

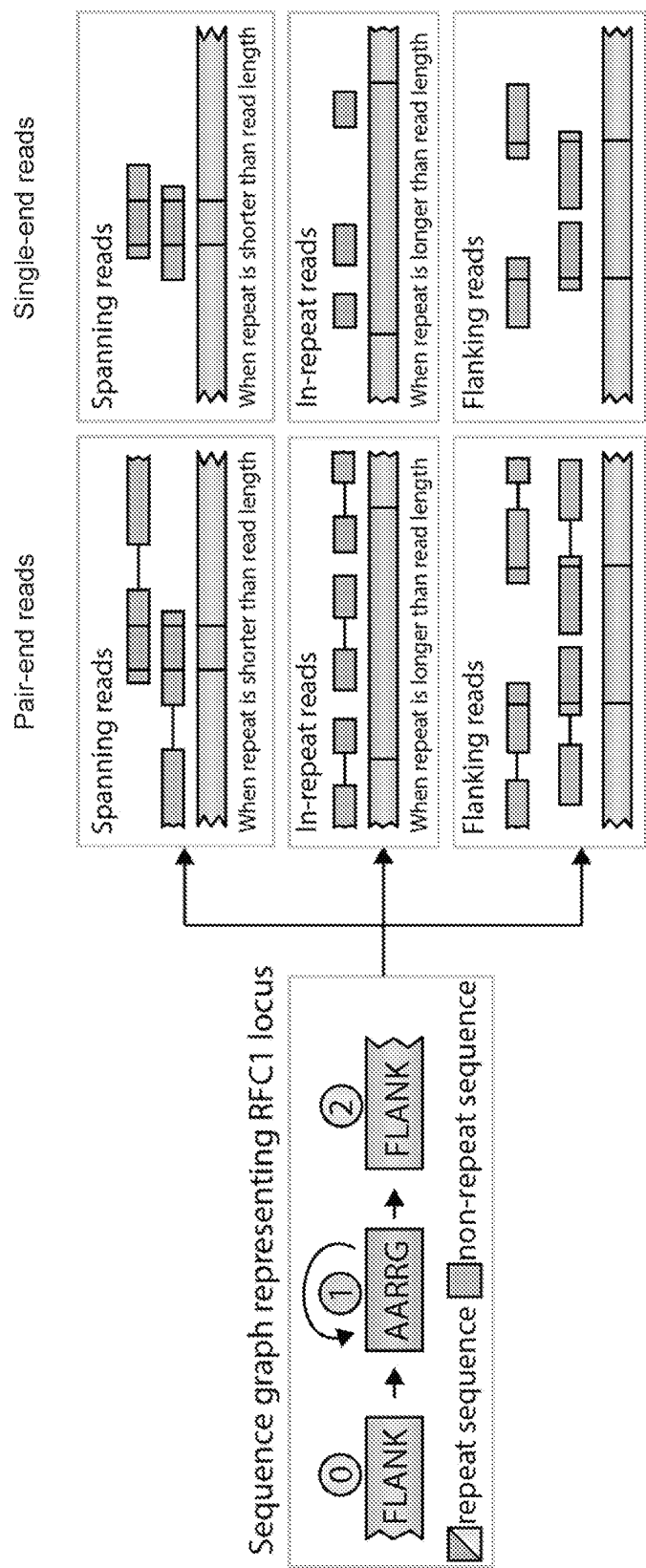
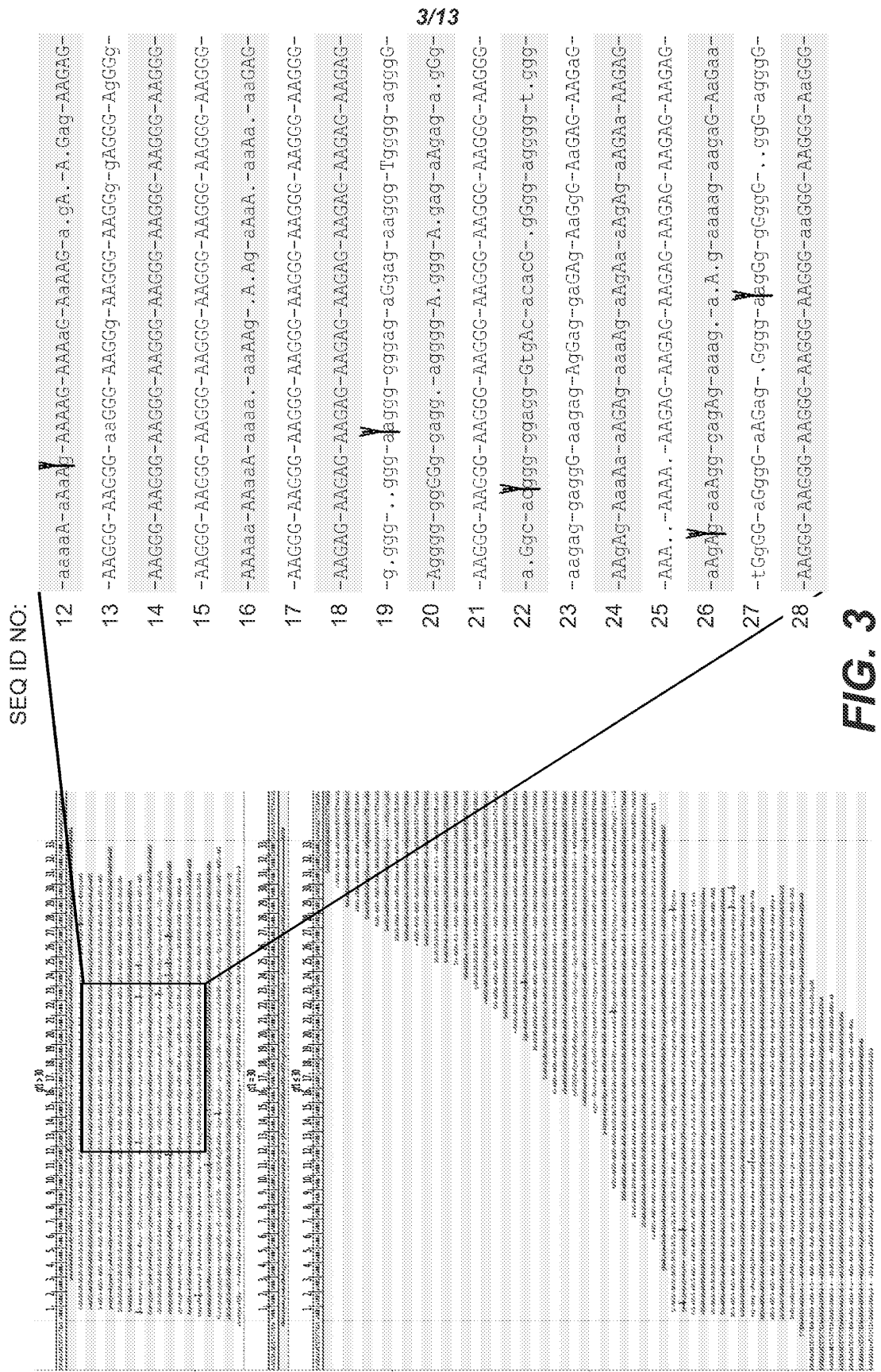


FIG. 1

SEQ ID NO:

1 G-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-
2 aGGG-aAGGG-AAGGG-AAGGG-AaGGG-AAGGG-AAGGG-AaGGG-caGGG-cAGGG-
3 AGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-
4 -AAGG-aAGGG-AAGGG-aAGGG-AAGGG-aAGGG-aAGGG-aAGGG-aAGGG-
5 -AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-
6 -AaGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-aAGGG-AAGGG-
7 -AAGGG-AAGGG-AAGGG-AAGGG-aAGGG-AAGGG-AAGGG-AAGGG-AAGGG-
8 -AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-
9 -acggG-.GgGg-c.ggg-caGGG-gGgGg-.GgGg-TgGgGg-.g.ggg-
10 -gGGG-aGGG-gGGGg-GgGGG-GgGGG-GgGGG-GGGGg-GaGGG-GGGGg-
11 -GAGg-Ggag-a.GGg-aGagG-GagGg-aagag-GgGgG-g.GGg-AGGag-.gGg-aaGGG-

FIG. 2



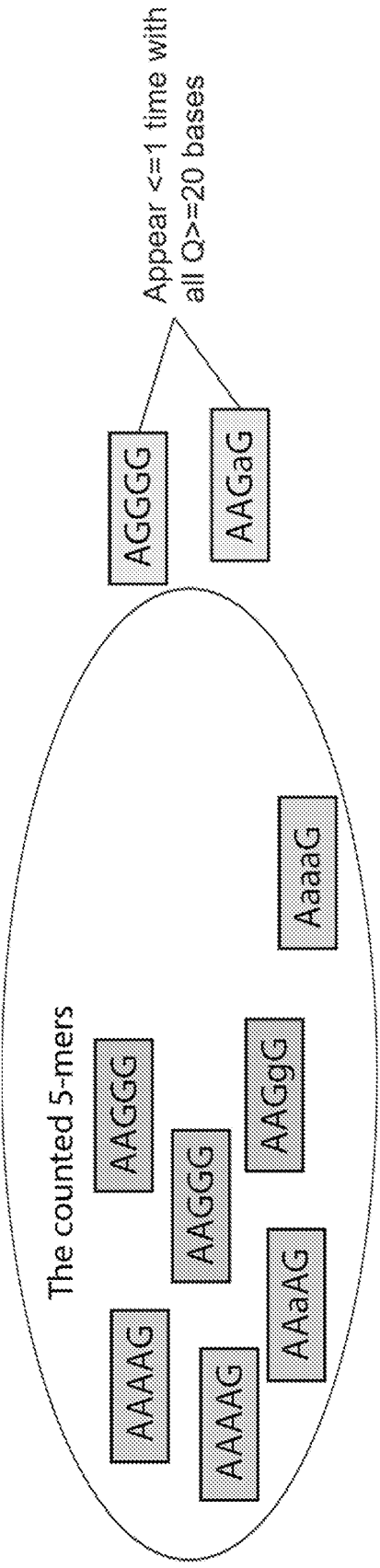


FIG. 4A

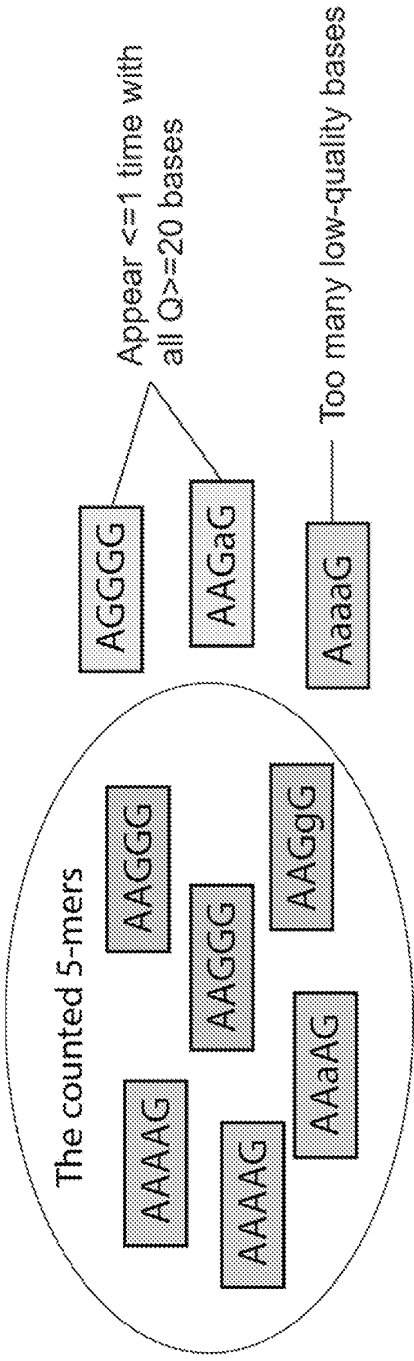
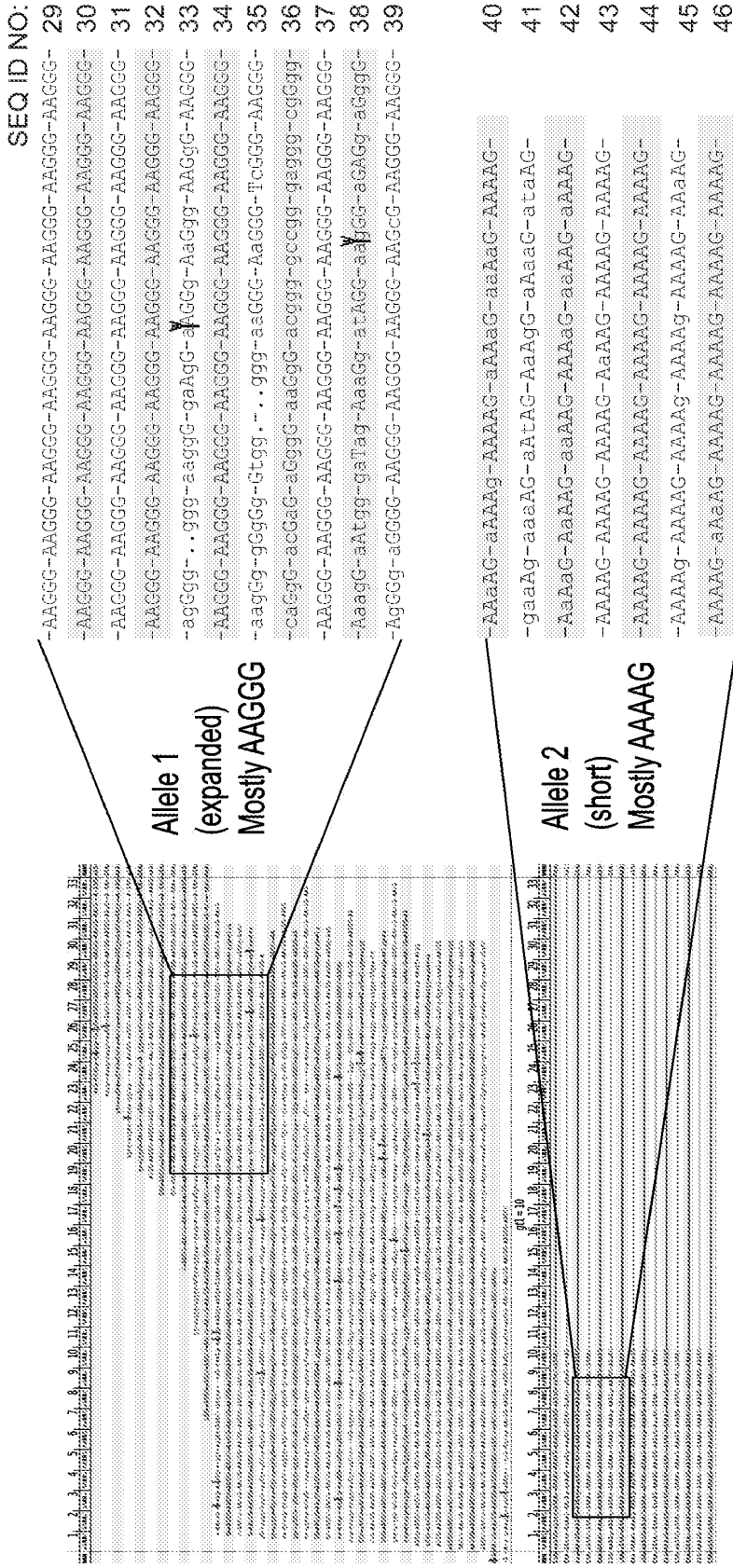
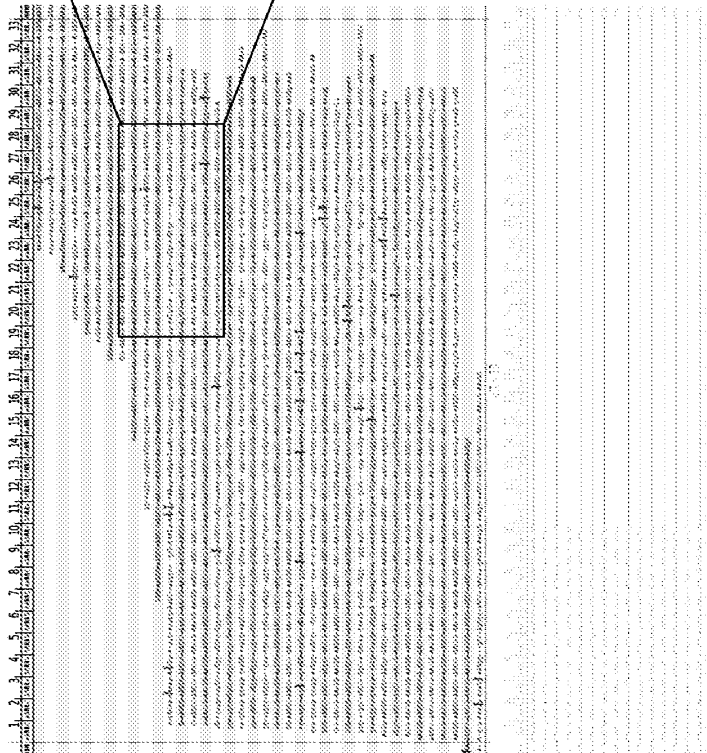


FIG. 4B



SEQ ID NO:
-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG- 29
-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG- 30
-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG- 31
-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG- 32
-agGGg+. . .ggg-aagGg-gaagG-aAGGg-AaGgG-AAGGG- 33
-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG- 34
-aagGg-gGgGg-Gtgg. . .ggg-aagGG-aAGGG-TcGGG-AAGGG- 35
-CaGgG-acGaG-aGggG-aAGGg-aGggg-gGcgg-gaggg-cGgGg- 36
-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG- 37
-AaagG-aAtgg-gaTAg-AaAGg-aTAGG-aAGGg-aGggg- 38
-AgGGg-aGGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG-AAGGG- 39

Allele 1
(expanded)
Mostly AAGGG



By doing 5-mer counting on the expanded allele only, it was observed:

%AAGGG = 93% %GGGGG = 7%

%AAAAG = 0%

FIG. 5B

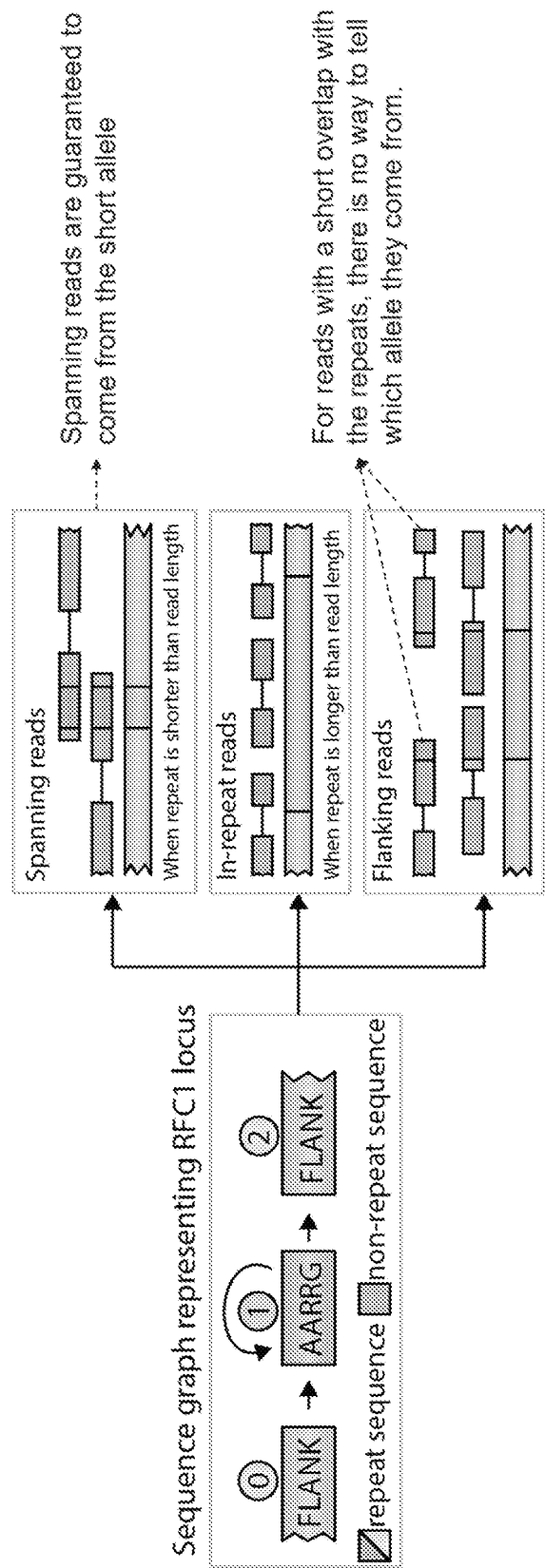


FIG. 6A

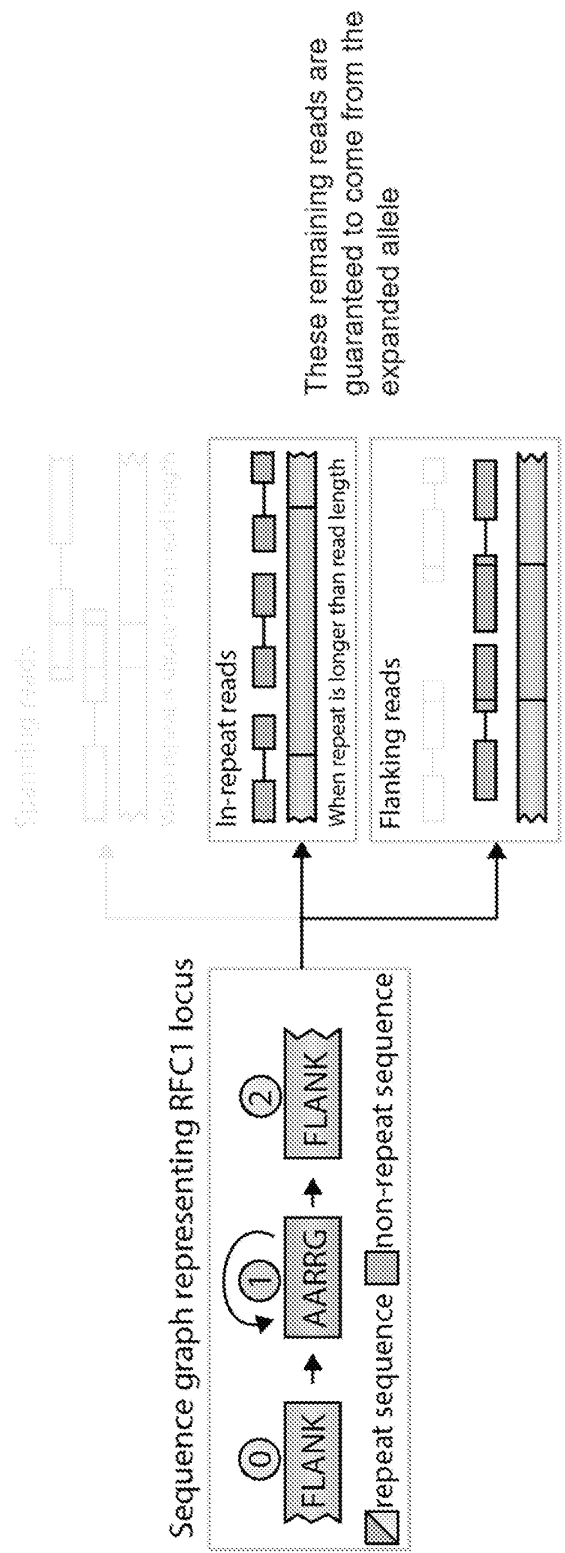


FIG. 6B

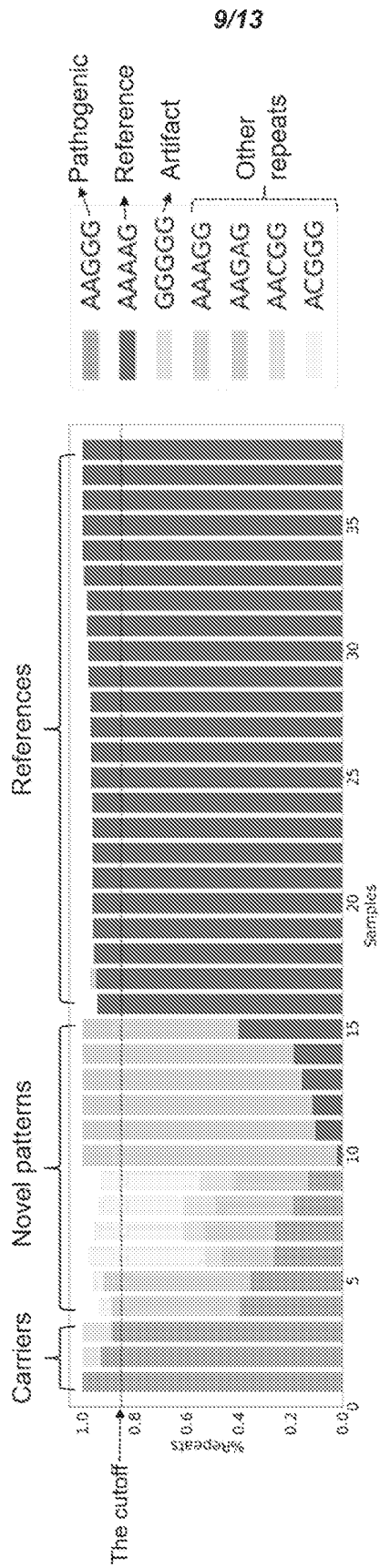


FIG. 7

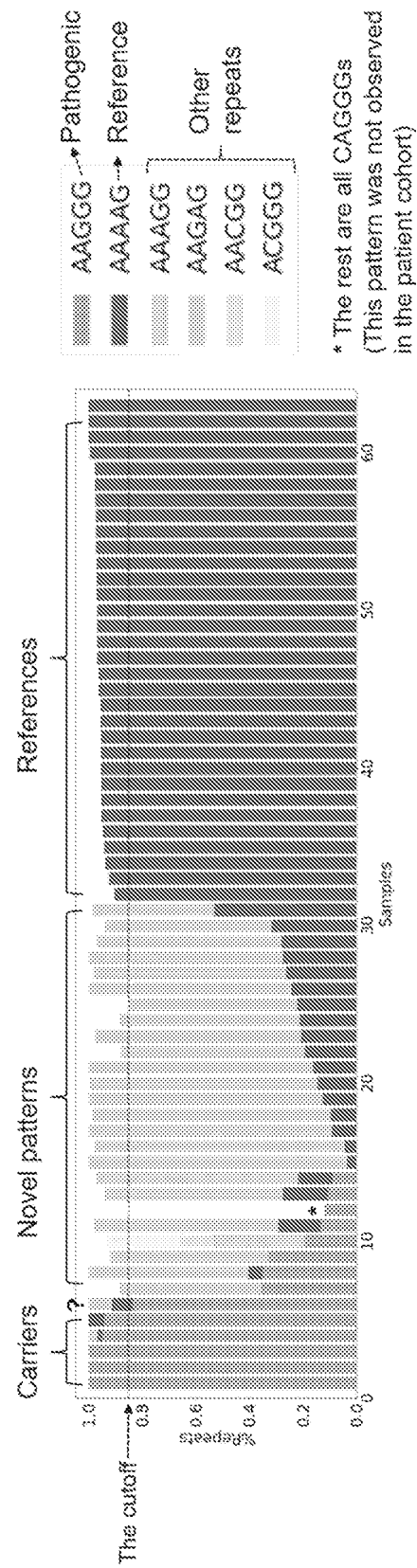
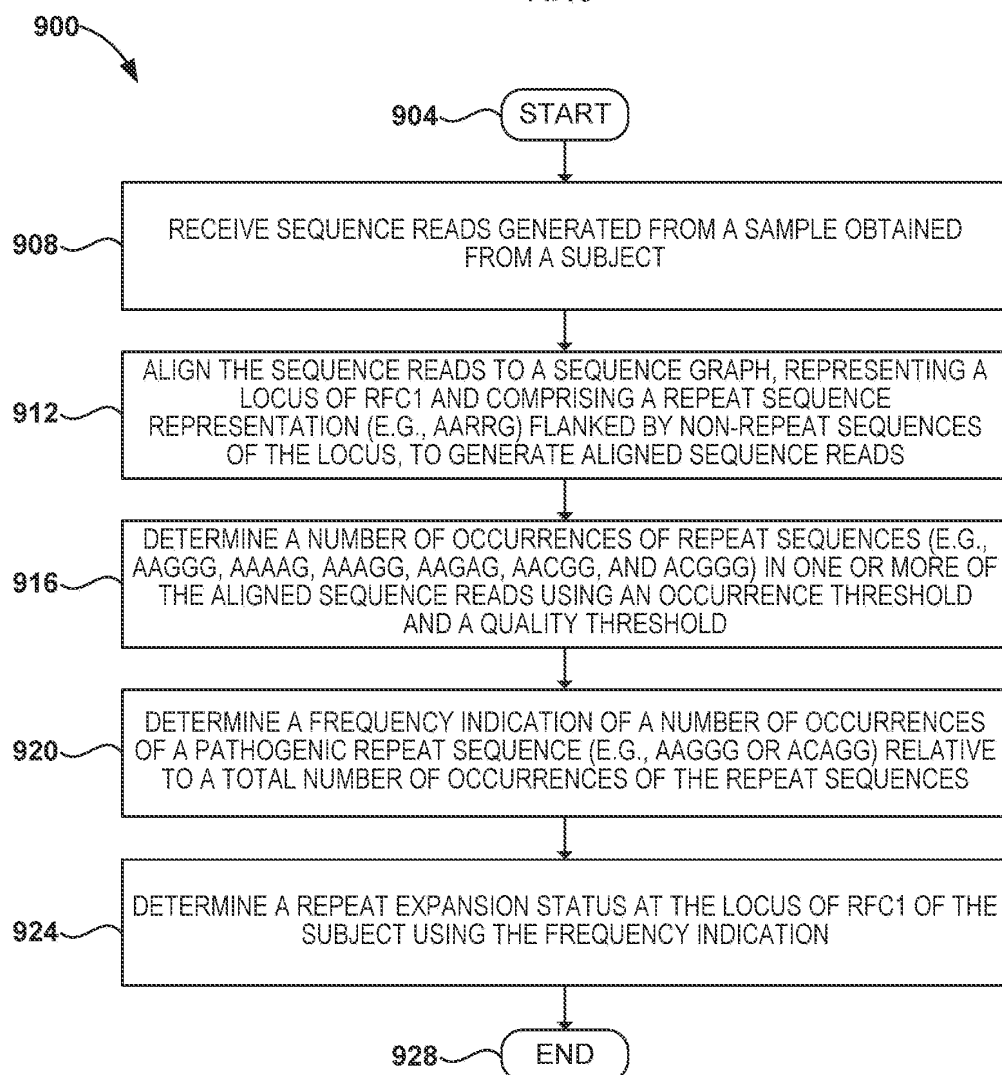


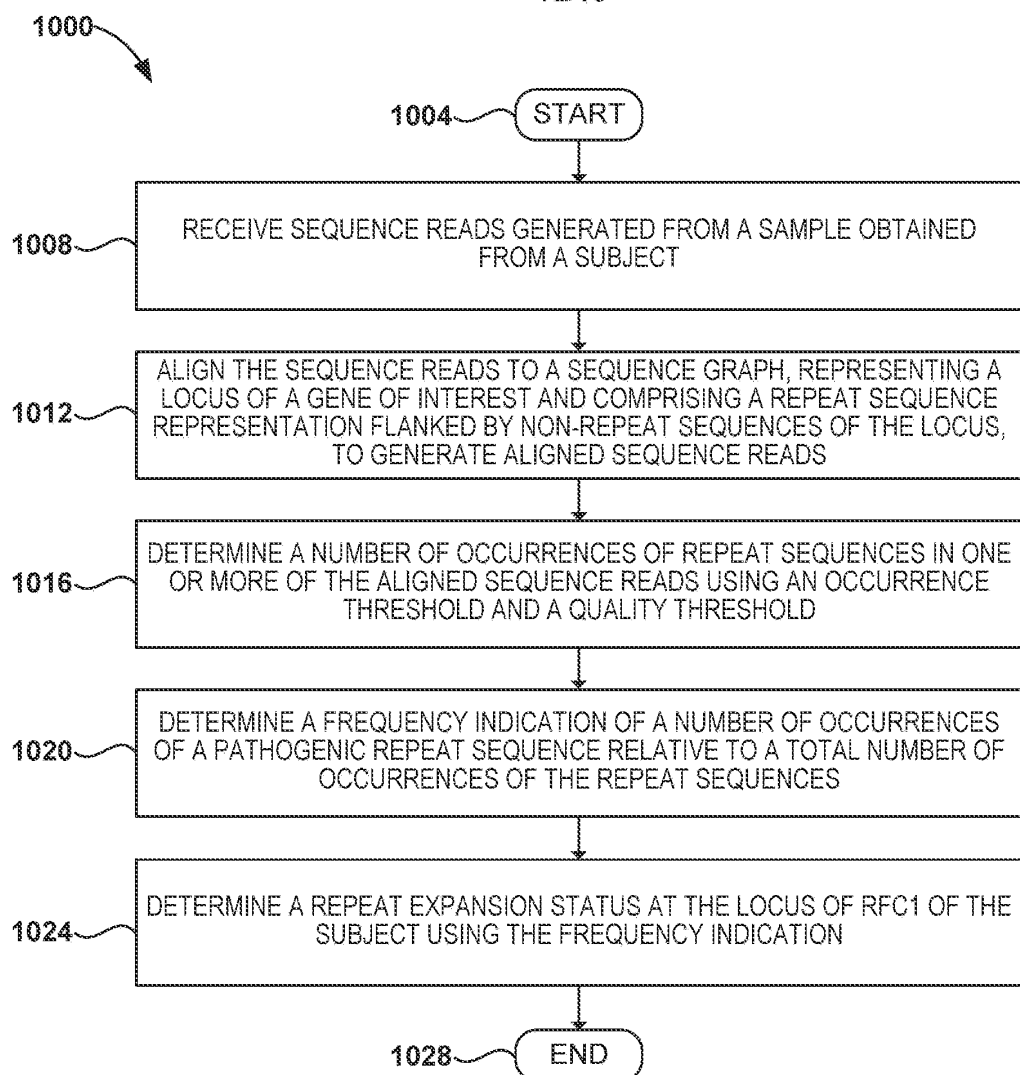
FIG. 8

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**FIG. 9**

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**FIG. 10**

SUBSTITUTE SHEET (RULE 26)

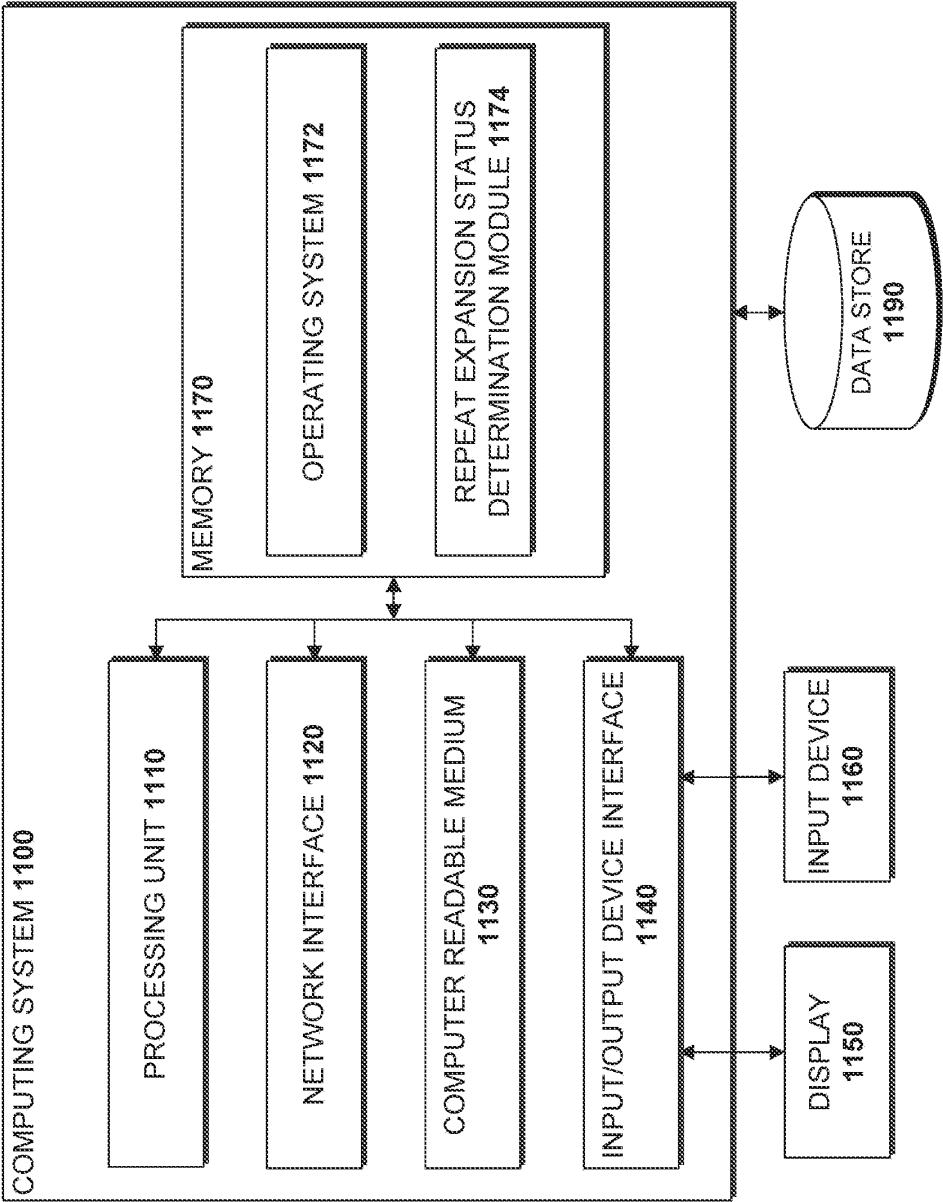


FIG. 11