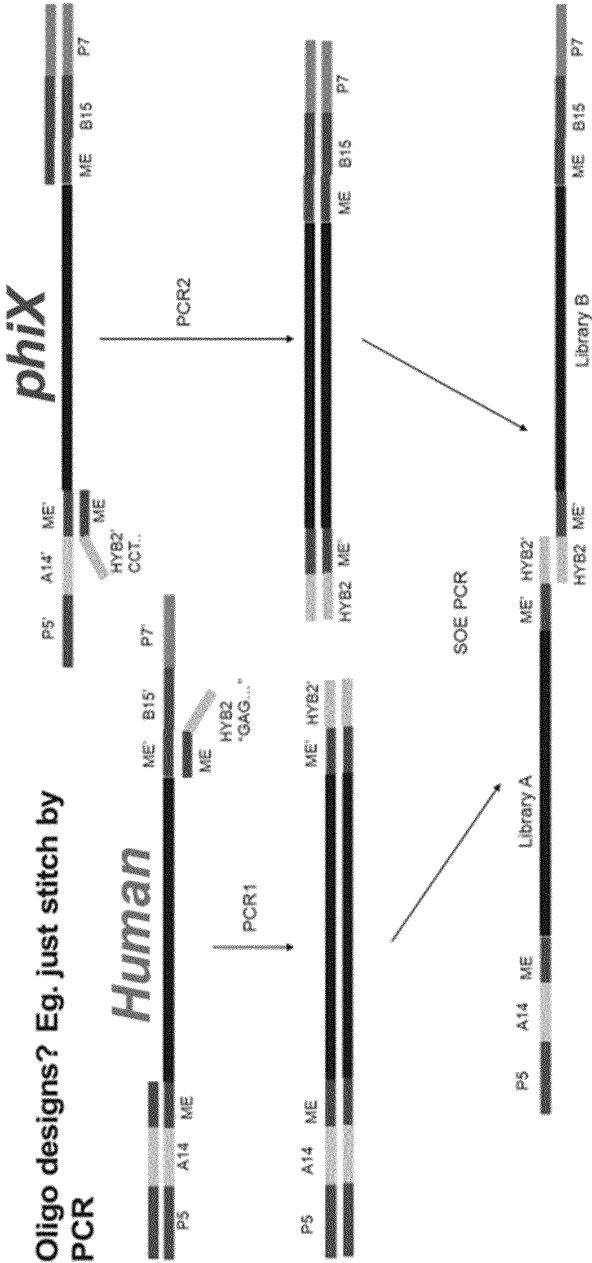


FIGURE 35

SEQ ID
NO: 75

1 ggcgccaata cgcaaacgc cctcctccgc gcattggccg attcattaat gcagctggca
61 cgacaggttt cccgactgga aagcgggcag tgagcgcac gcaattaatg tgagttagct
121 cactcattag gcaccccagg ctttacactt tatgcttcg gctcgtatgt tgtgtggaat
181 tgtgagcgga taacaattc acacaggaag cagctatgac catgattacg ccaagcttgc
241 atgctgcag gtgcactcta gaggatcccc gggtagccag ctggaattca ctgcccgtcg
301 ttttacaacg tctgtactgg gaaaacctg gcgttaccga acttaatcgc cttgcagcac
361 atcccccttt cgccagctgc cgtaatagcg aagagggccc caccgacctt ccttcccaac
421 agttgcgag cctgaatggc gaattggccc tgatgcgga ttttctcctt acgcatctgt
481 gcggtatttc acaccgcata tgggtcactc tcagtacaa ctgctctgat ccgcgatag

FIGURE 36

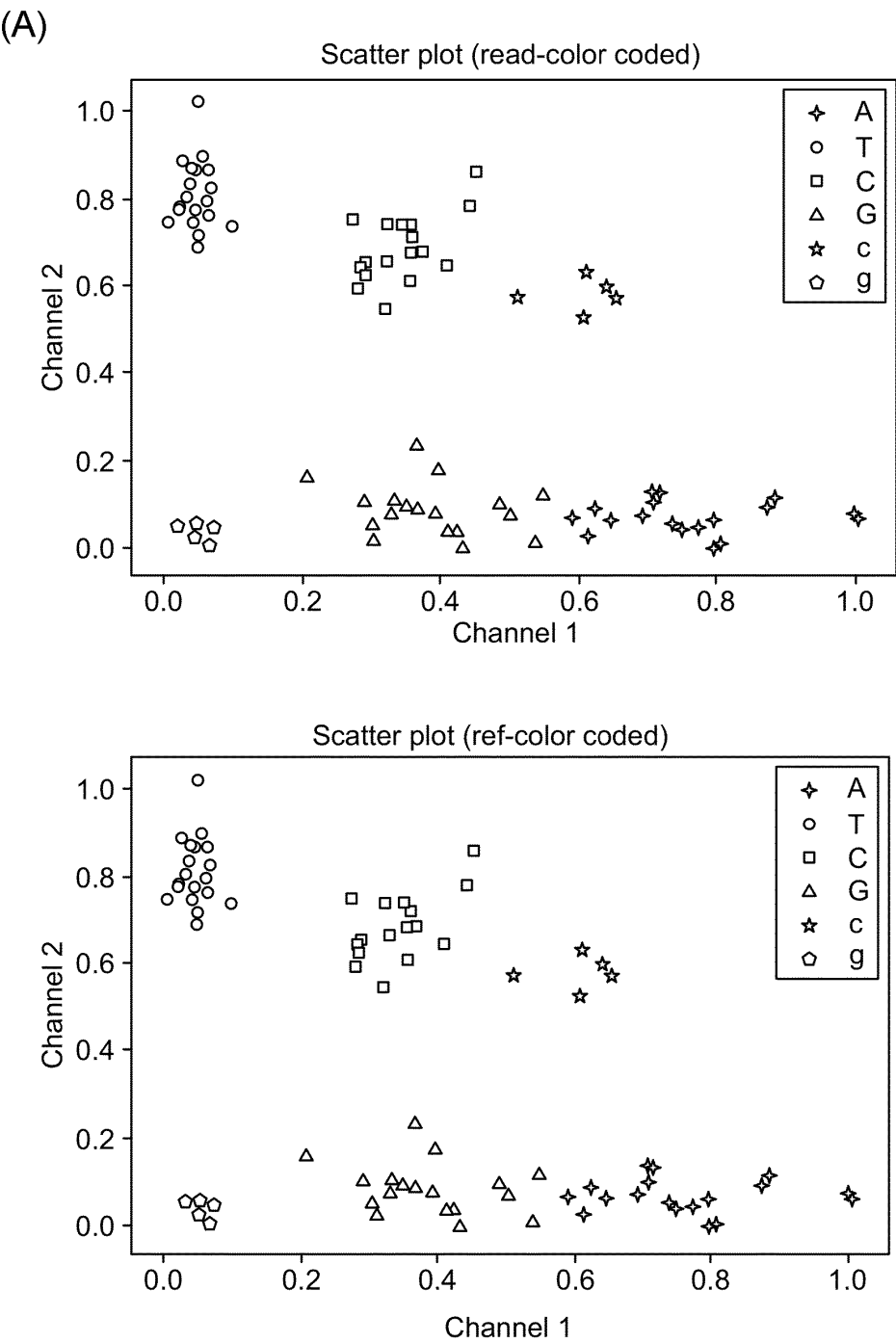


FIGURE 37

SEQ ID NO. 76 Read: CCAGTGAAATTCGAGCTCGGTACCCGGGGATCCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGGCGTAATCATGGTCATAGCTGT
|||||
Ref: CCAGTGAAATTCGAGCTCGGTACCCGGGGATCCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGGCGTAATCATGGTCATAGCTGT
||||| m11 m12 m13 m14 m15

FIGURE 37 (continued)

(B)

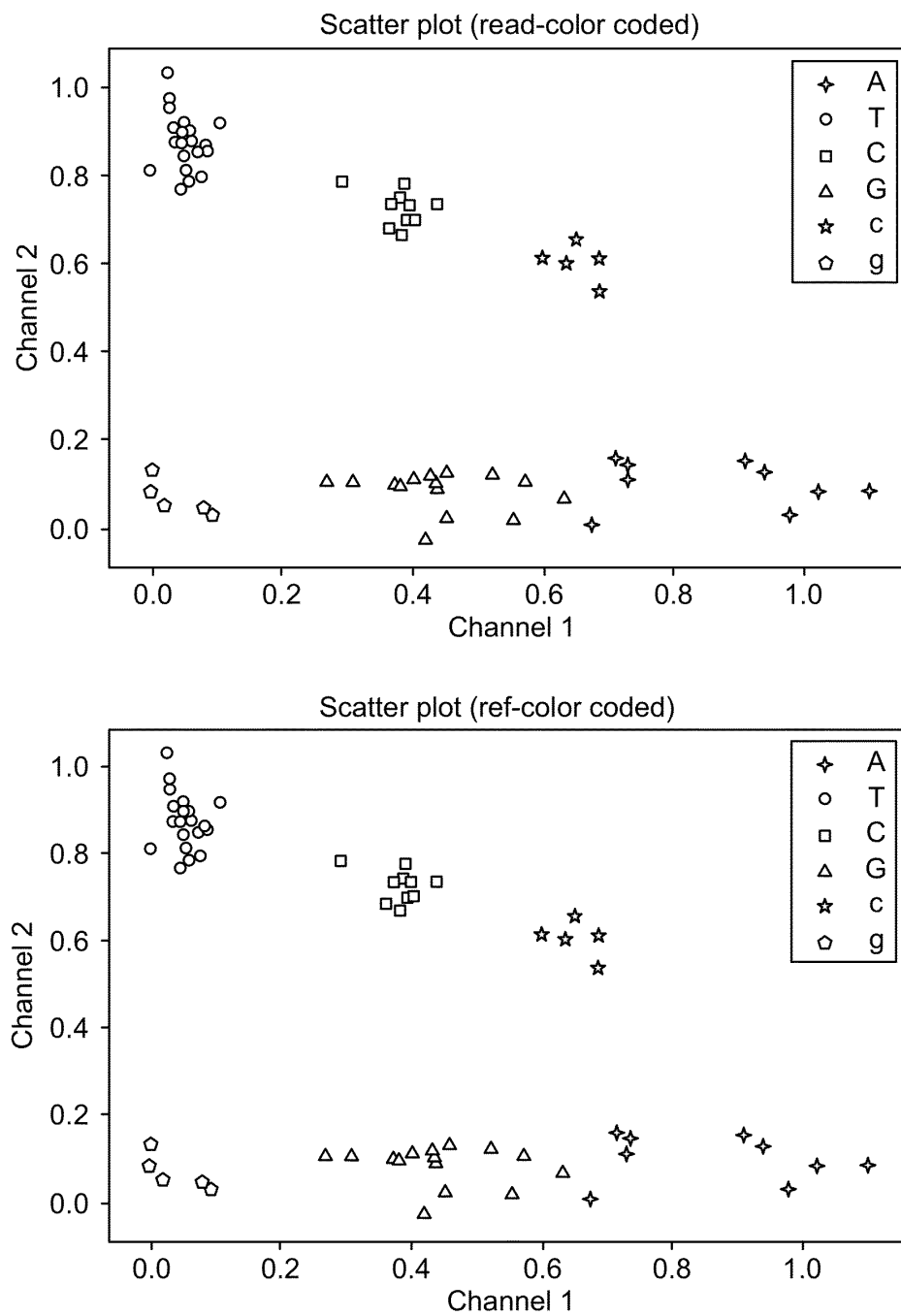


FIGURE 37
(continued)

(B)

SEQ ID NO. 77

Read: TGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTGTGATGCTCGTCAGGG

|||||

Ref: TGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTGTGATGCTCGTCAGGG

|||||

FIGURE 37 (continued)

(C)

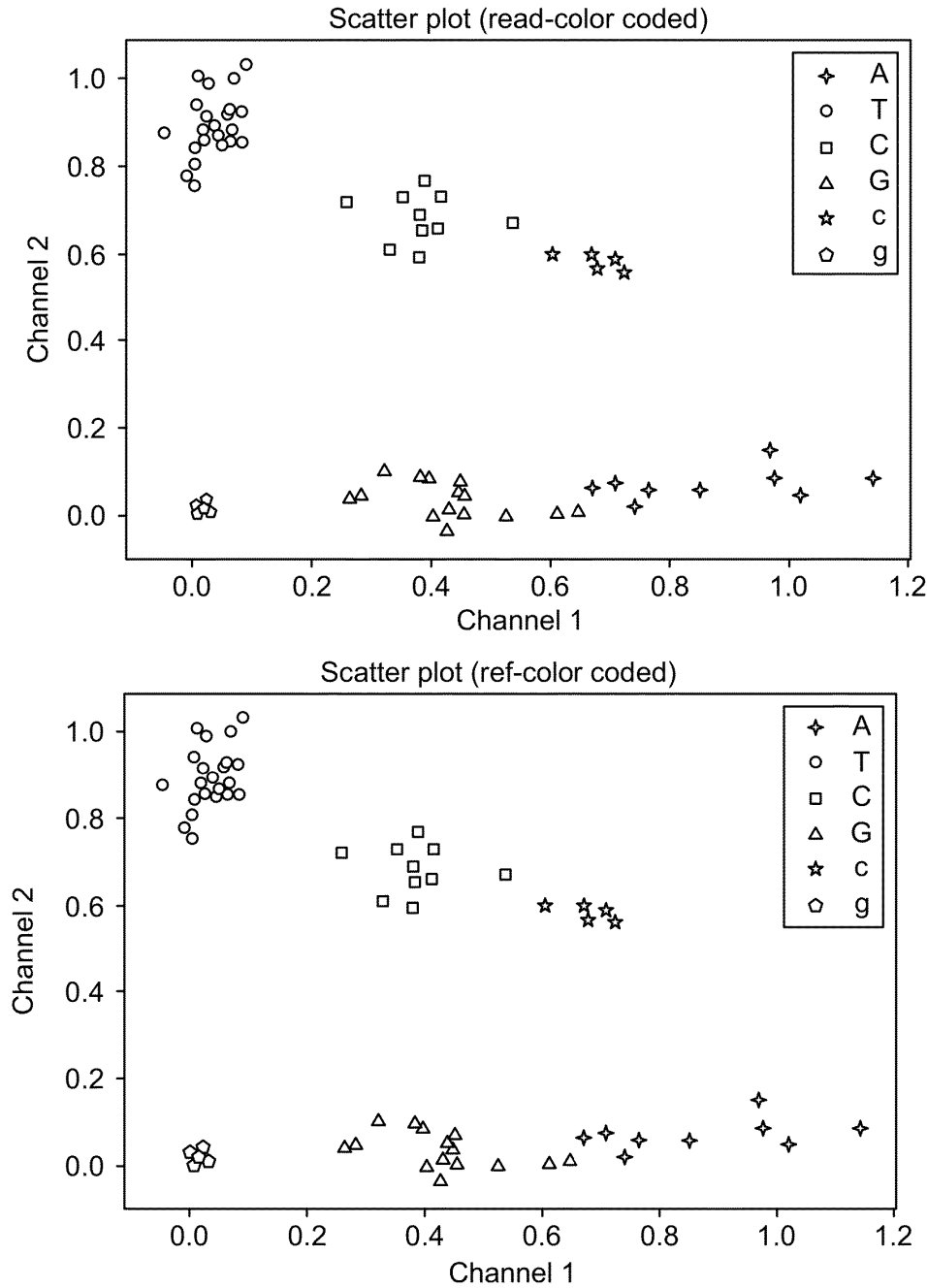


FIGURE 37
(continued)

(C)

SEQ ID NO. 78

Read: TGGTAATCTTTATAGTCCTGTCTGGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTGTGATGCTCGTCAGGGG

|||||

Ref: TGGTAATCTTTATAGTCCTGTCTGGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTGTGATGCTCGTCAGGGG

|||||

FIGURE 37 (continued)

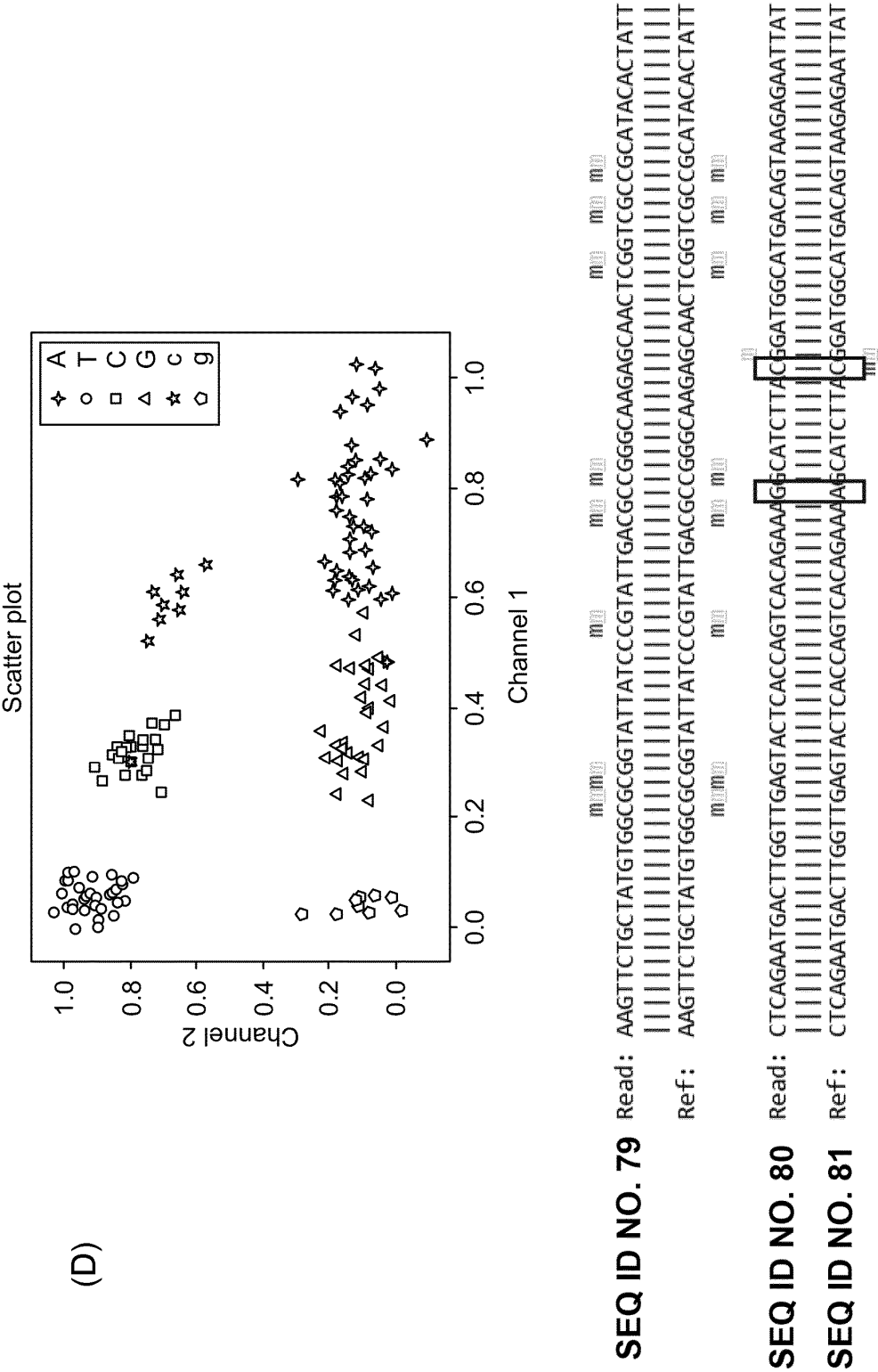


FIGURE 37 (continued)

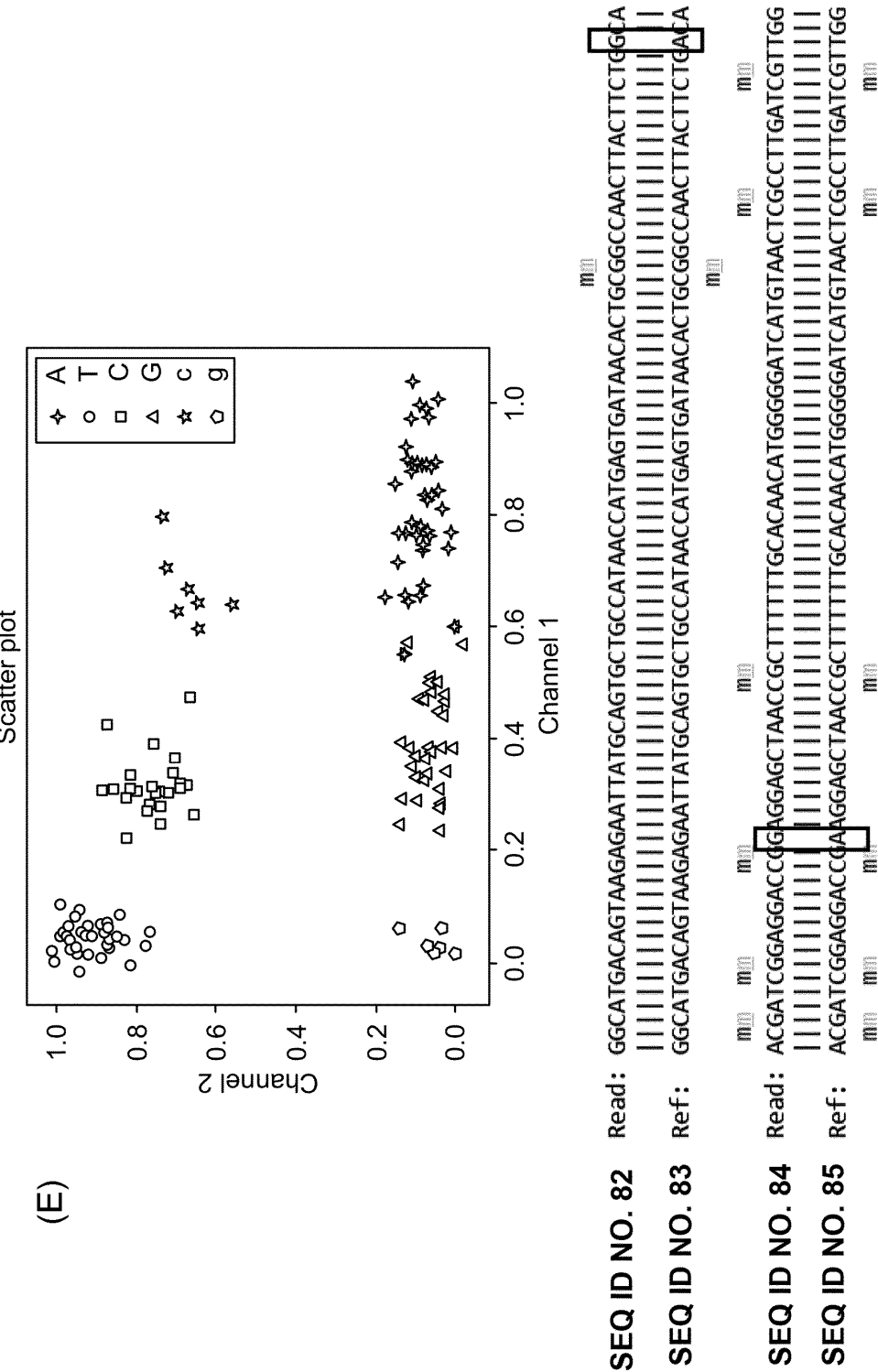


FIGURE 37 (continued)

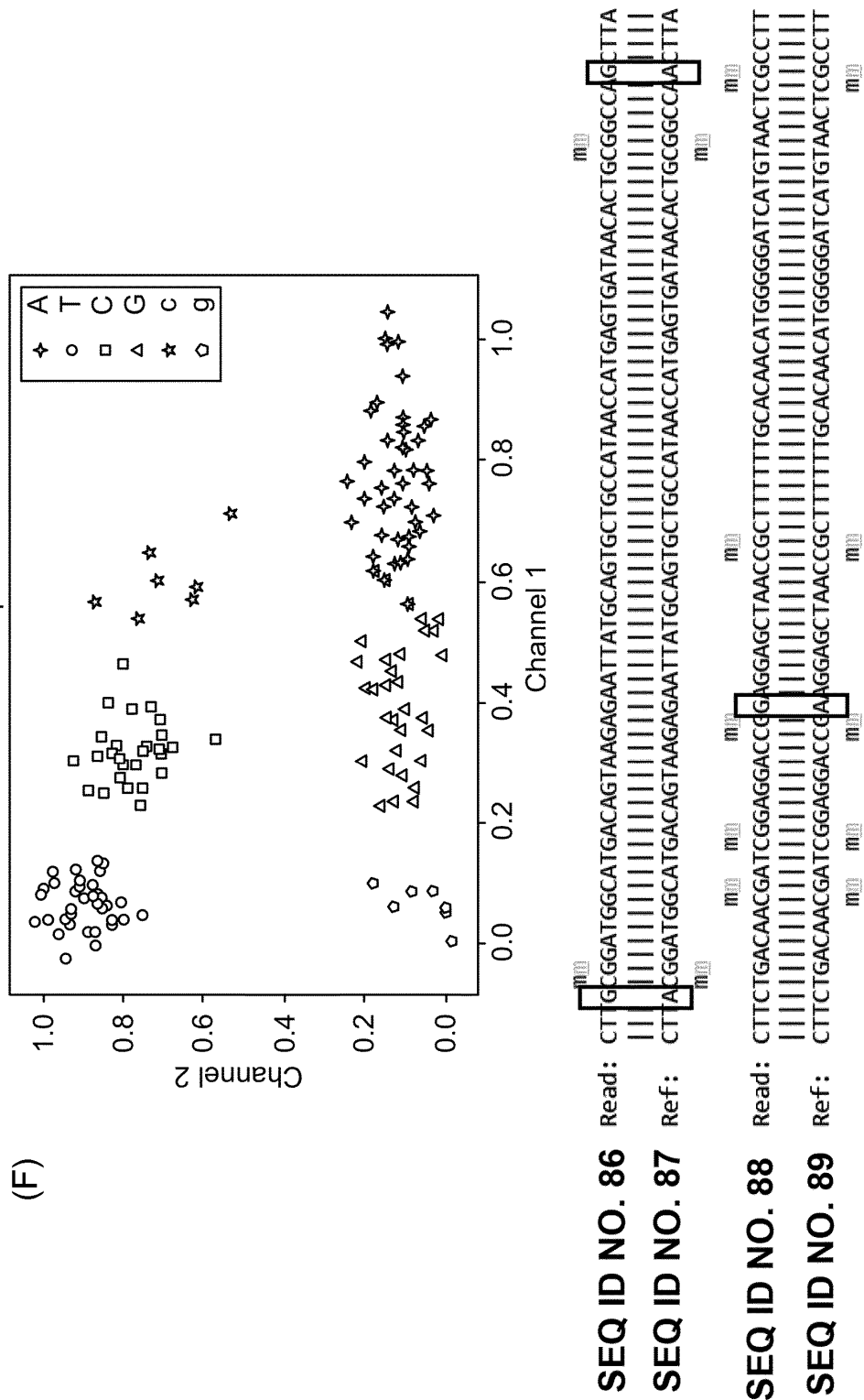


FIGURE 37 (continued)

(A)

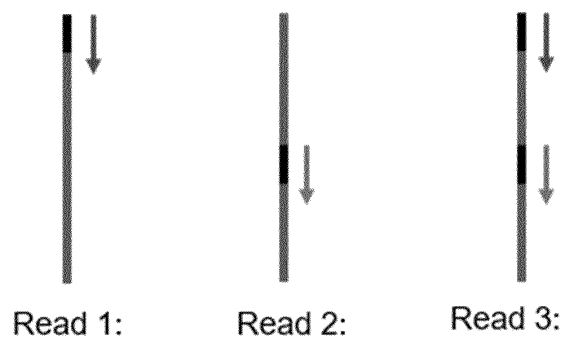


FIGURE 38

(B)

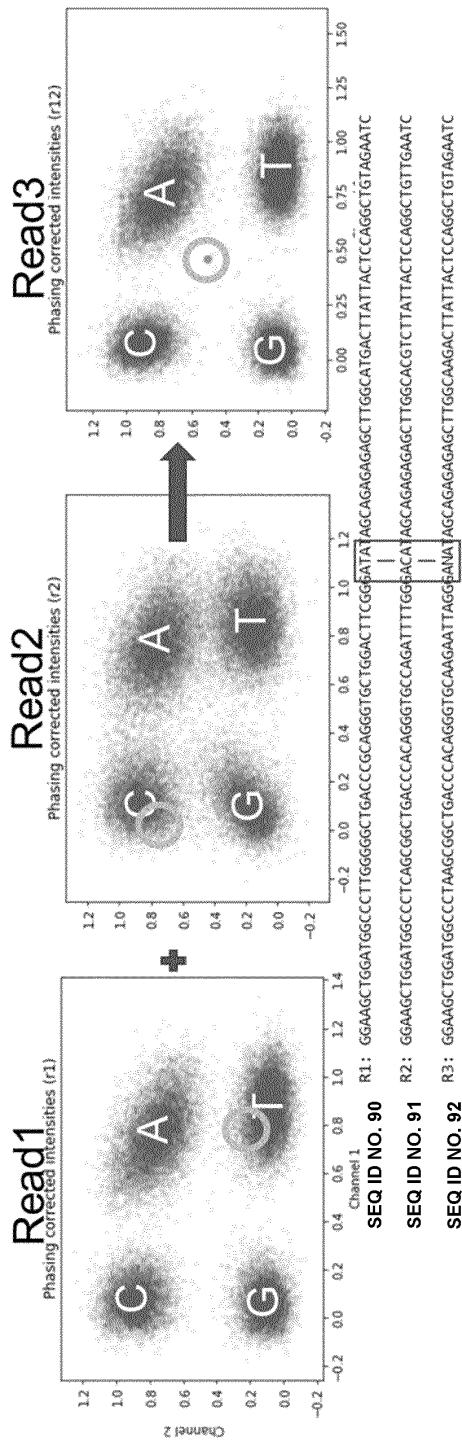


FIGURE 38 (cont.)