

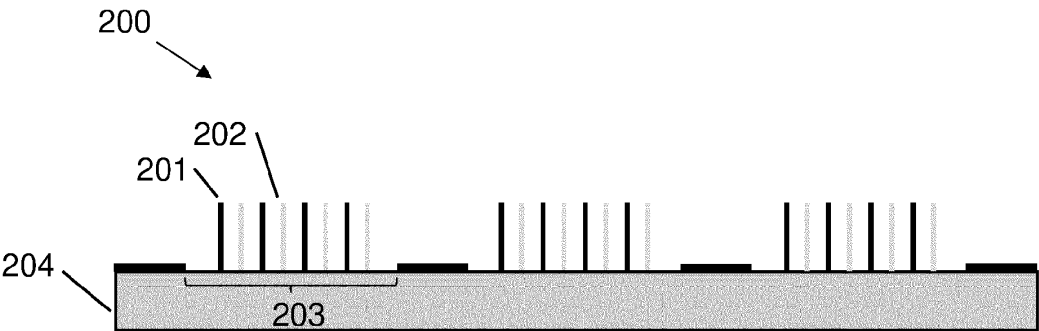


Fig. 1

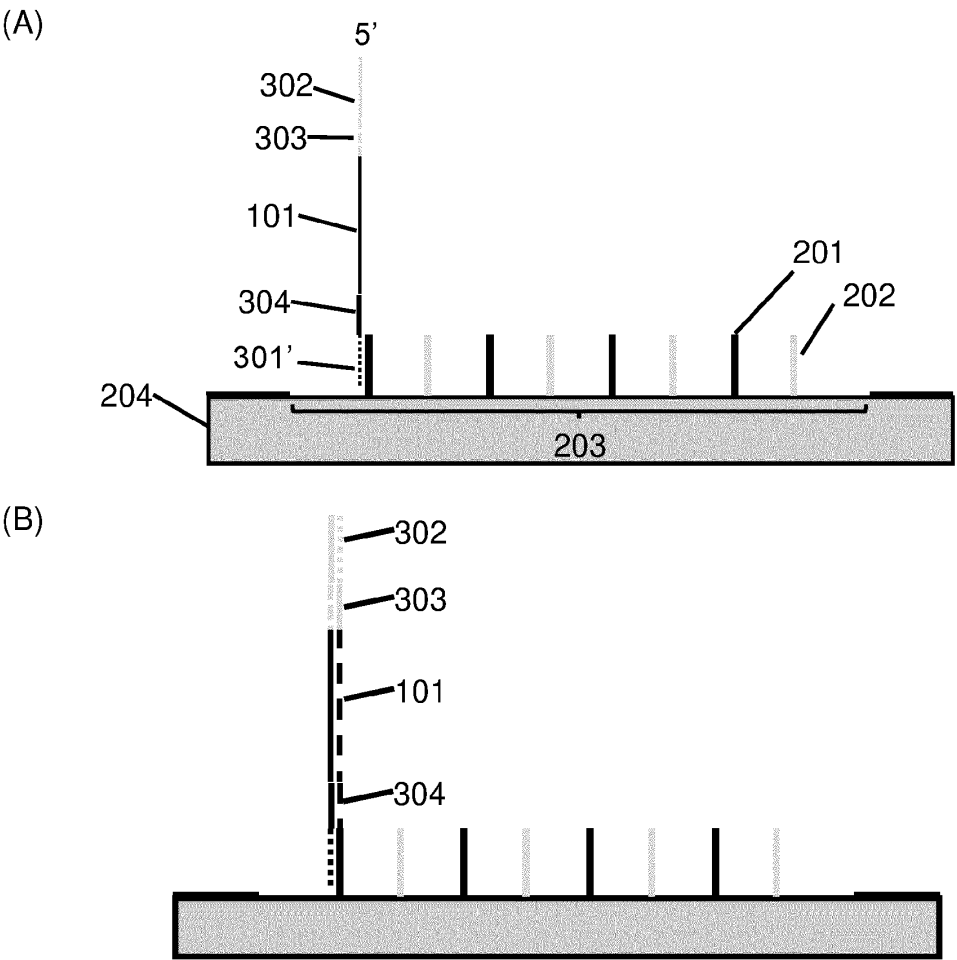


Fig. 2

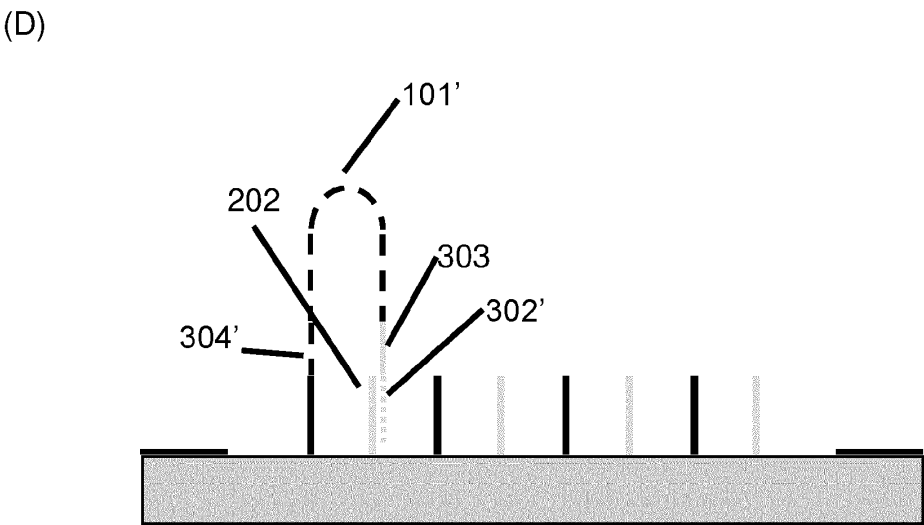
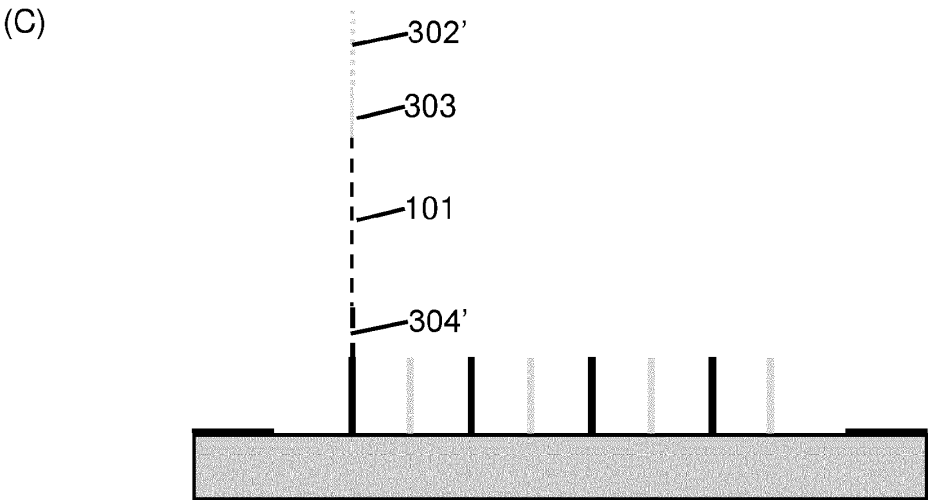


Fig. 2 (cont.)

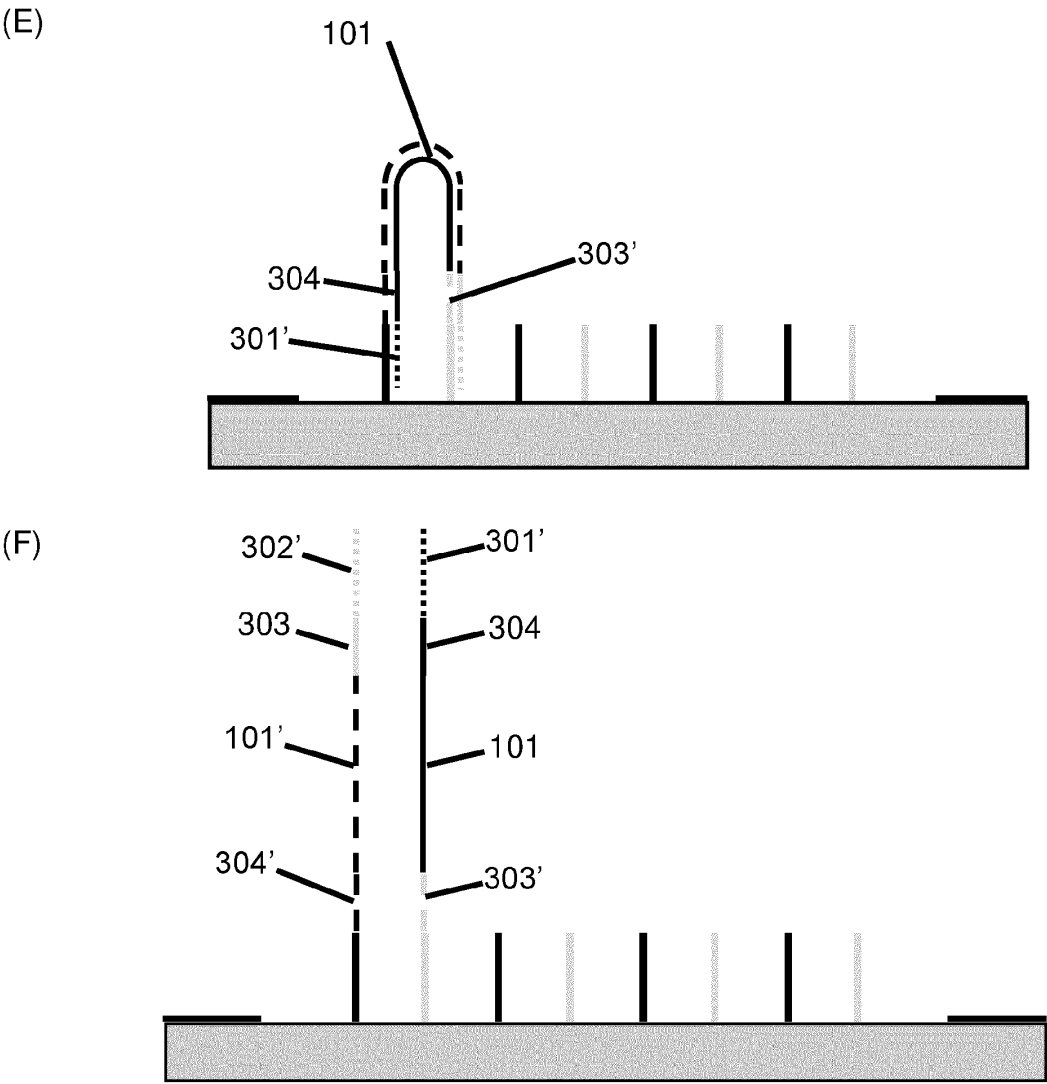
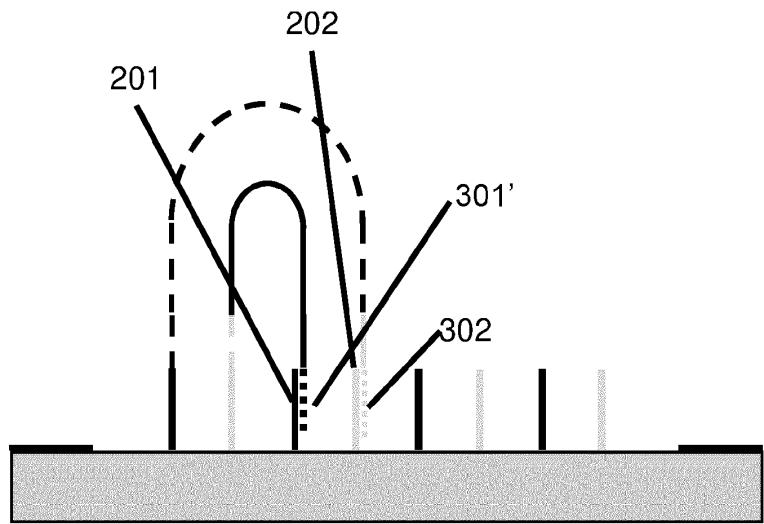
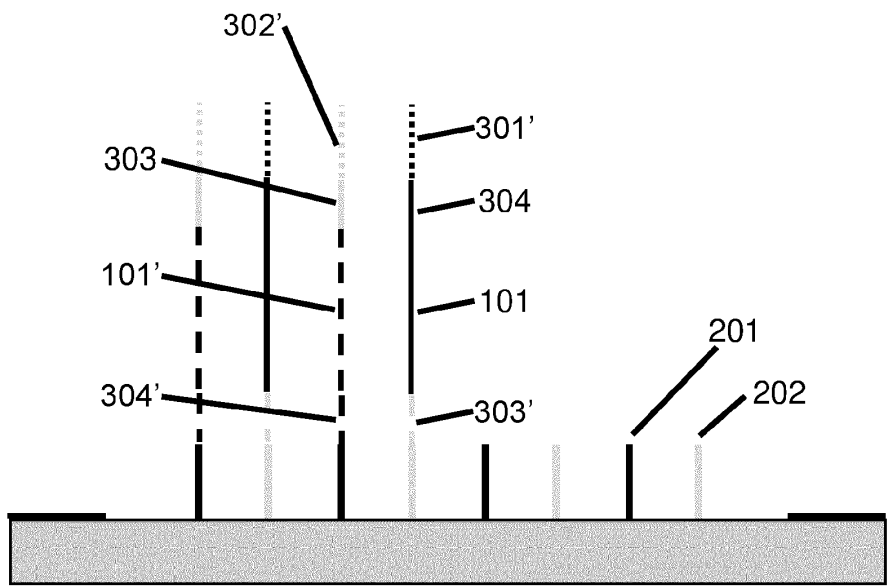


Fig. 2 (cont.)

(G)



(H)



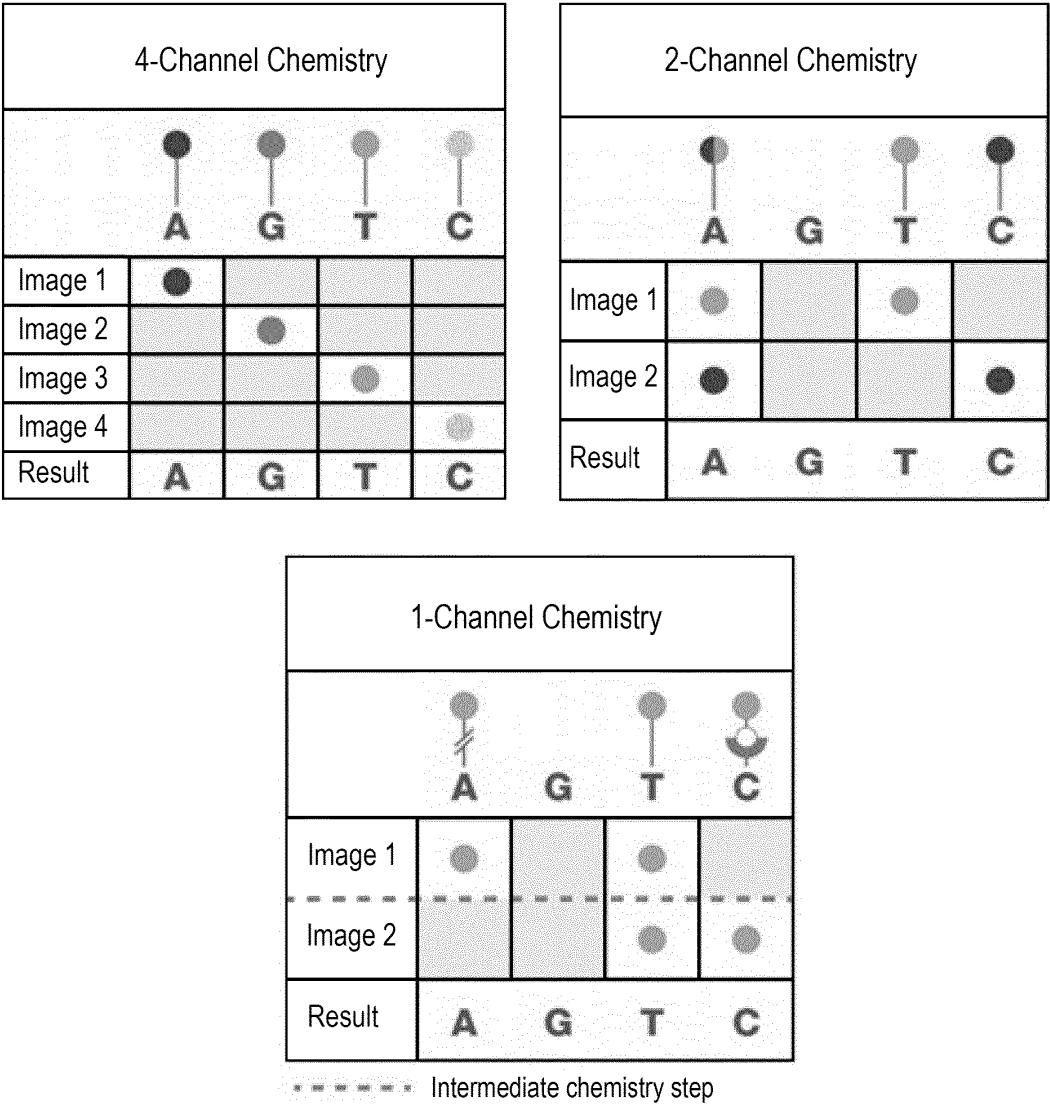


FIG. 3

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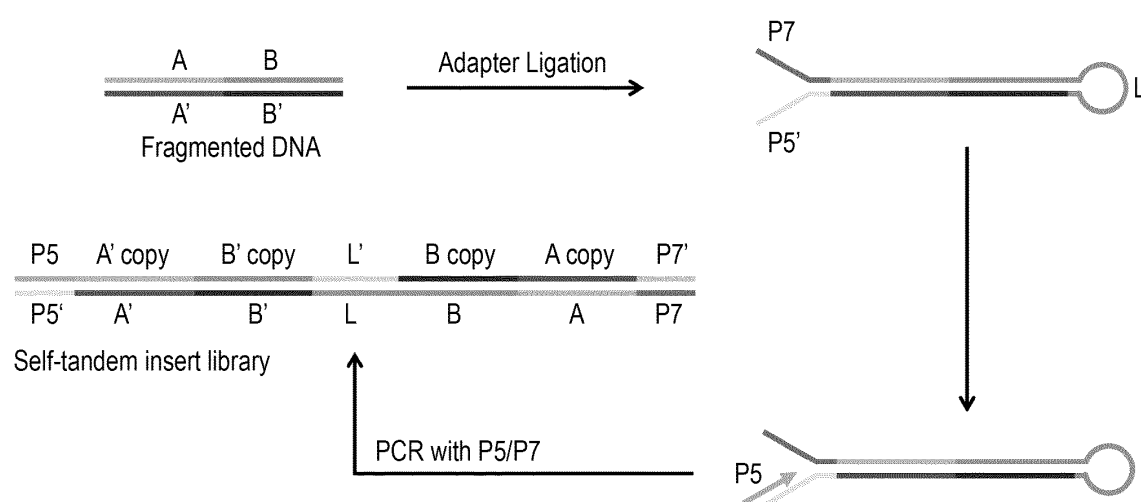


FIG. 4

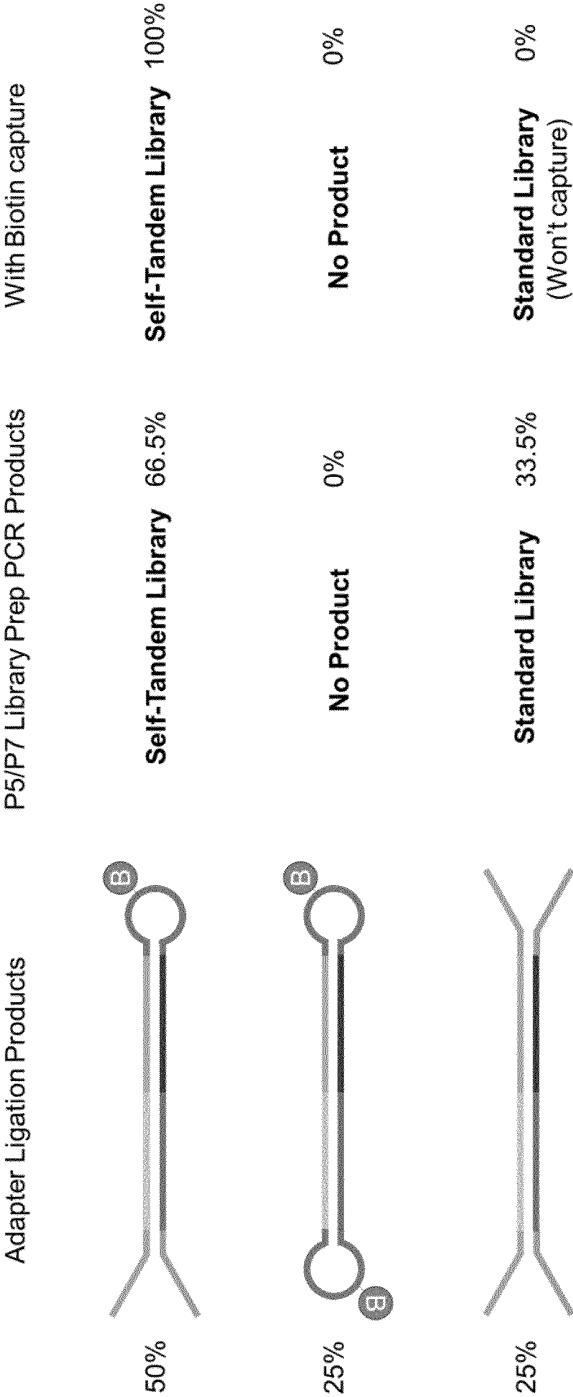


FIG. 5

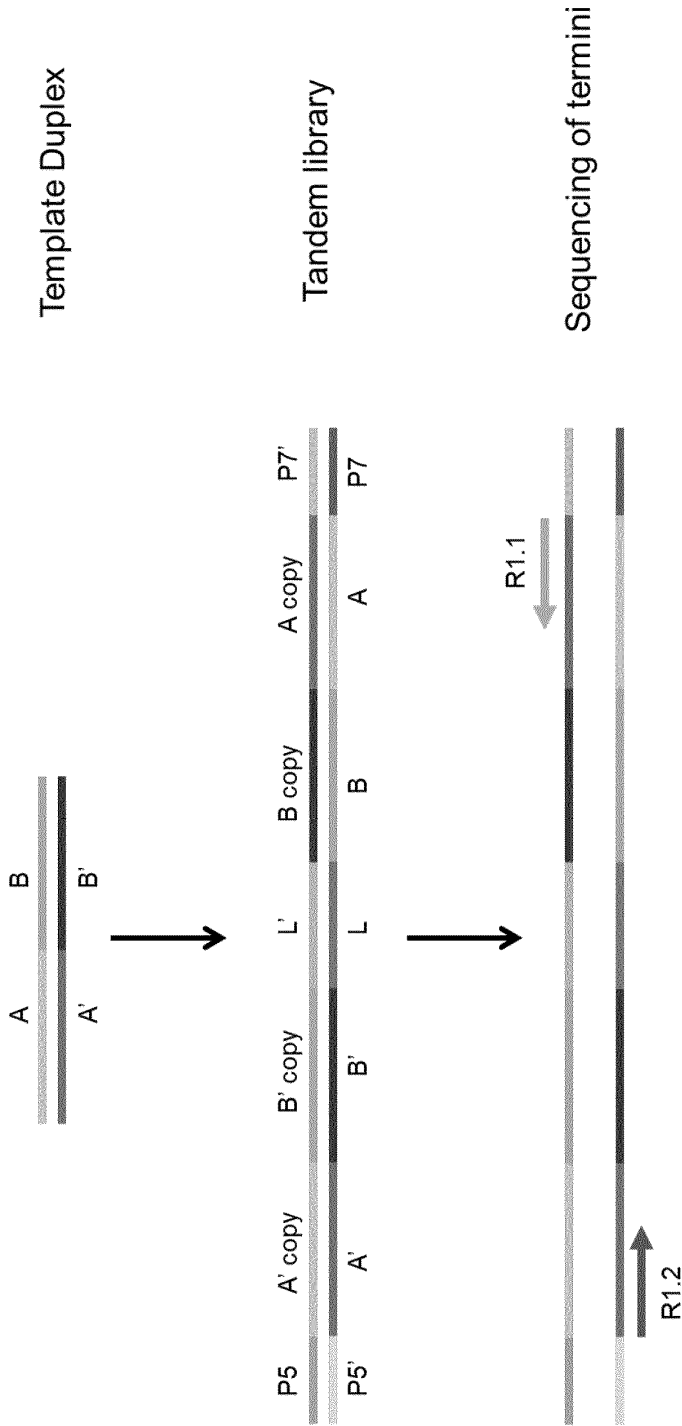


FIG. 6

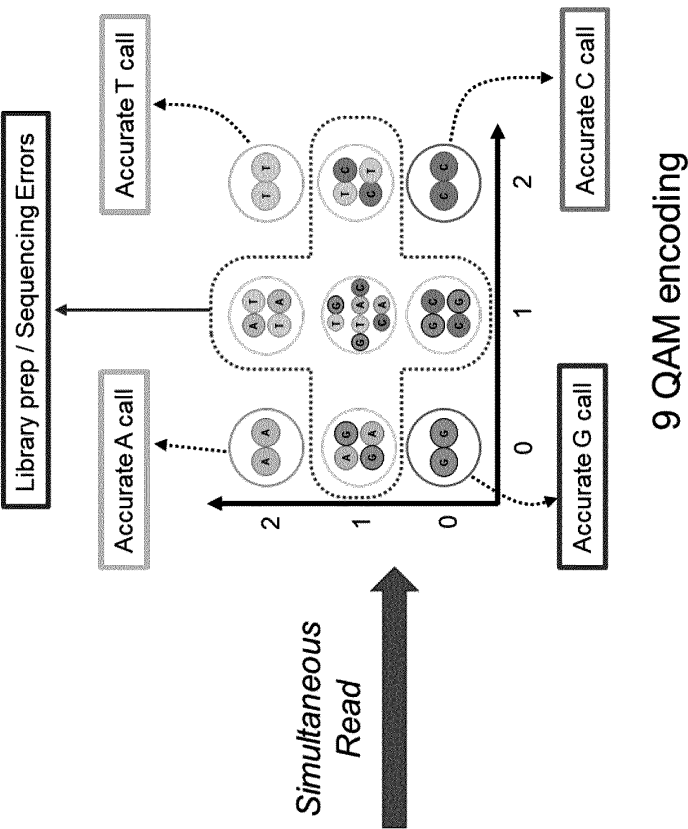
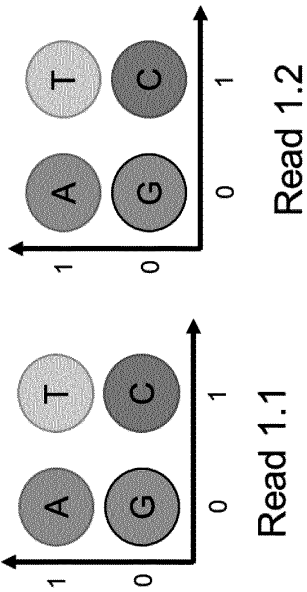
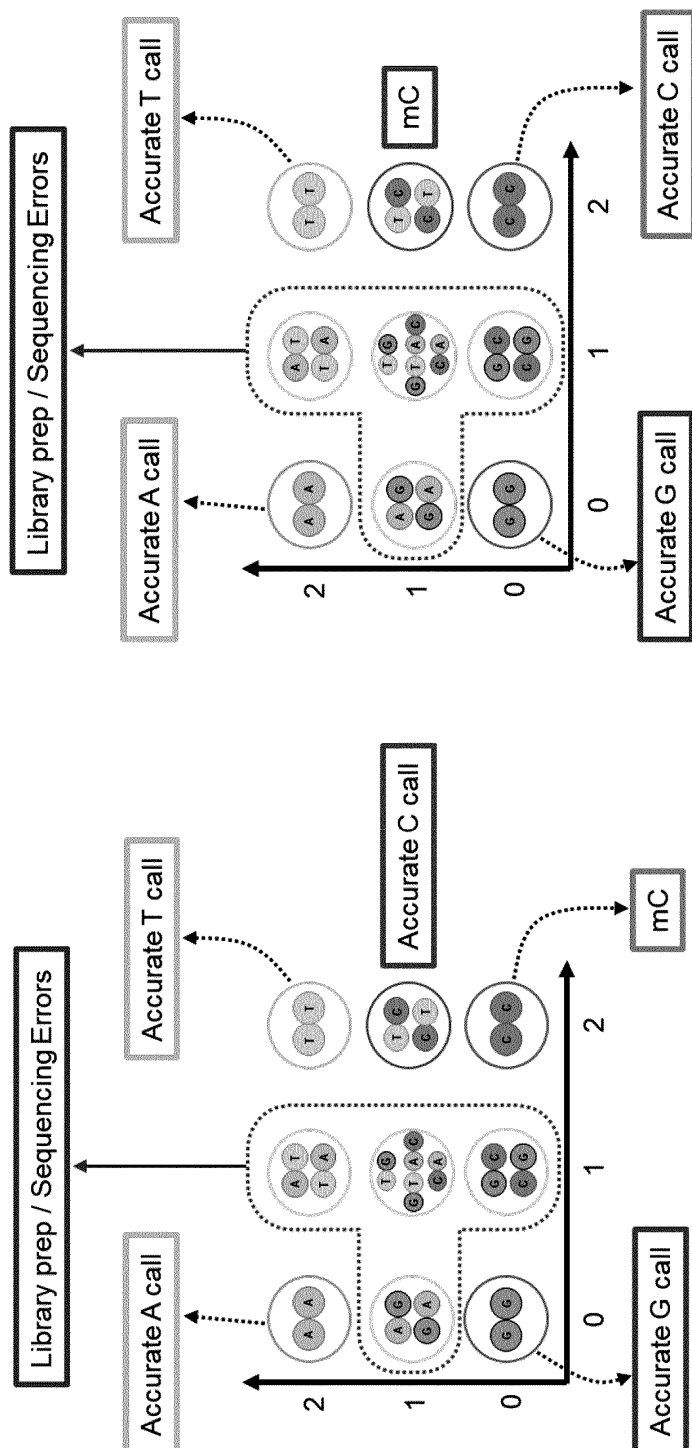


FIG. 7





TAPS

Bisulfite/EM-Seq

FIG. 8

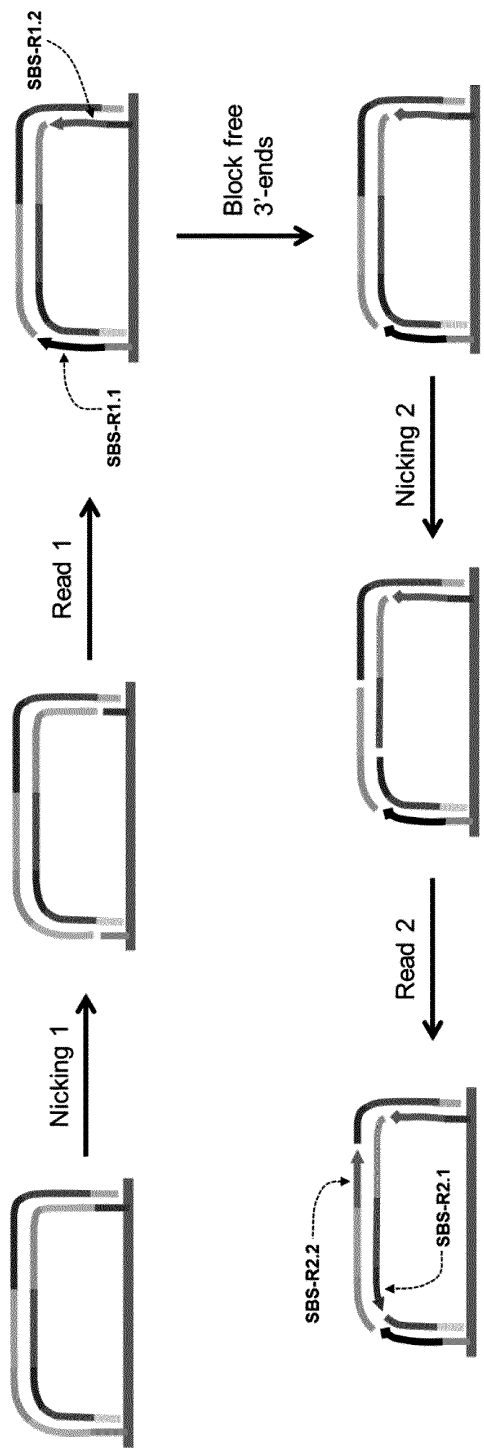


FIG. 9

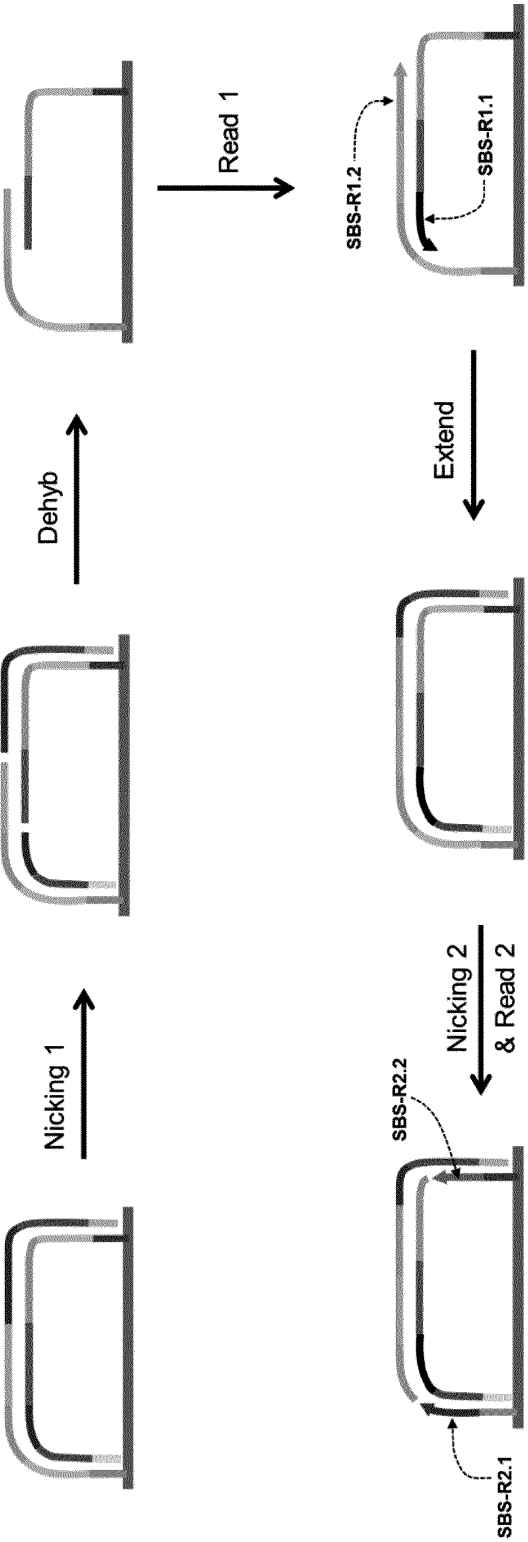


FIG. 10

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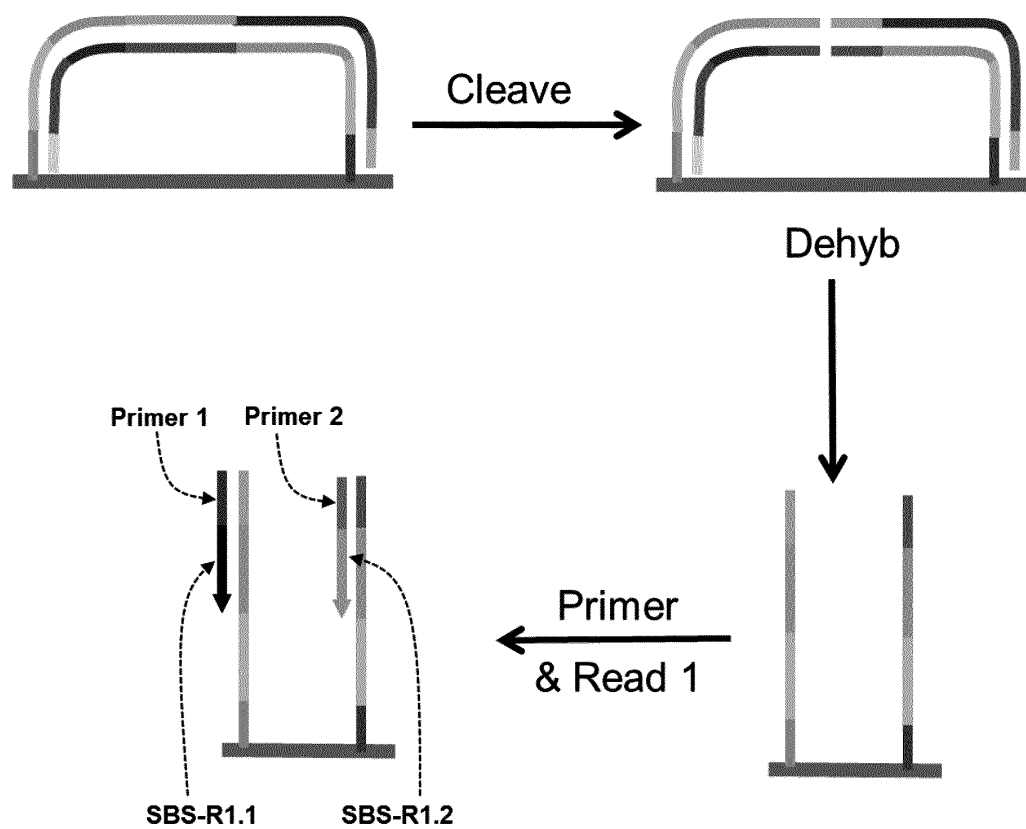


FIG. 11

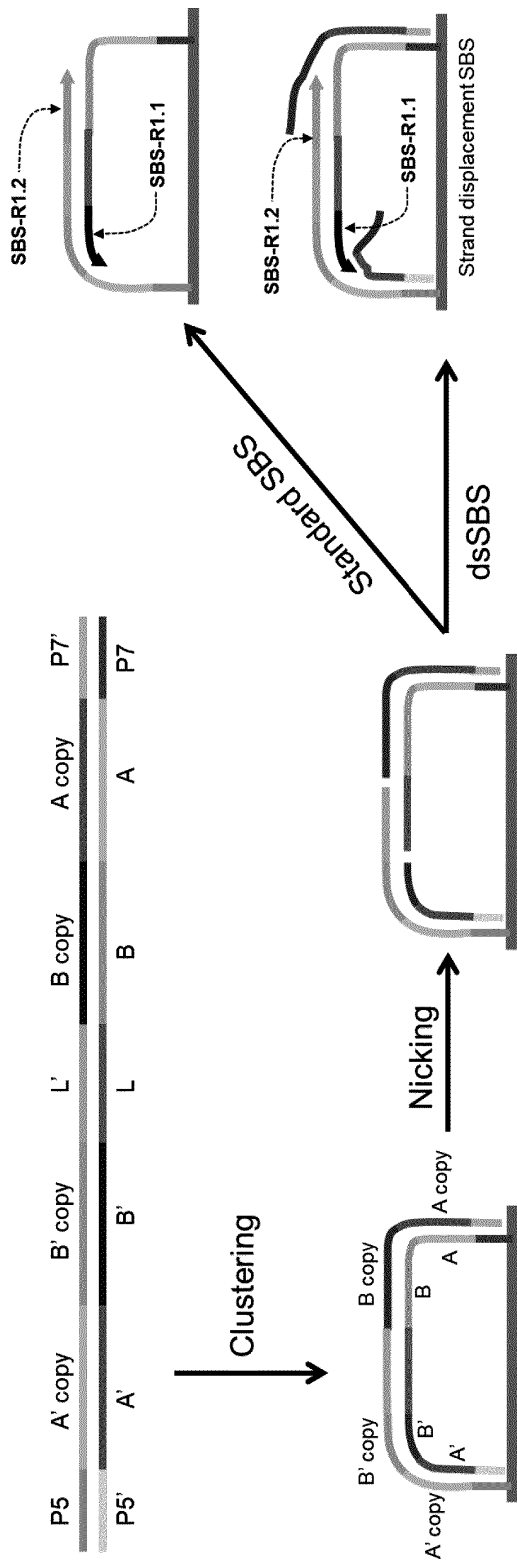


FIG. 12

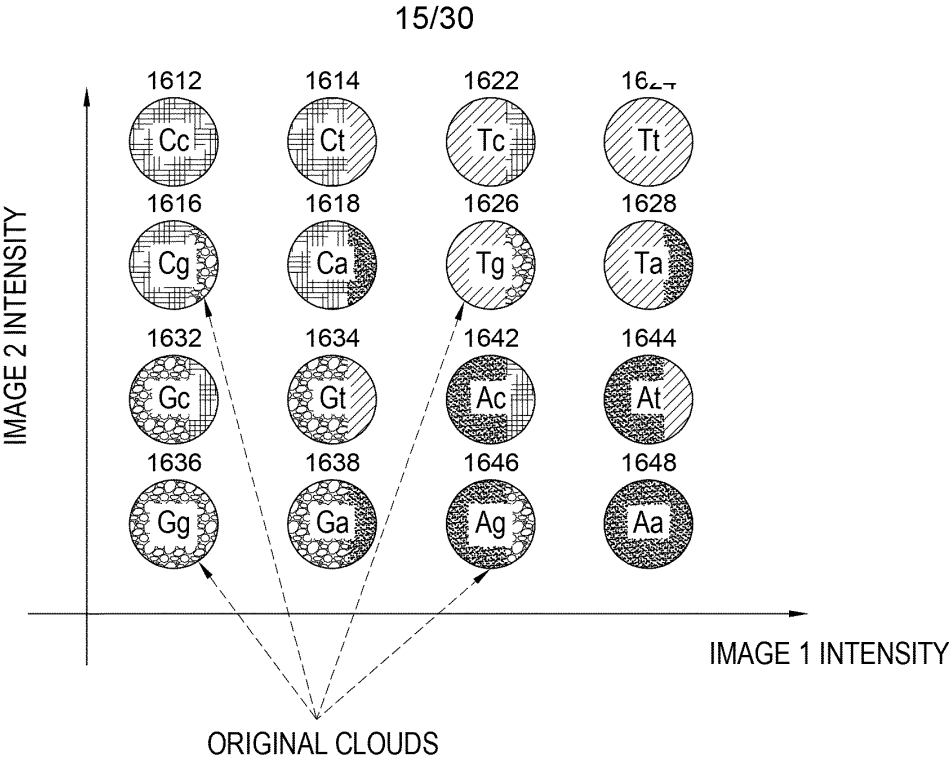


FIG. 13

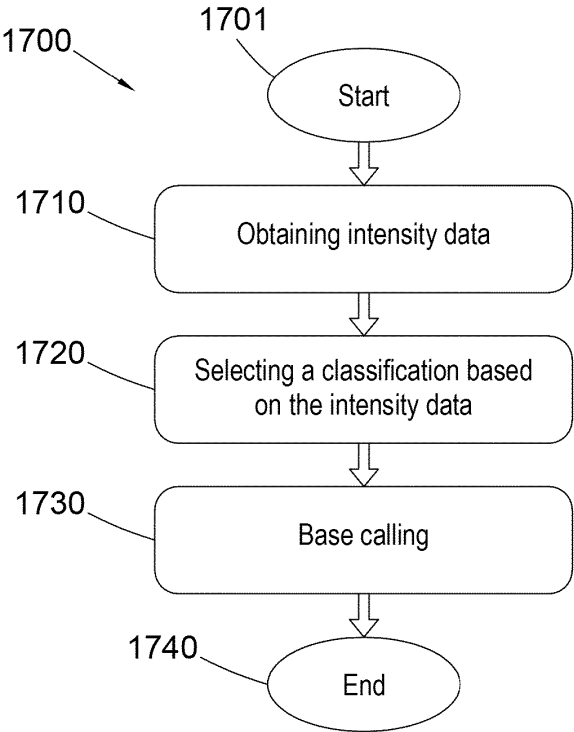


FIG. 14

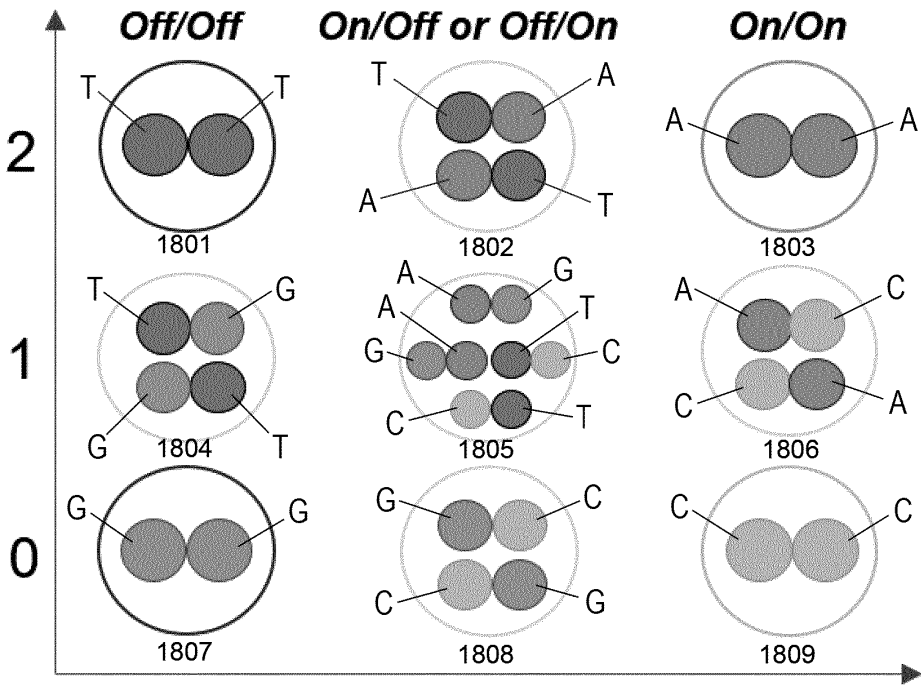
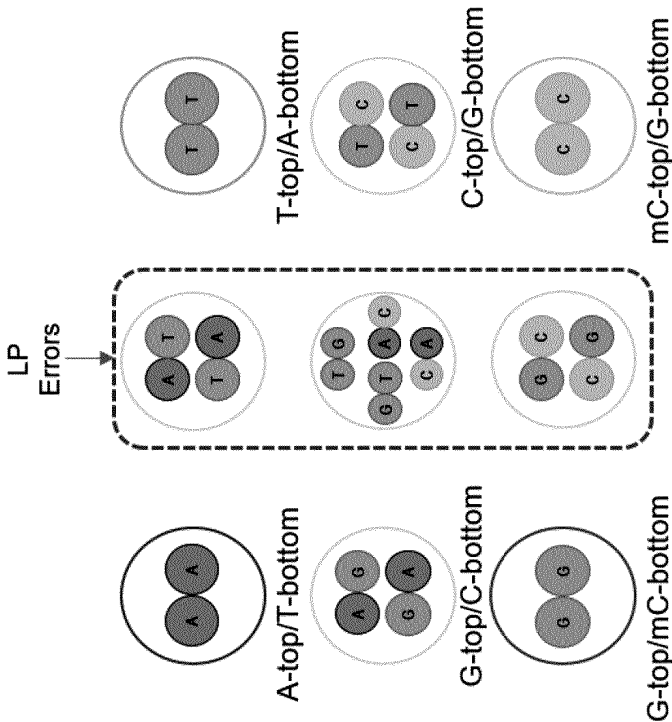
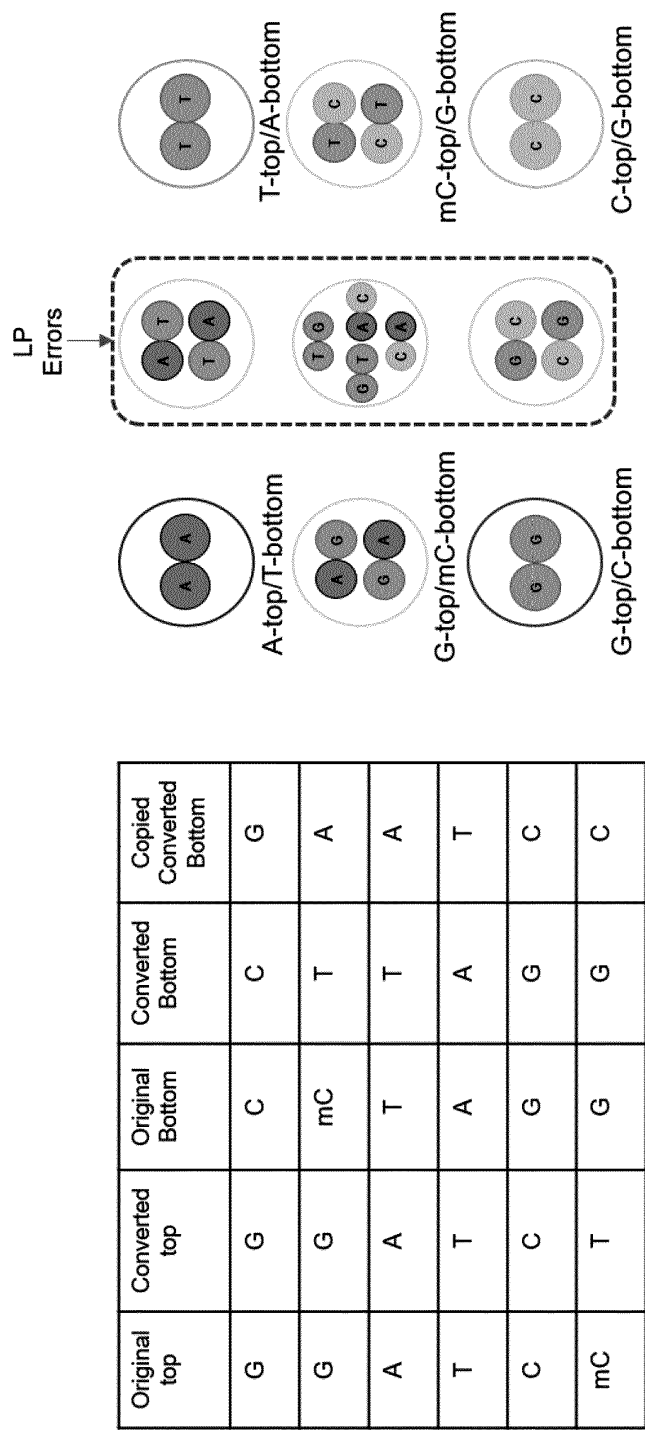


FIG. 15



Original top	Converted top	Original Bottom	Converted Bottom	Copied Converted Bottom
G	G	C	T	A
G	G	mC	C	G
A	A	T	T	A
T	T	A	A	T
C	T	G	G	C
mC	C	G	G	C

FIG. 16



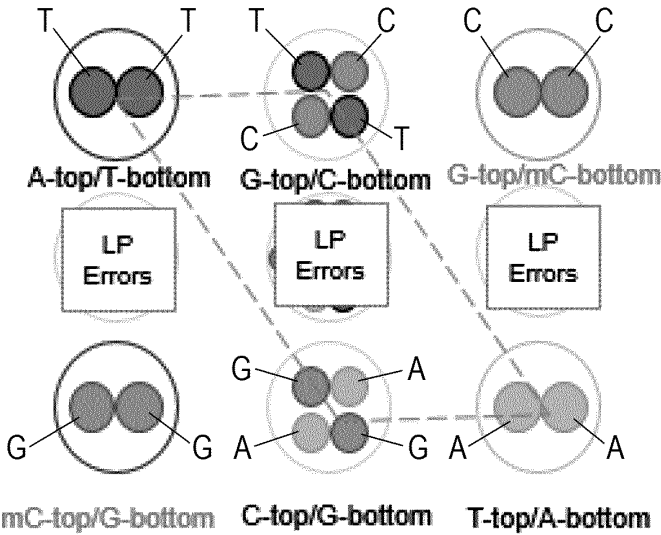


FIG. 18

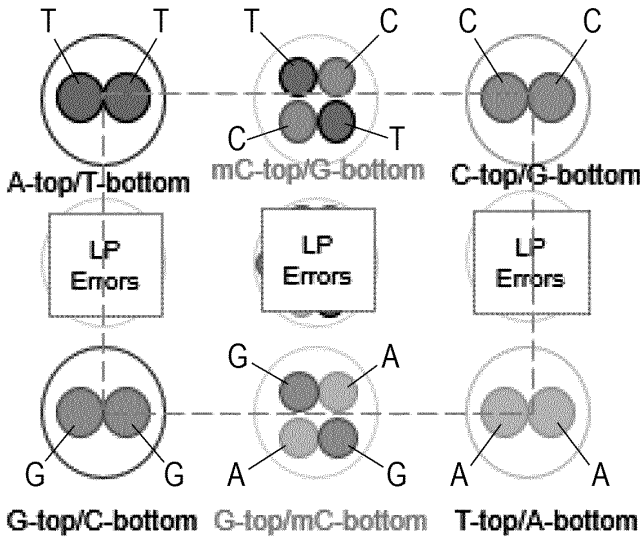


FIG. 19

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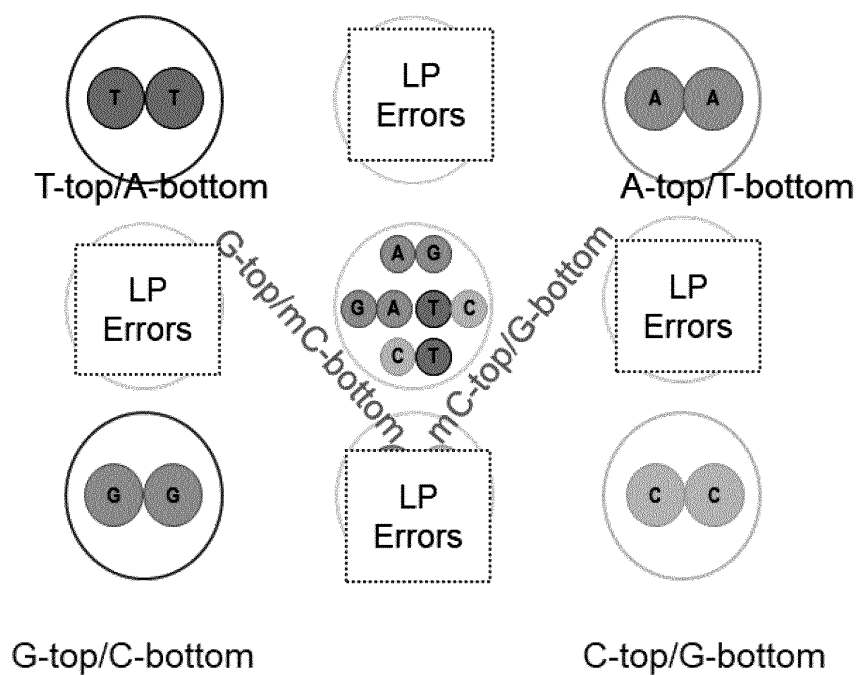


FIG. 20

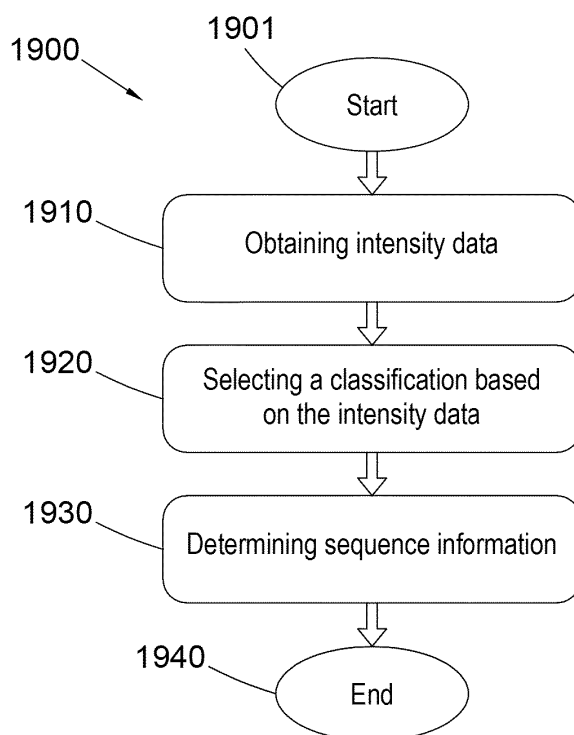


FIG. 21

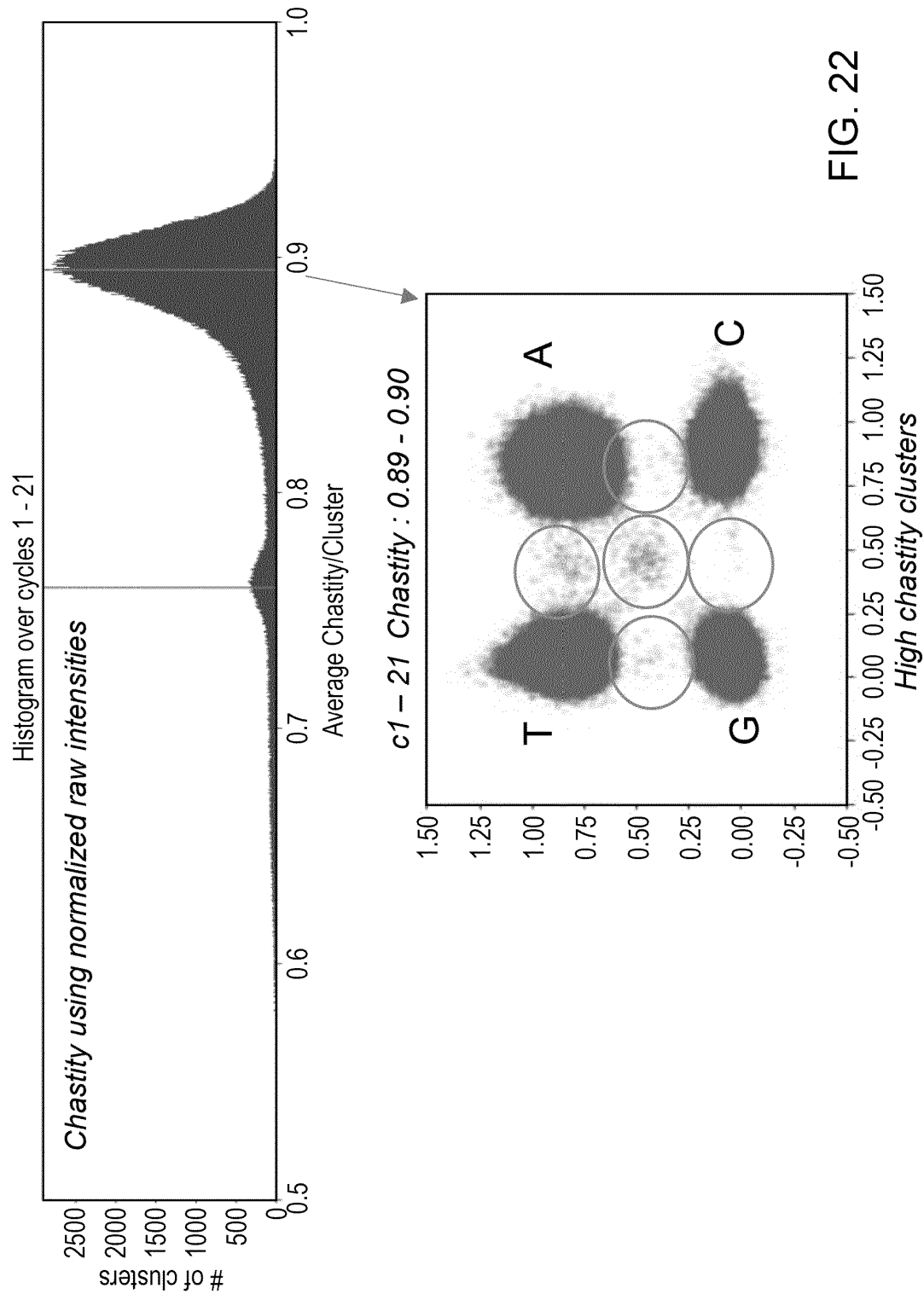


FIG. 22

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(A)

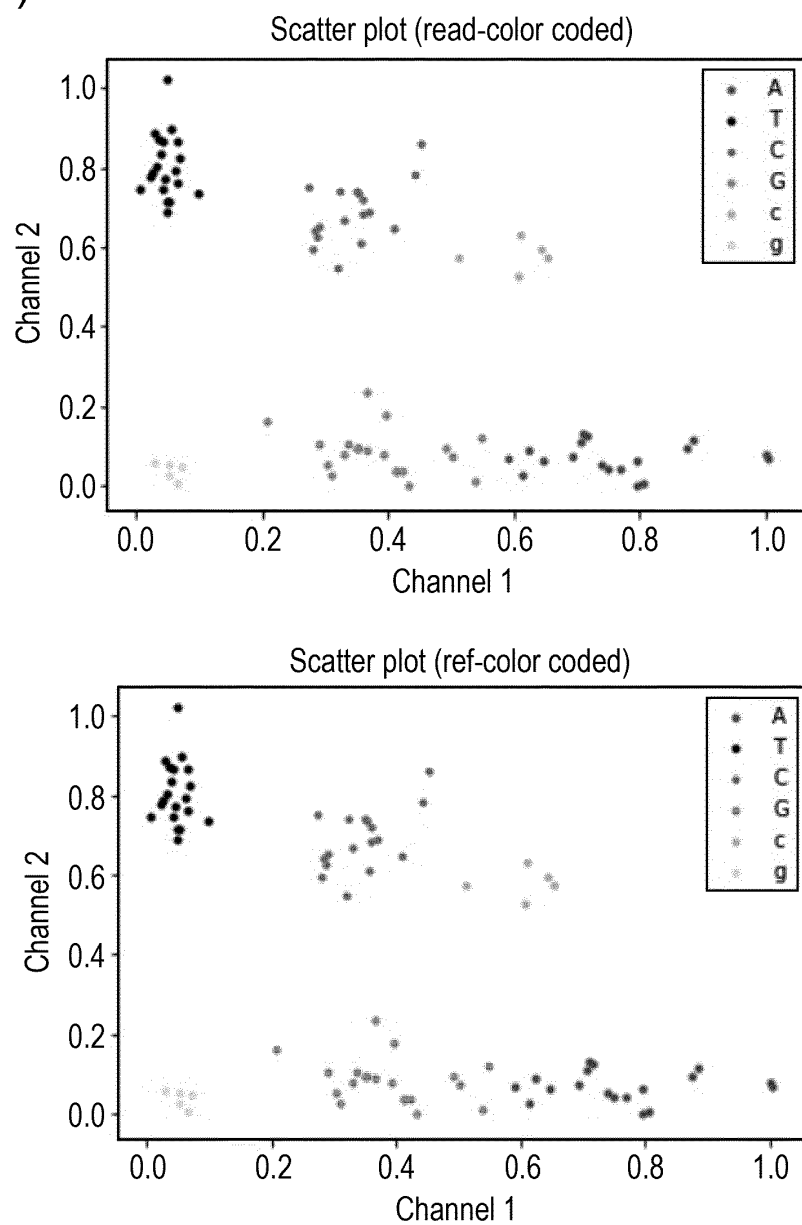


FIG. 23

(A)

SEQ ID NO: 11	Read:	CCAGTGAATTTCGAGCTCGGTACCCGGGGATCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGGCGTAATCATGGTCATAGCTGT
	Ref:	CCAGTGAATTTCGAGCTCGGTACCCGGGGATCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGGCGTAATCATGGTCATAGCTGT

FIG. 23
(continued)

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(B)

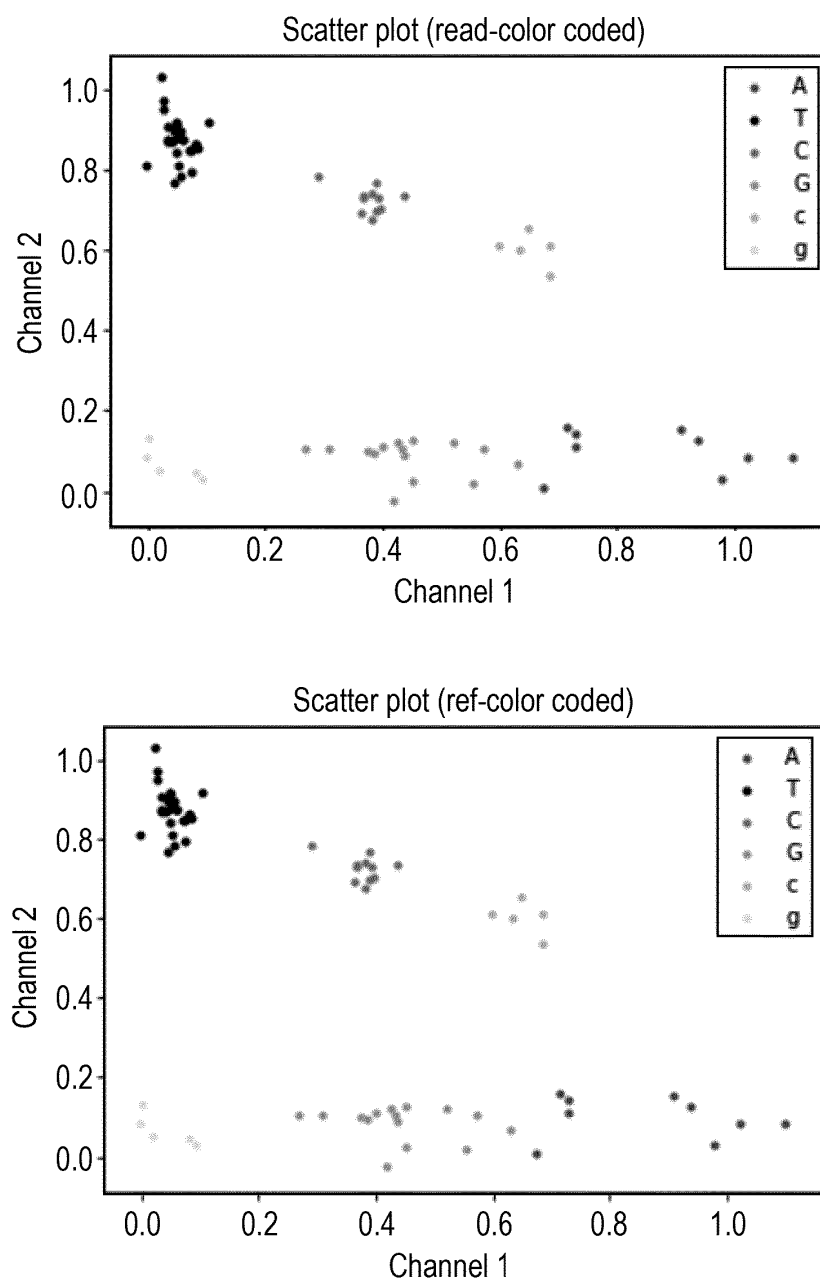


FIG. 23
(continued)

(B)

SEQ ID NO: 12

Read: TGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTTGTGATGCTCGTCAGGG

|||||

Ref: TGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTTGTGATGCTCGTCAGGG

|||||

FIG. 23
(continued)

(C)

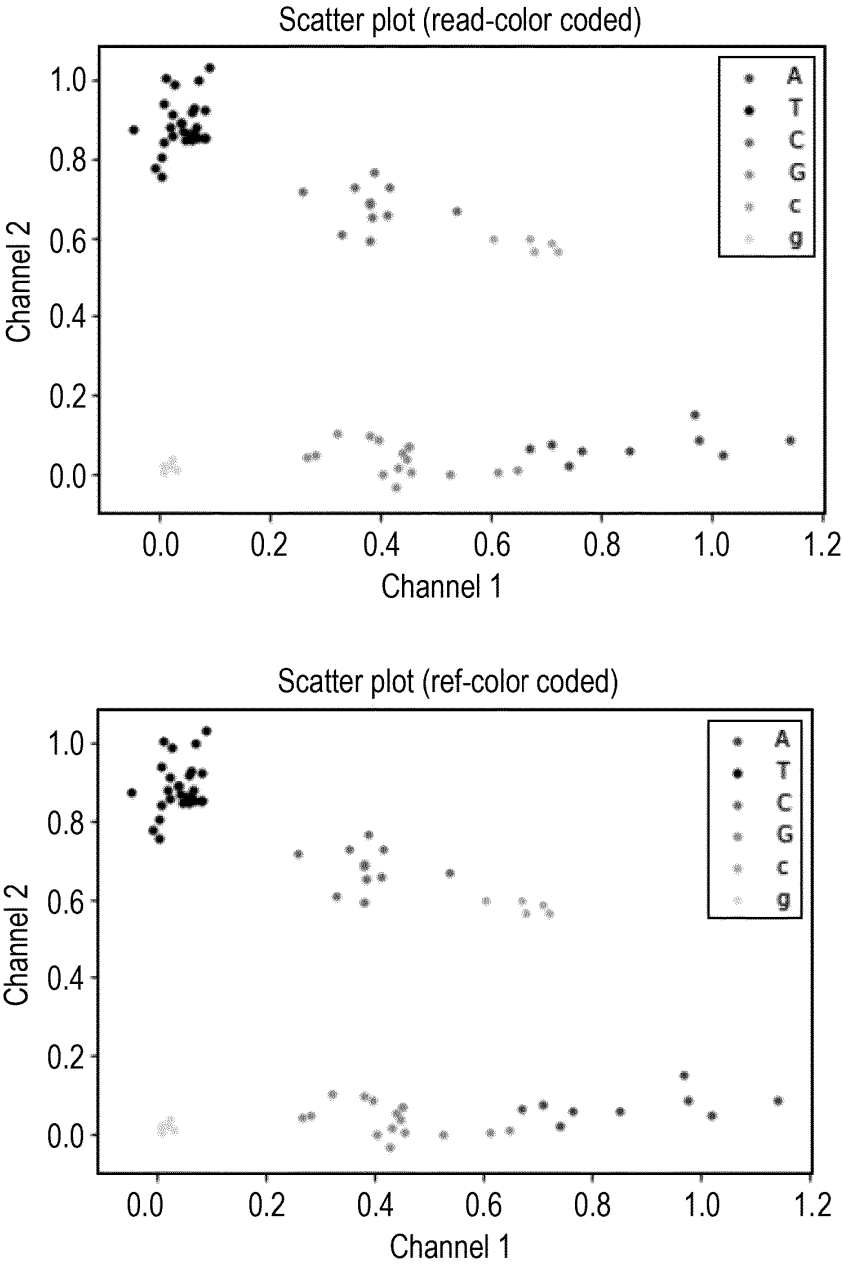


FIG. 23
(continued)

[illegible]

FIG. 23
(continued)

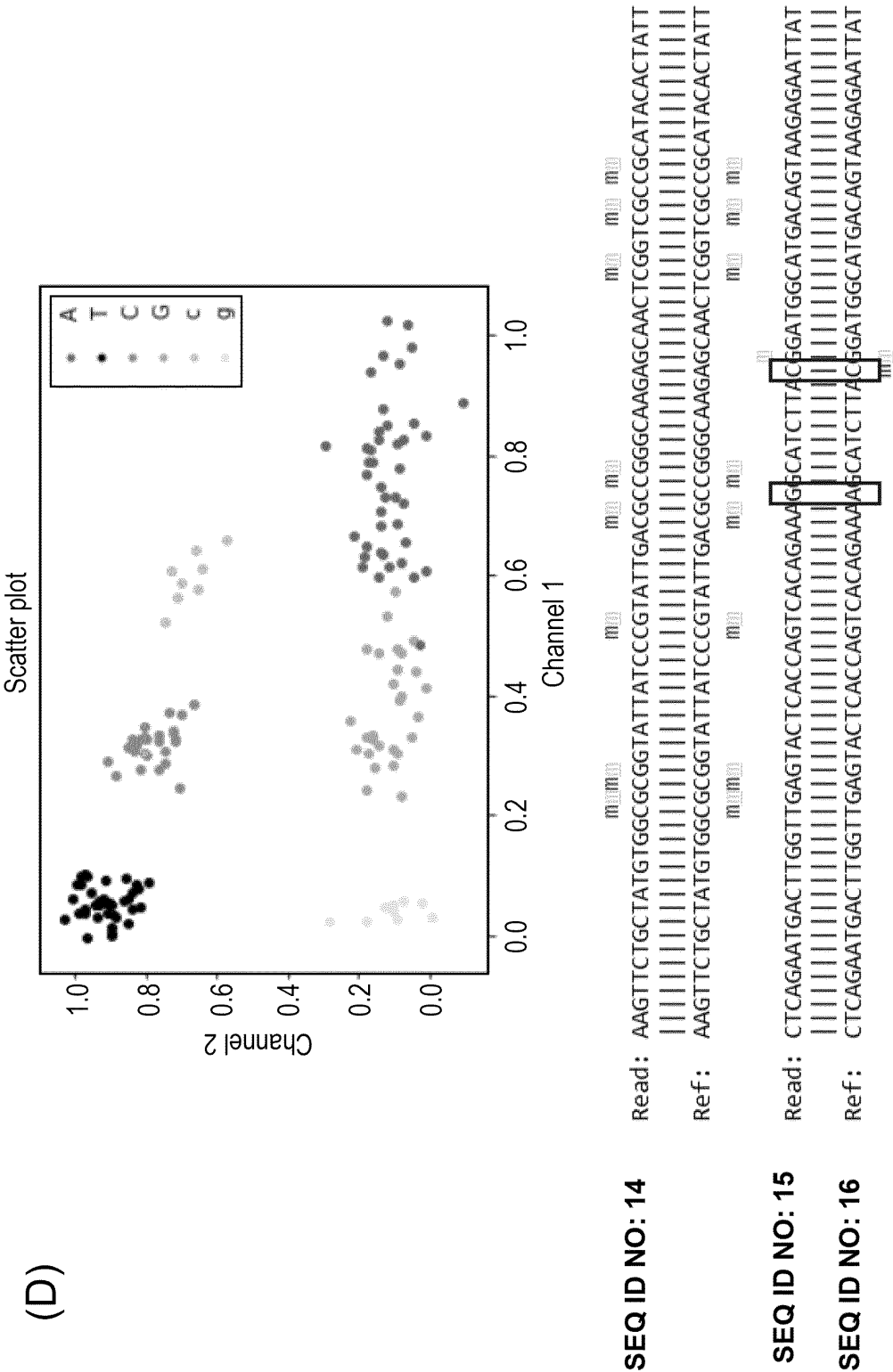


FIG. 23 (continued)

(E)

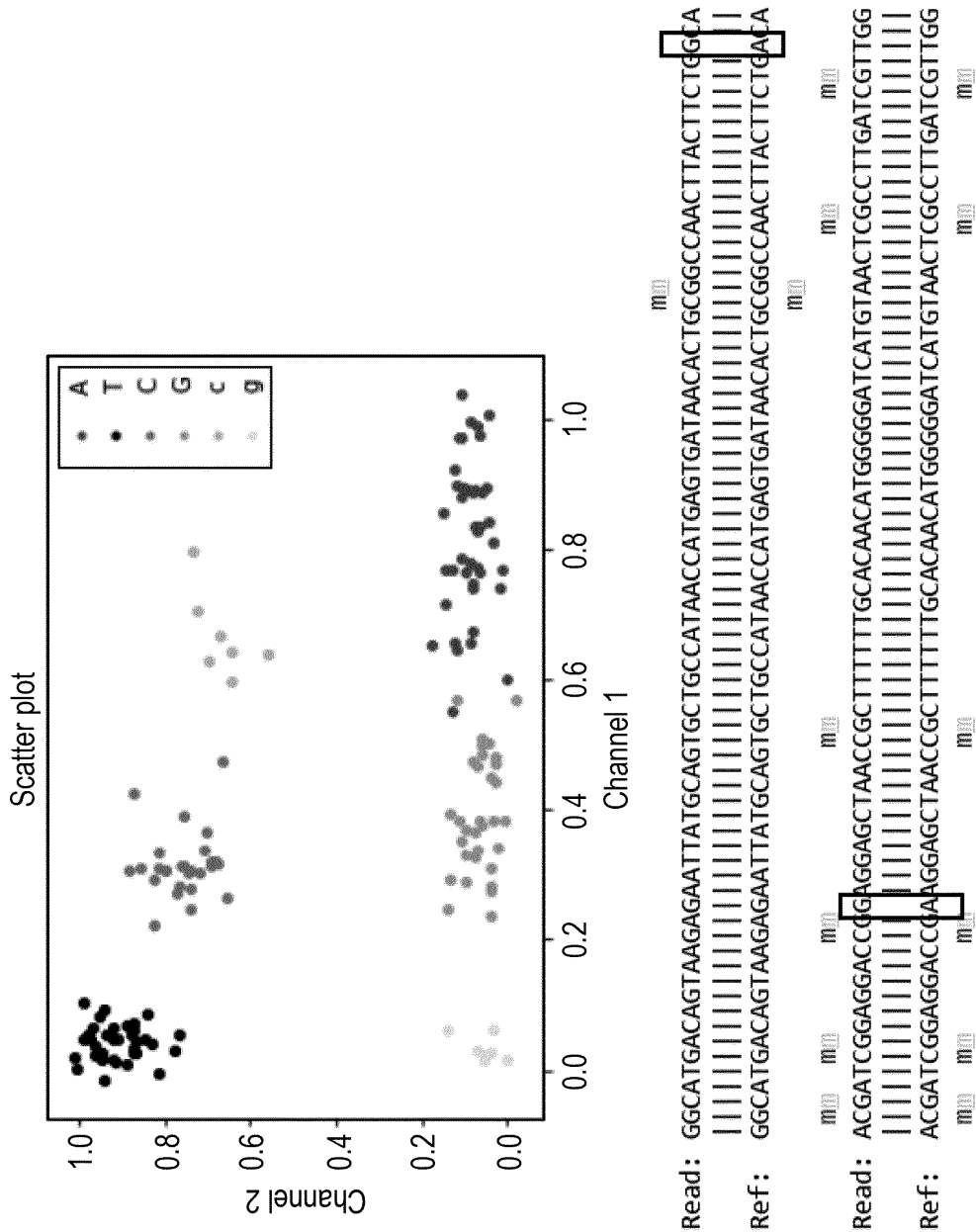


FIG. 23 (continued)

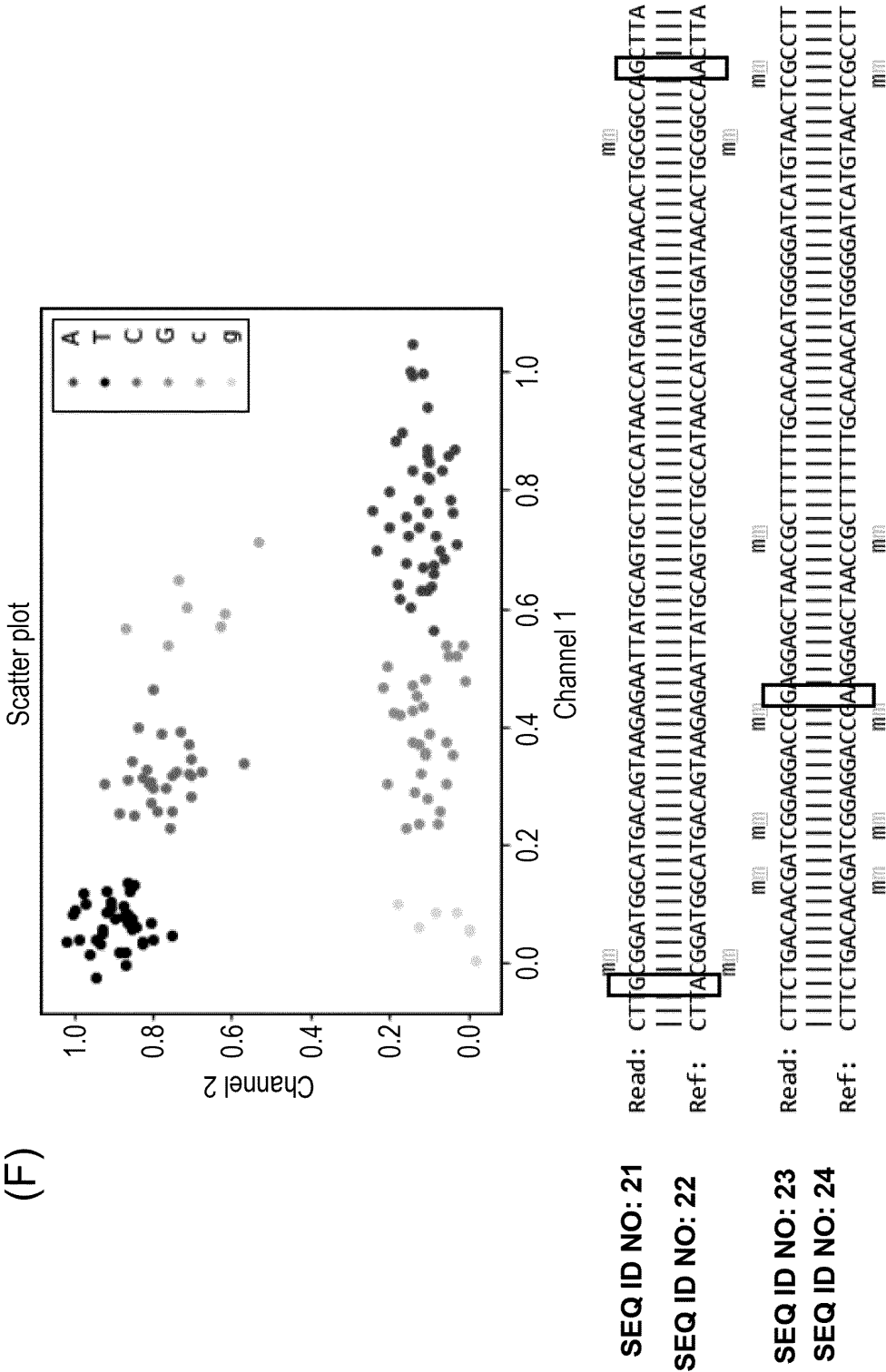


FIG. 23 (continued)