

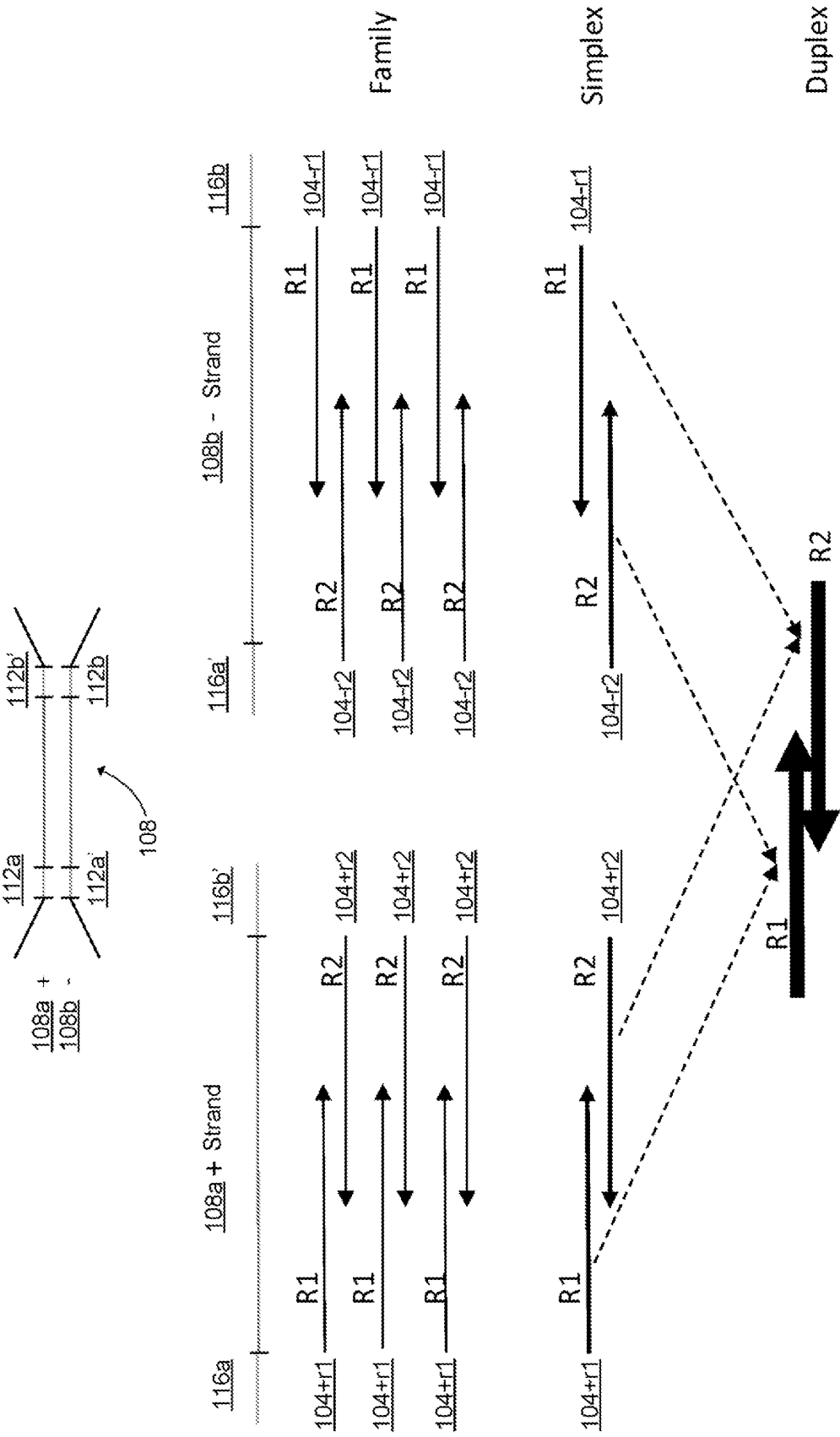
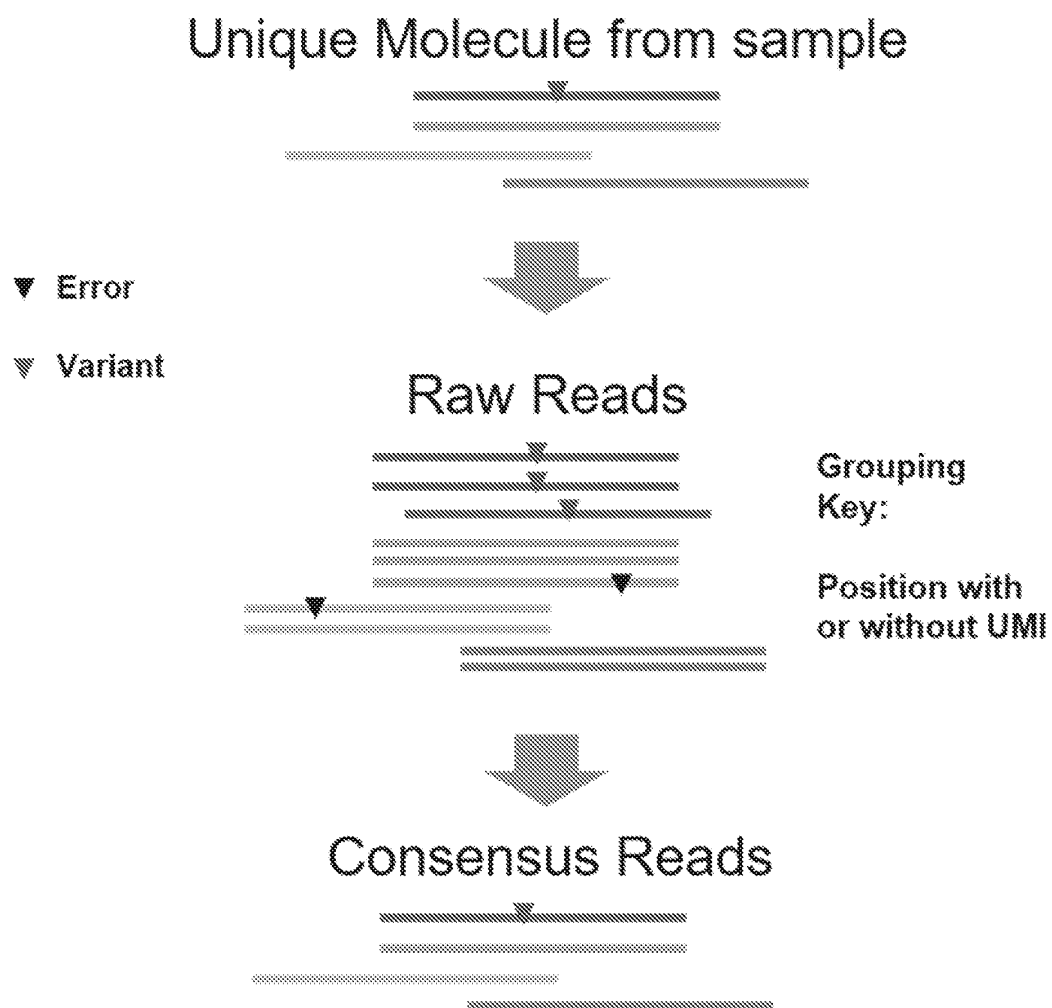


FIG. 1A

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**FIG. 1B**

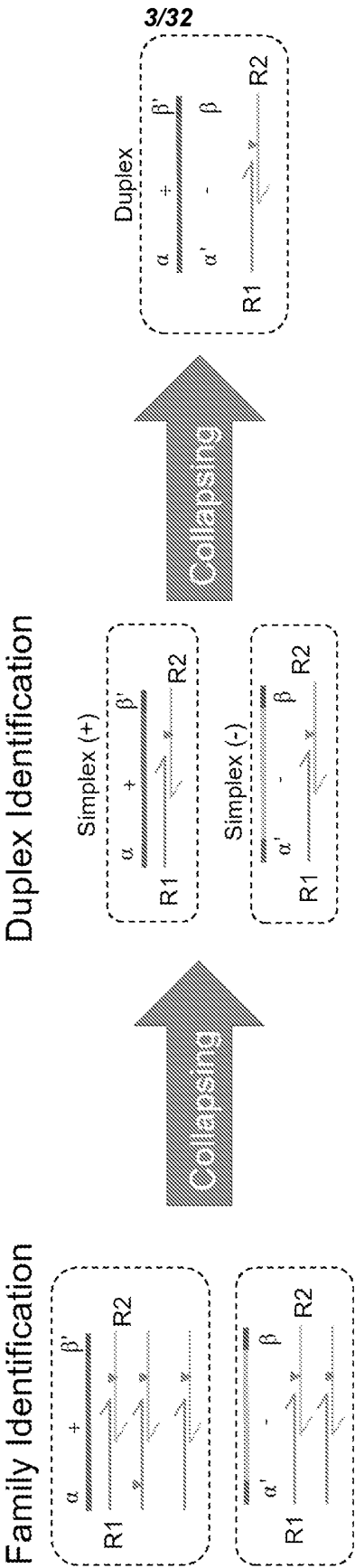


FIG. 2

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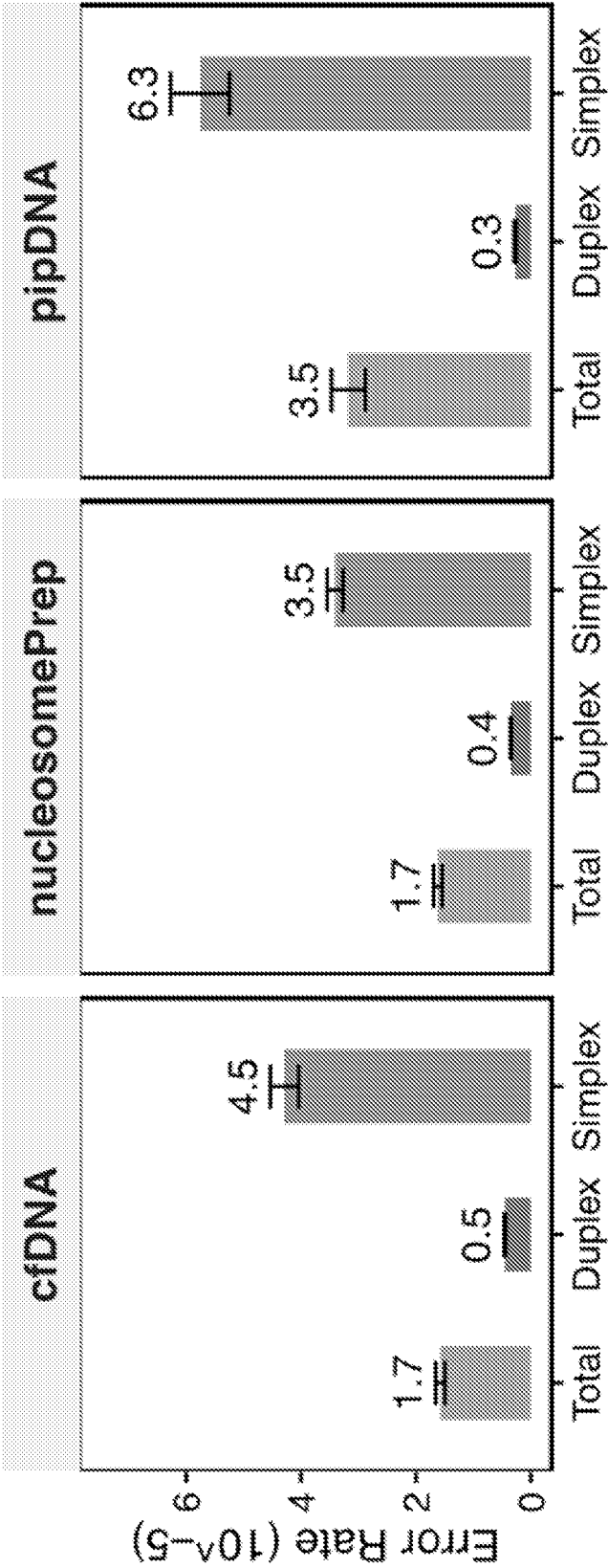


FIG. 3

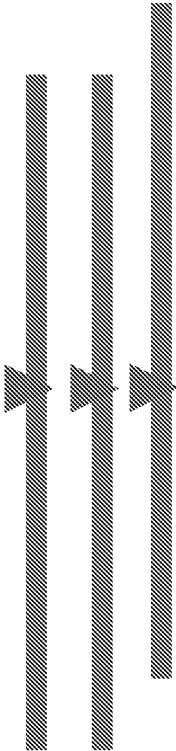
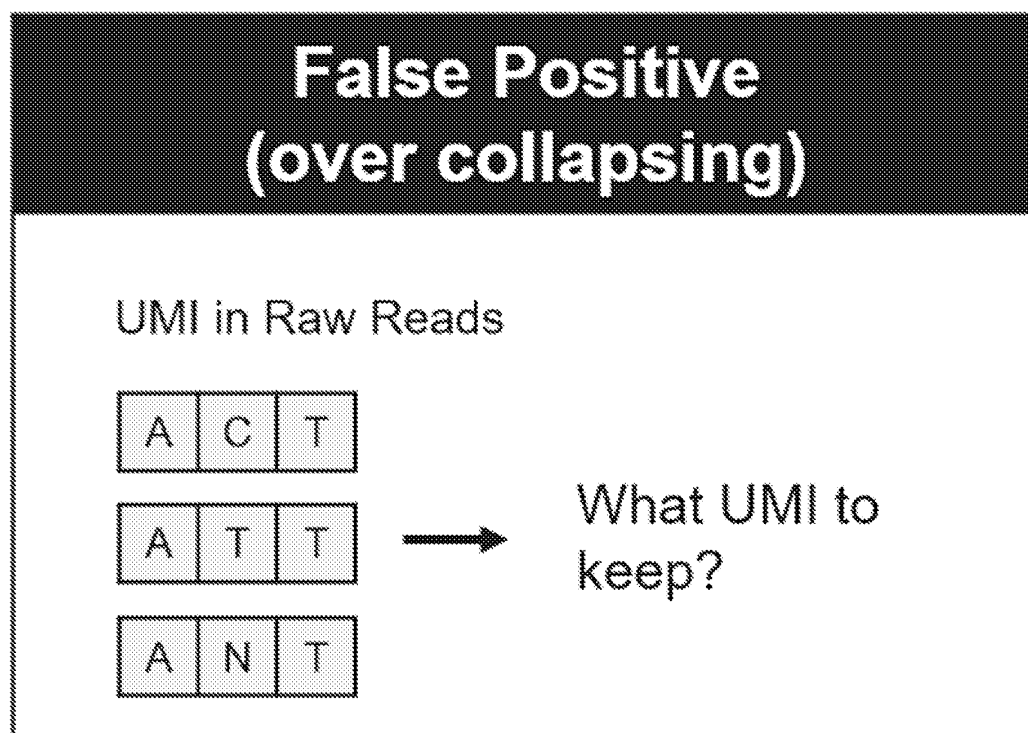
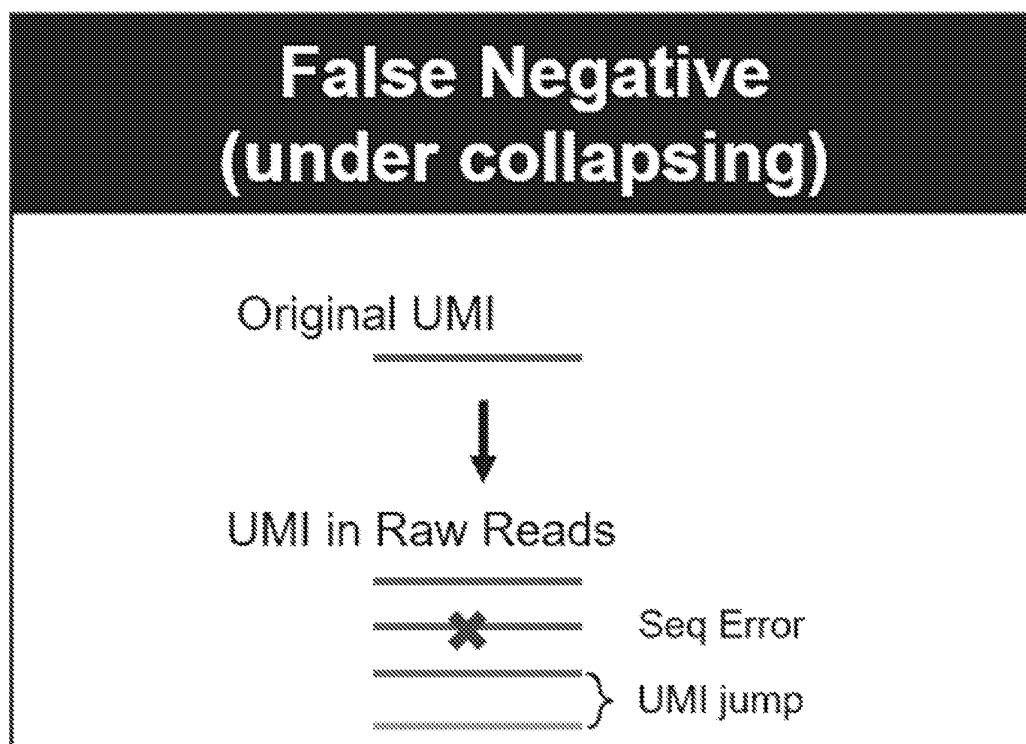
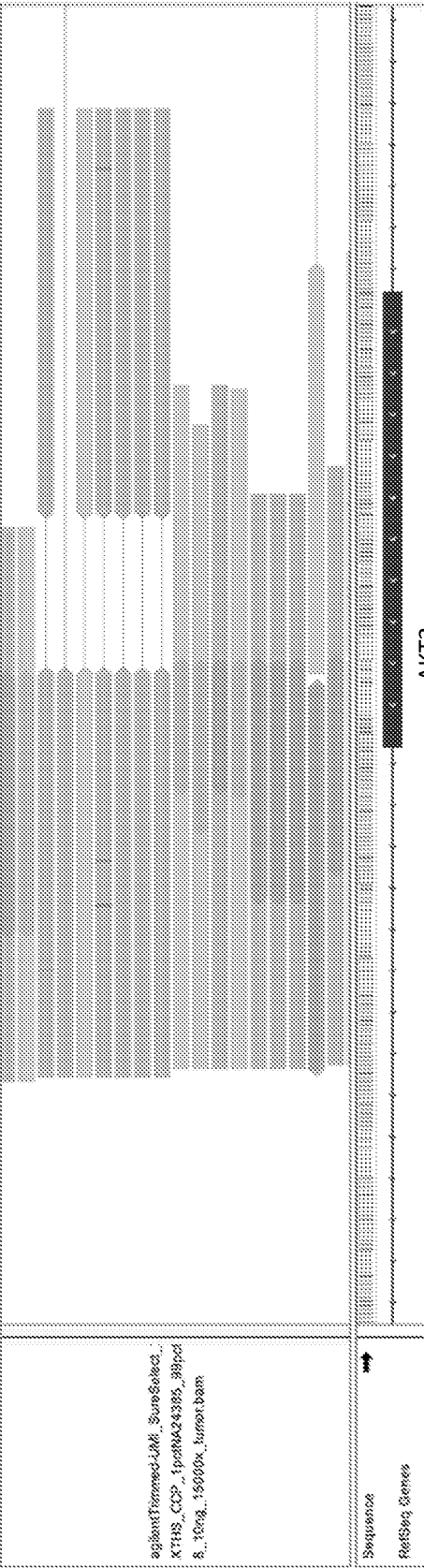


FIG. 4

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**FIG. 5**



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DRAGEN collapsed read name: UMI\_chromosome\_read1 start\_chromosome\_read2 start\_orientation

SEQ ID NO: 1

consensus\_read\_CATCGGGGAG\_0\_243828230\_0\_243827992\_2

SEQ ID NO: 2

consensus\_read\_GAGTTACTGG\_0\_243828230\_0\_243827992\_2

SEQ ID NO: 3

consensus\_read\_GCGGGGGAAC\_0\_243828230\_0\_243827992\_2

SEQ ID NO: 4

consensus\_read\_GCGTGGGAAC\_0\_243828230\_0\_243827992\_2

SEQ ID NO: 5

consensus\_read\_TTAATGAGCT\_0\_243828230\_0\_243827992\_2

FIG. 6

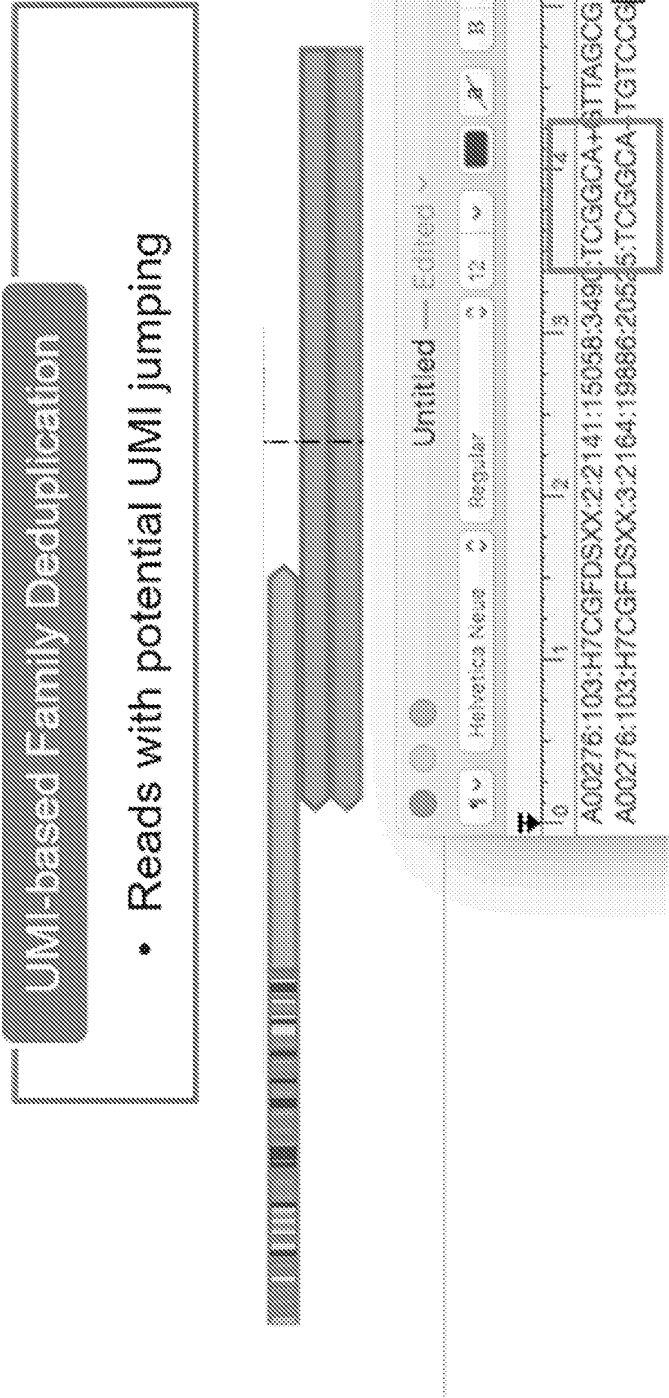


FIG. 7

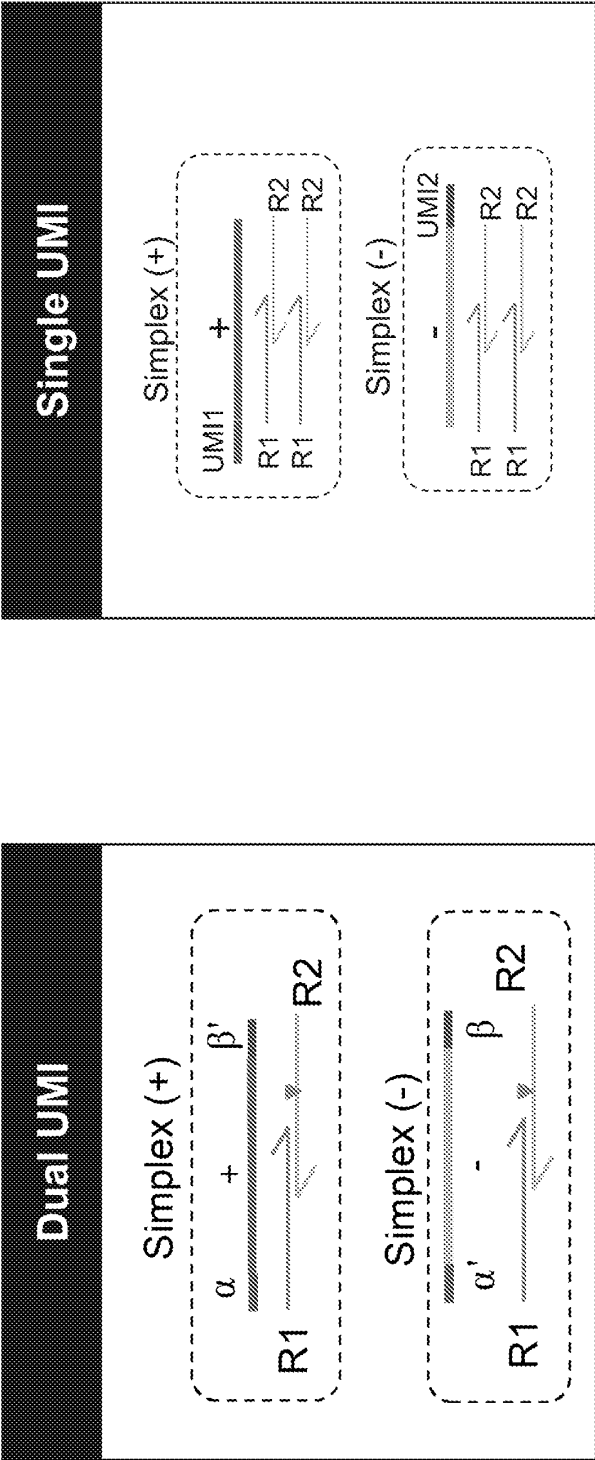


FIG. 8

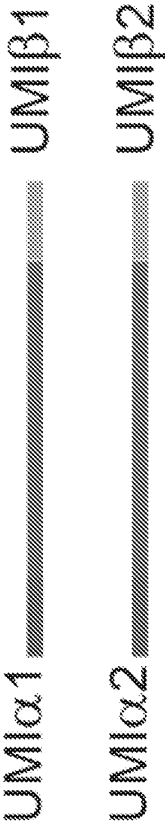
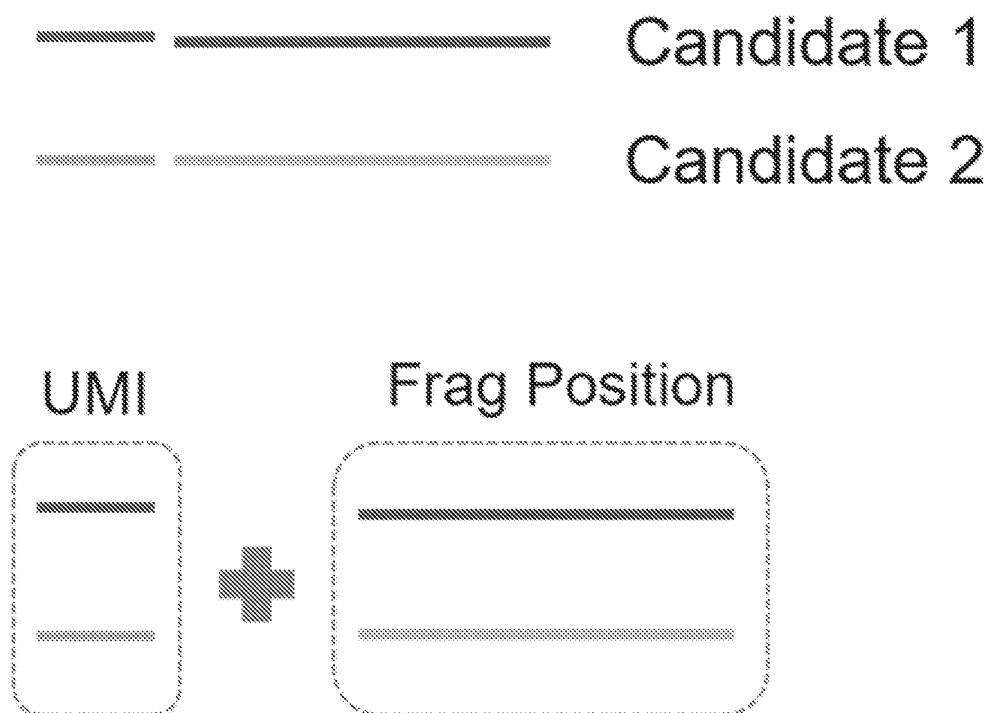
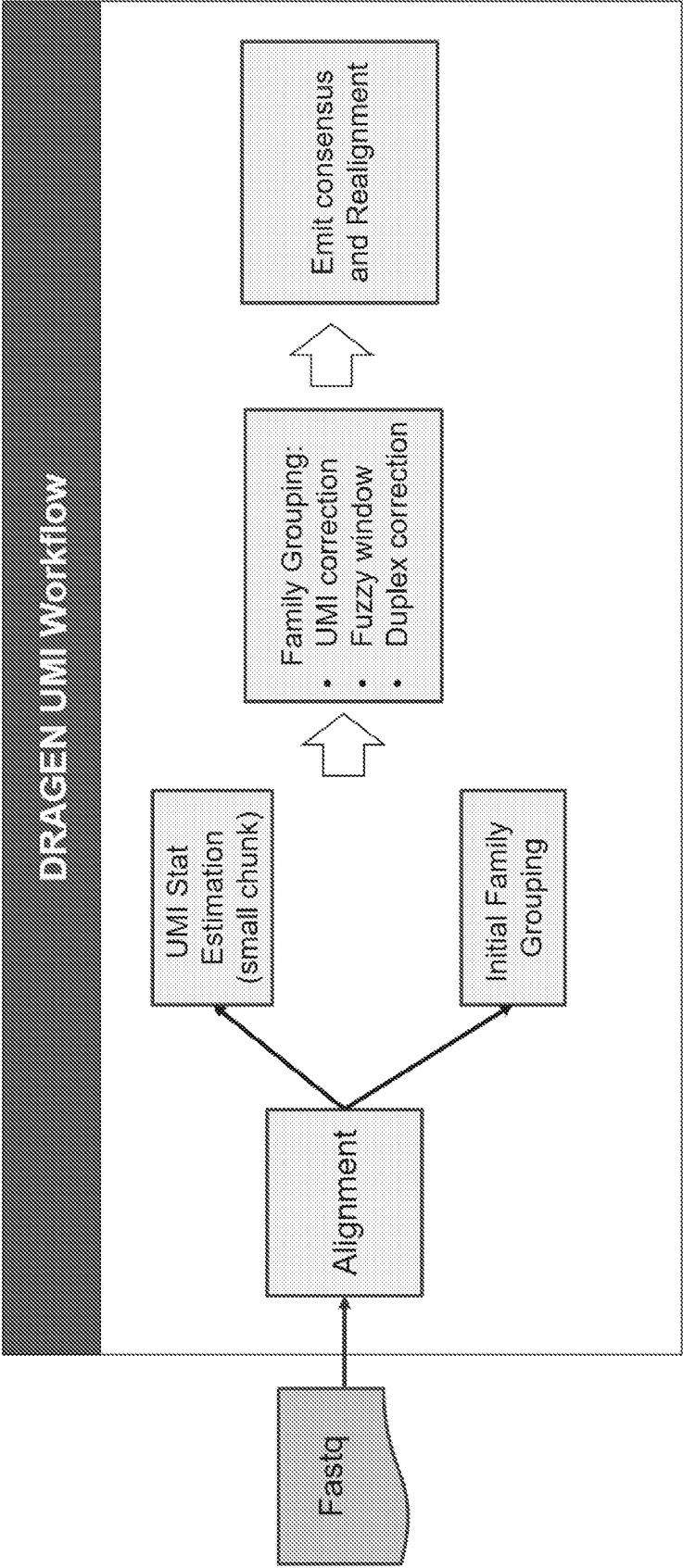


FIG. 9

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**FIG. 10**

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**FIG. 11**

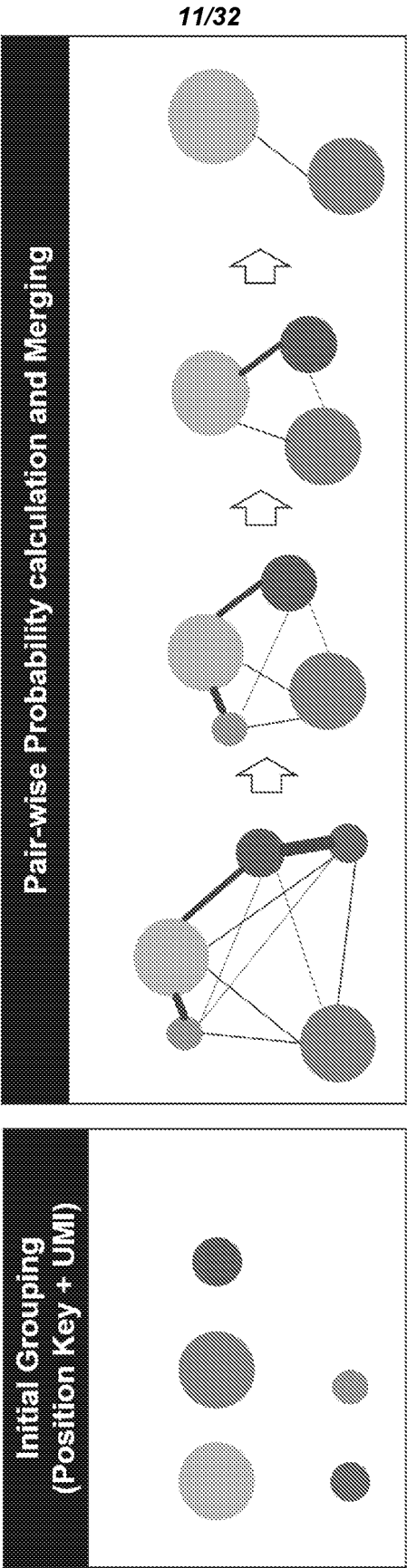


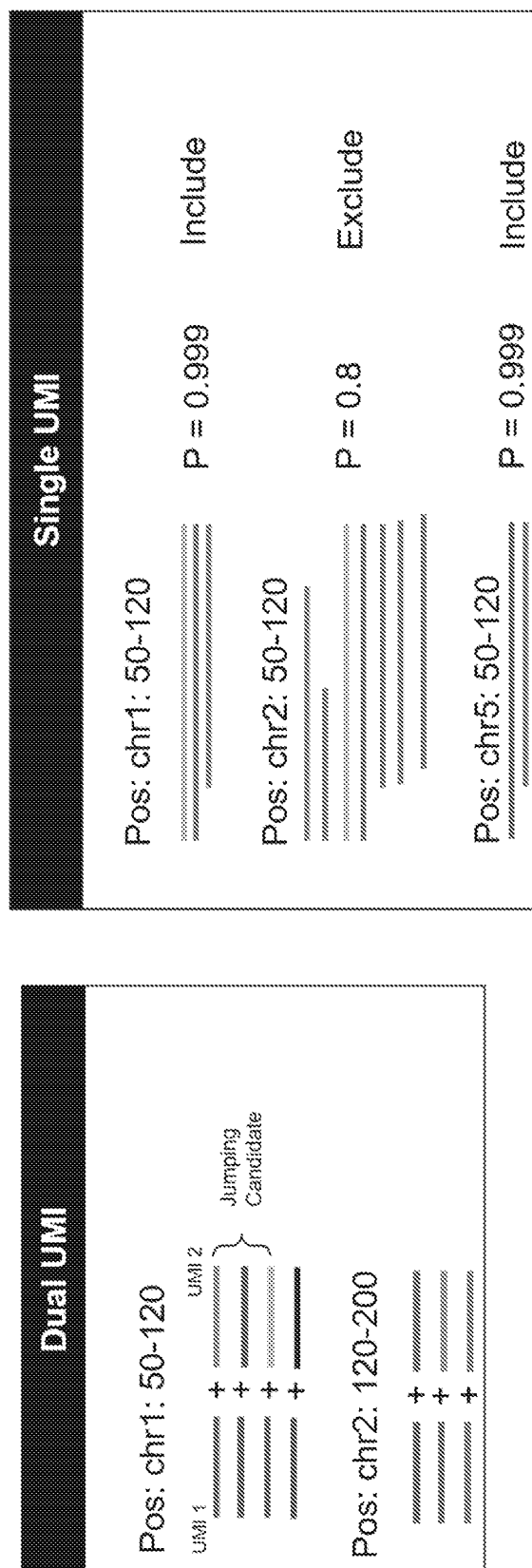
FIG. 12

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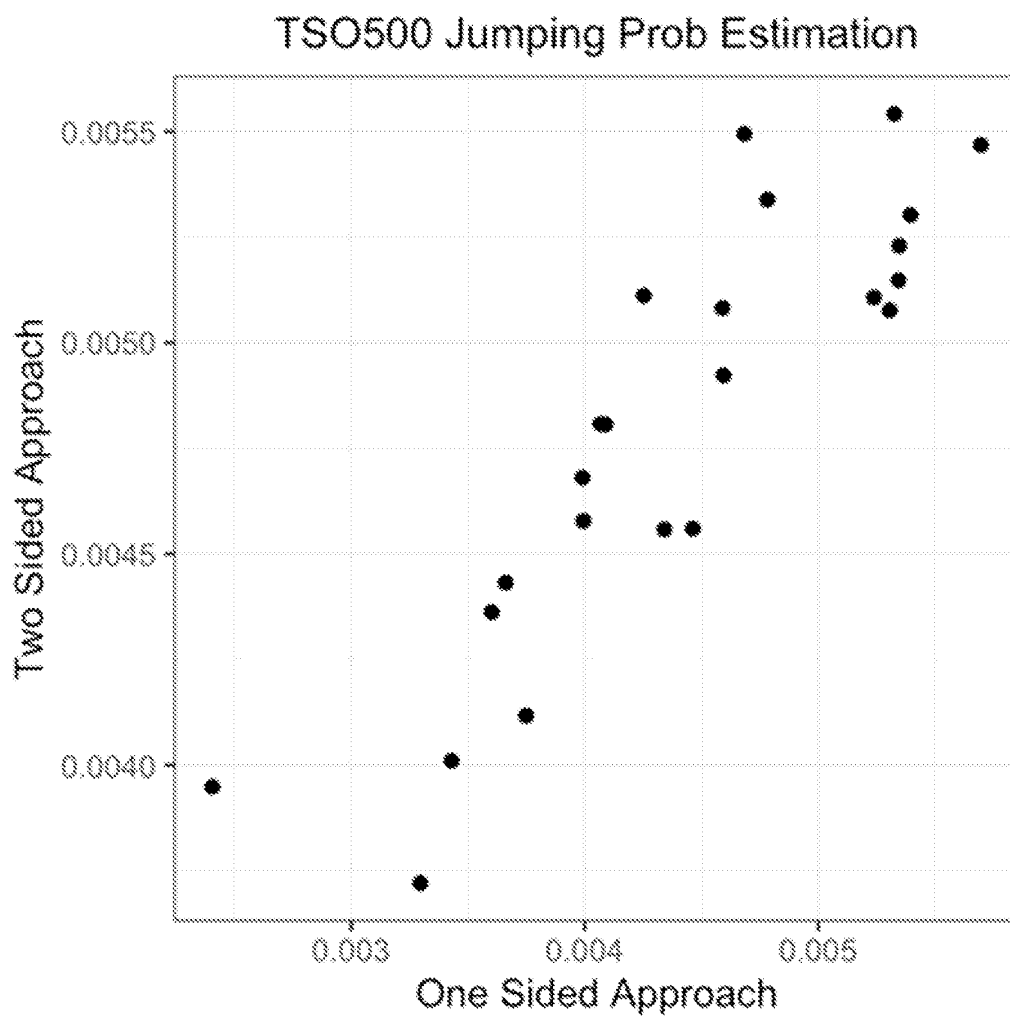
Candidate Number = 7

**FIG. 13**



**FIG. 14**

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**FIG. 15**

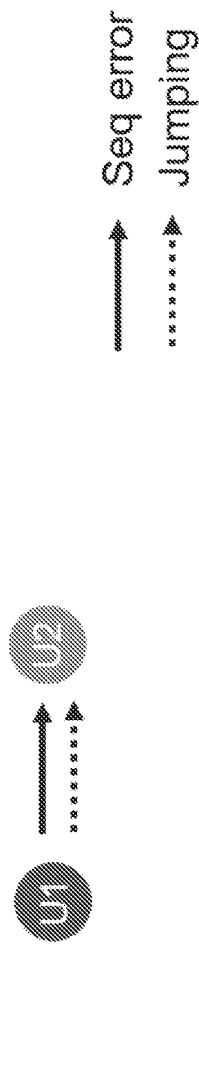
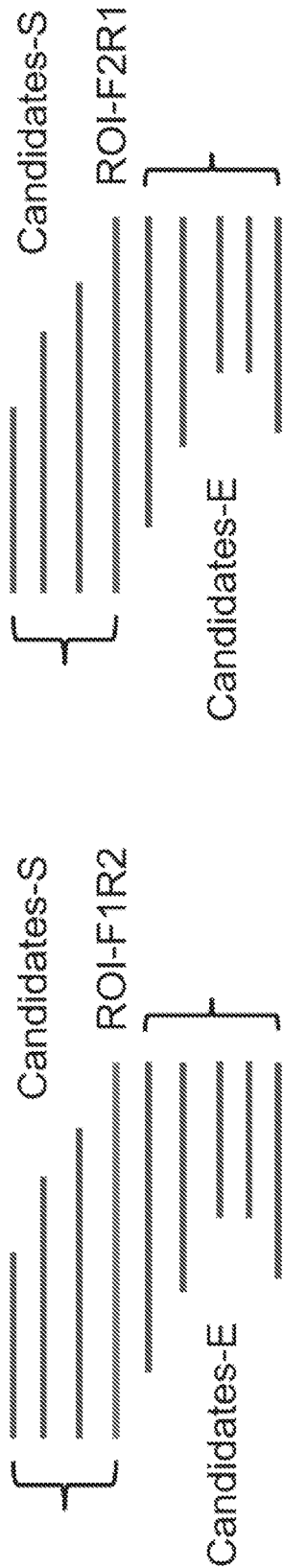


FIG. 16

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Total Candidates = 12

FIG. 17

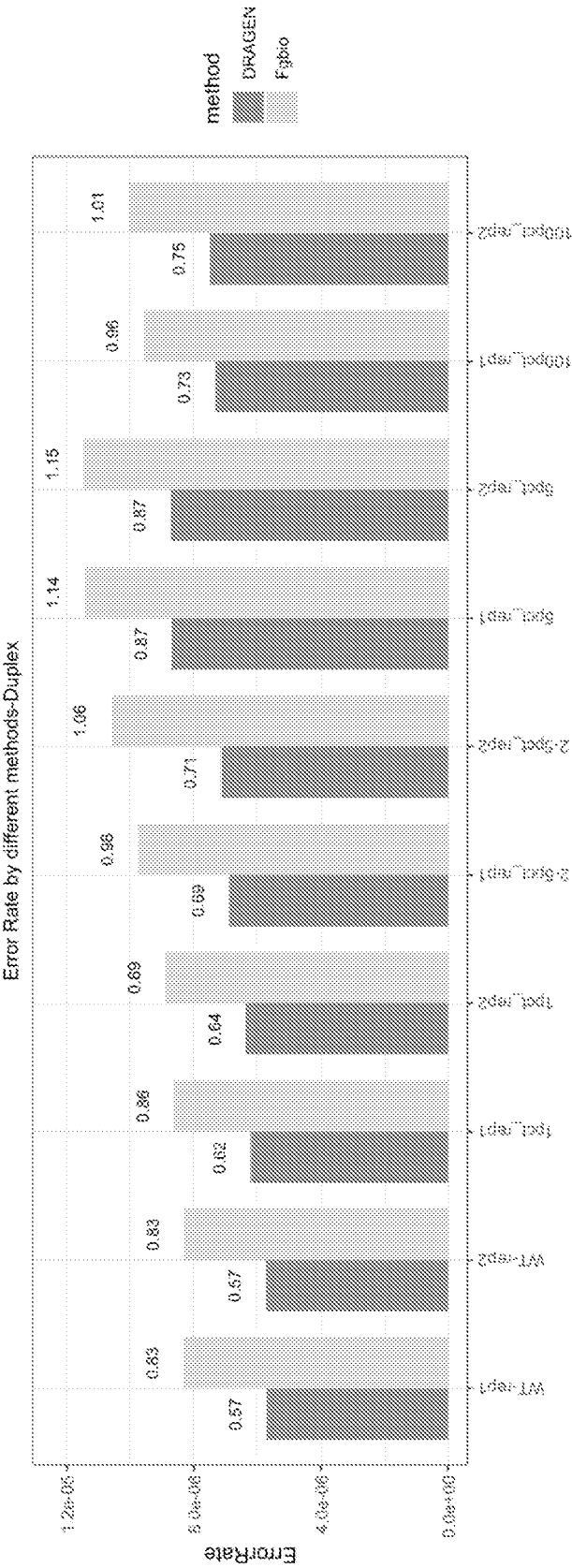


FIG. 18

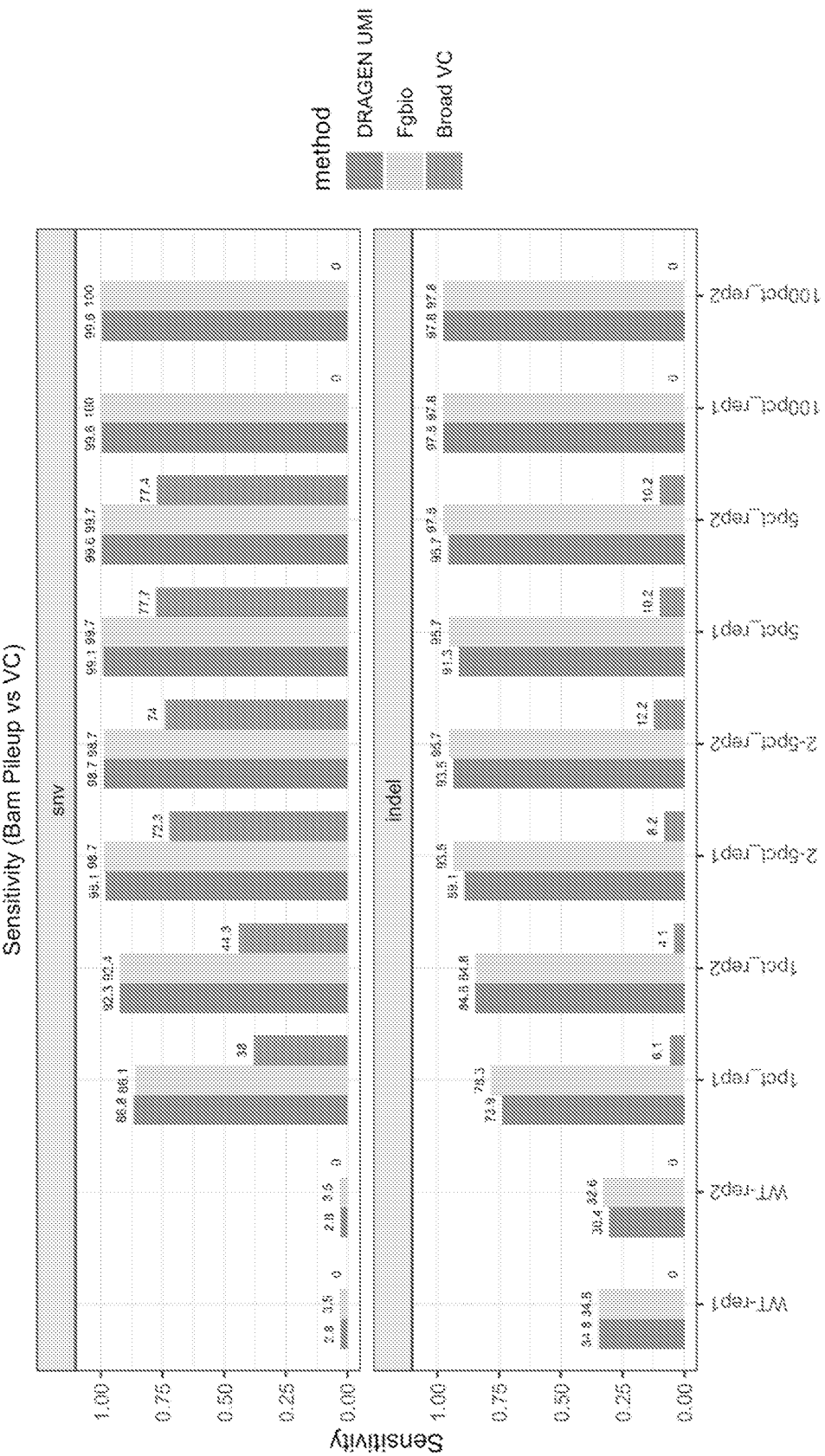


FIG. 19

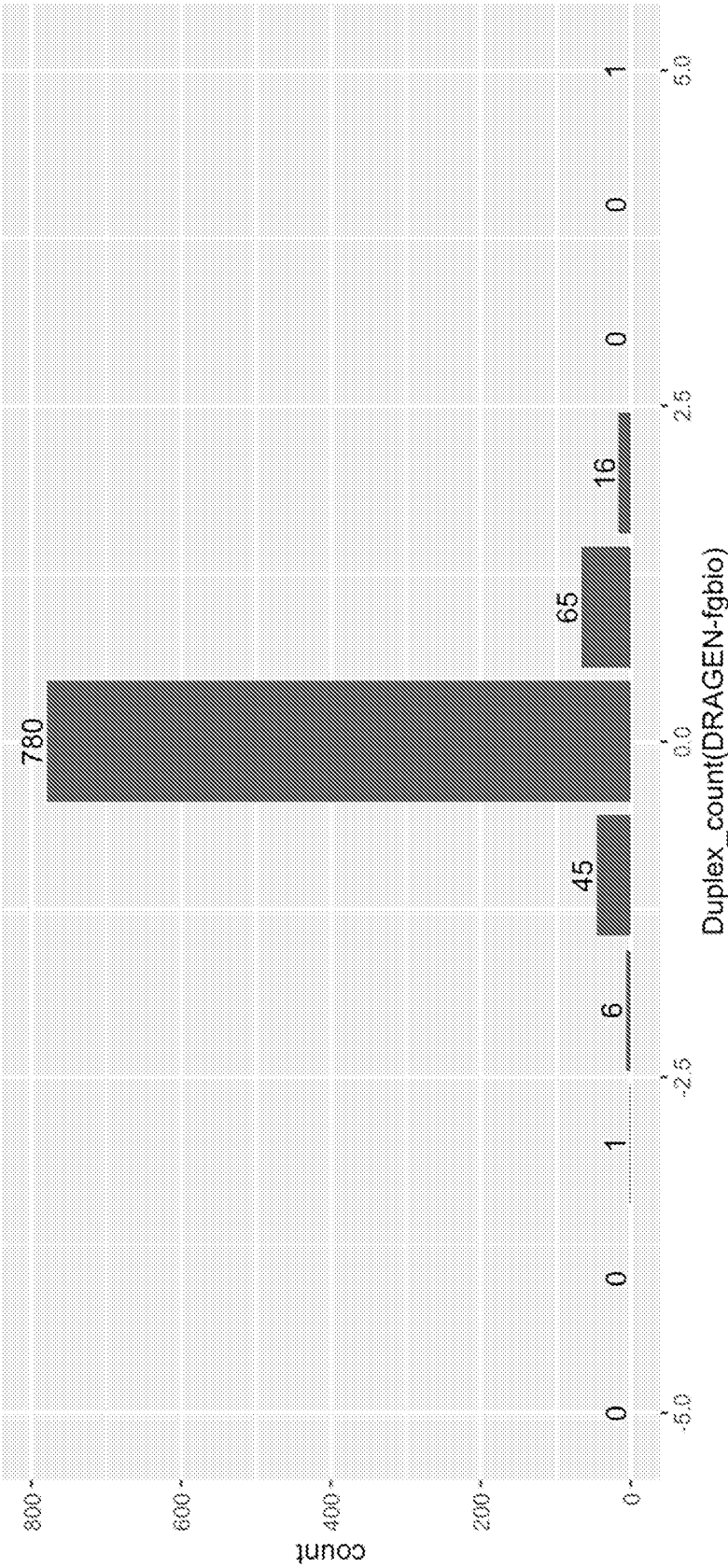
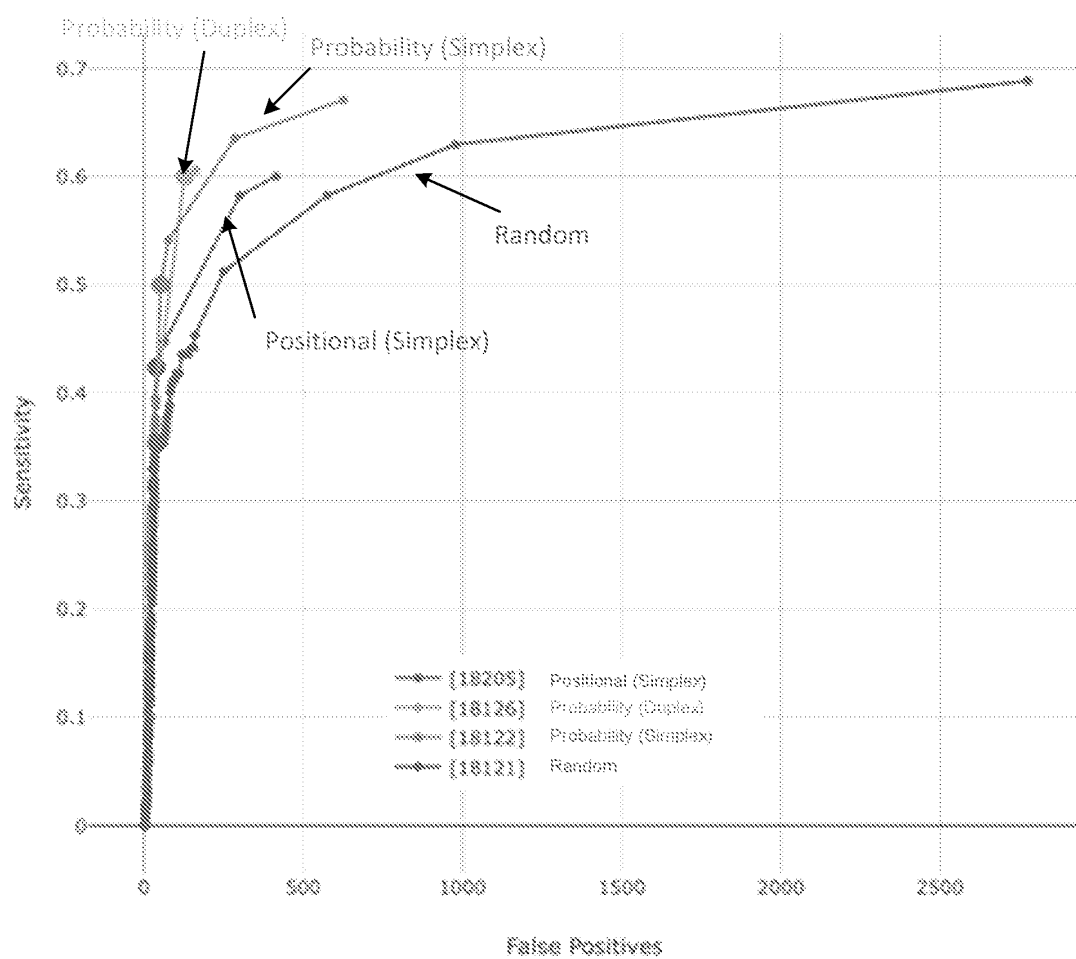


FIG. 20

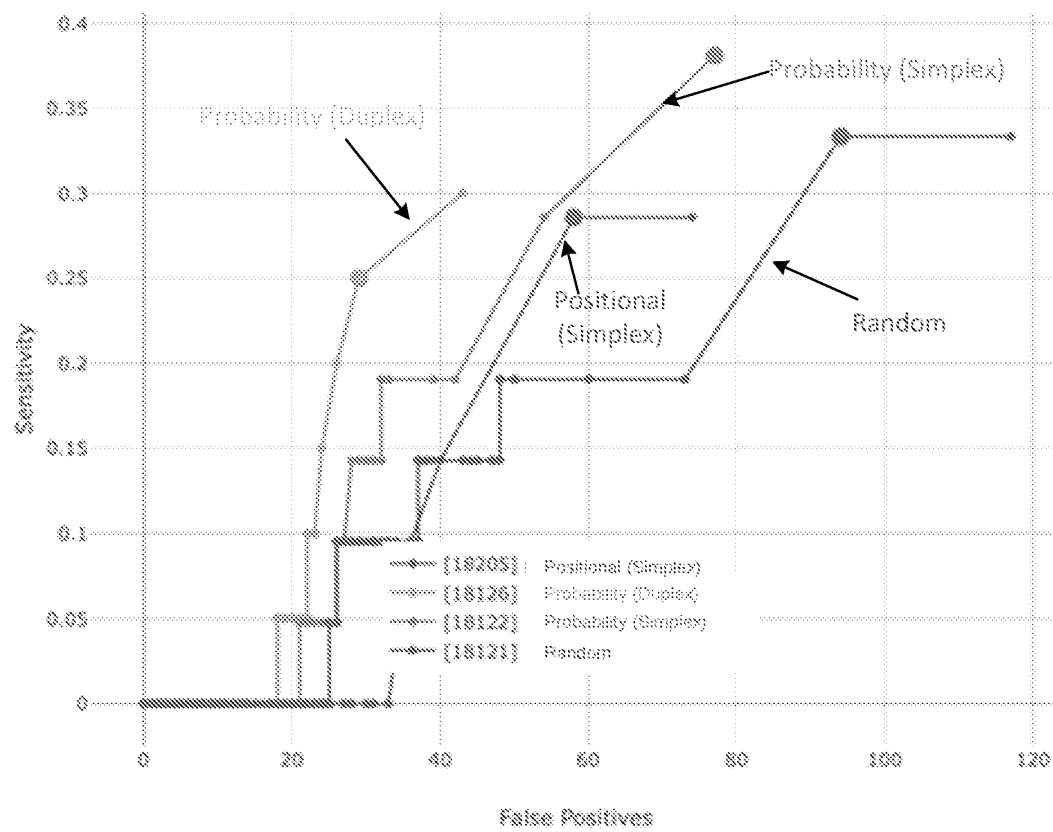
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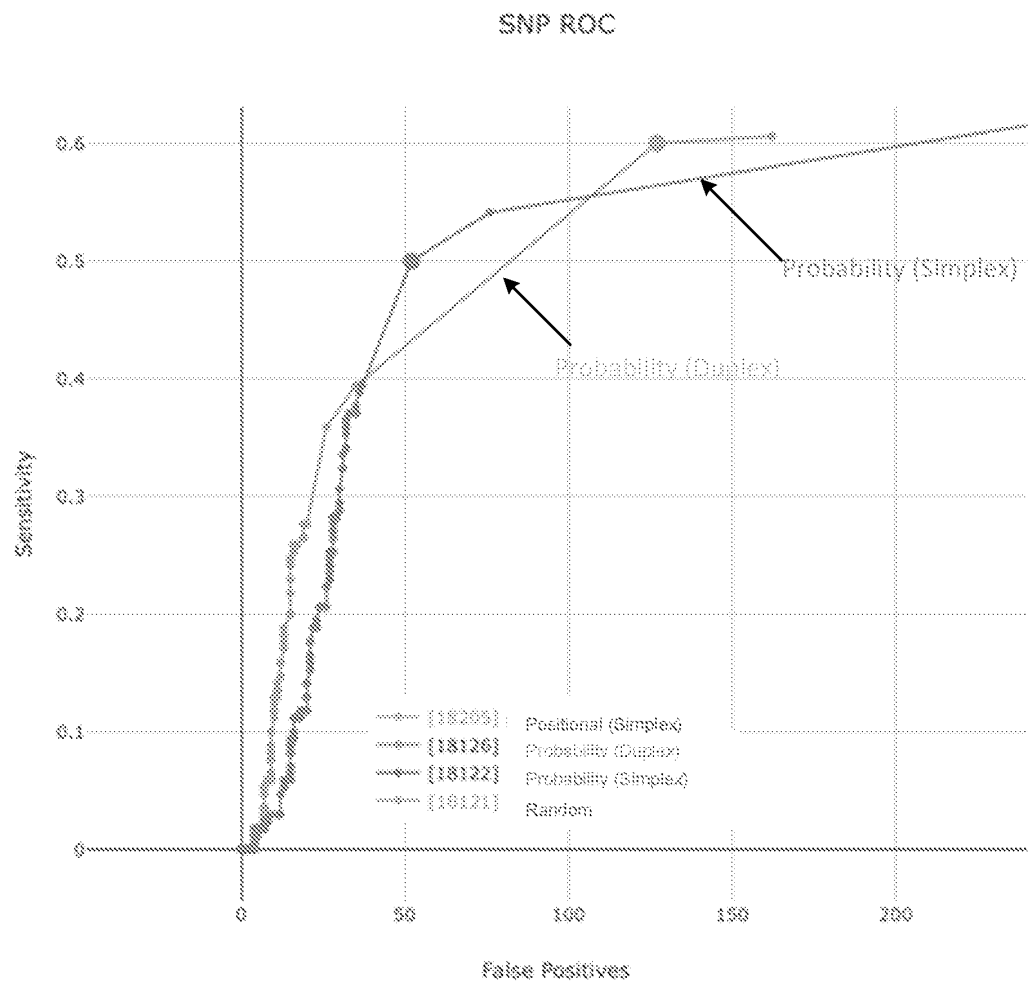
SNP ROC

**FIG. 21**

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Non SNP ROC

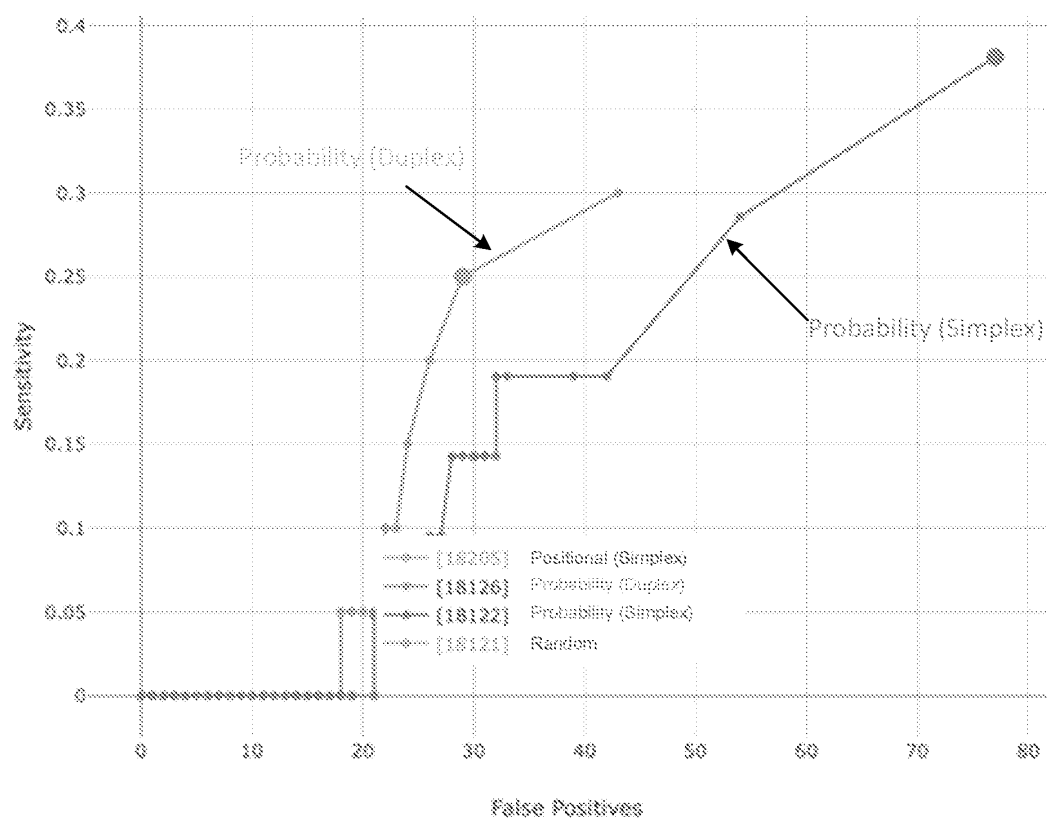
**FIG. 22**

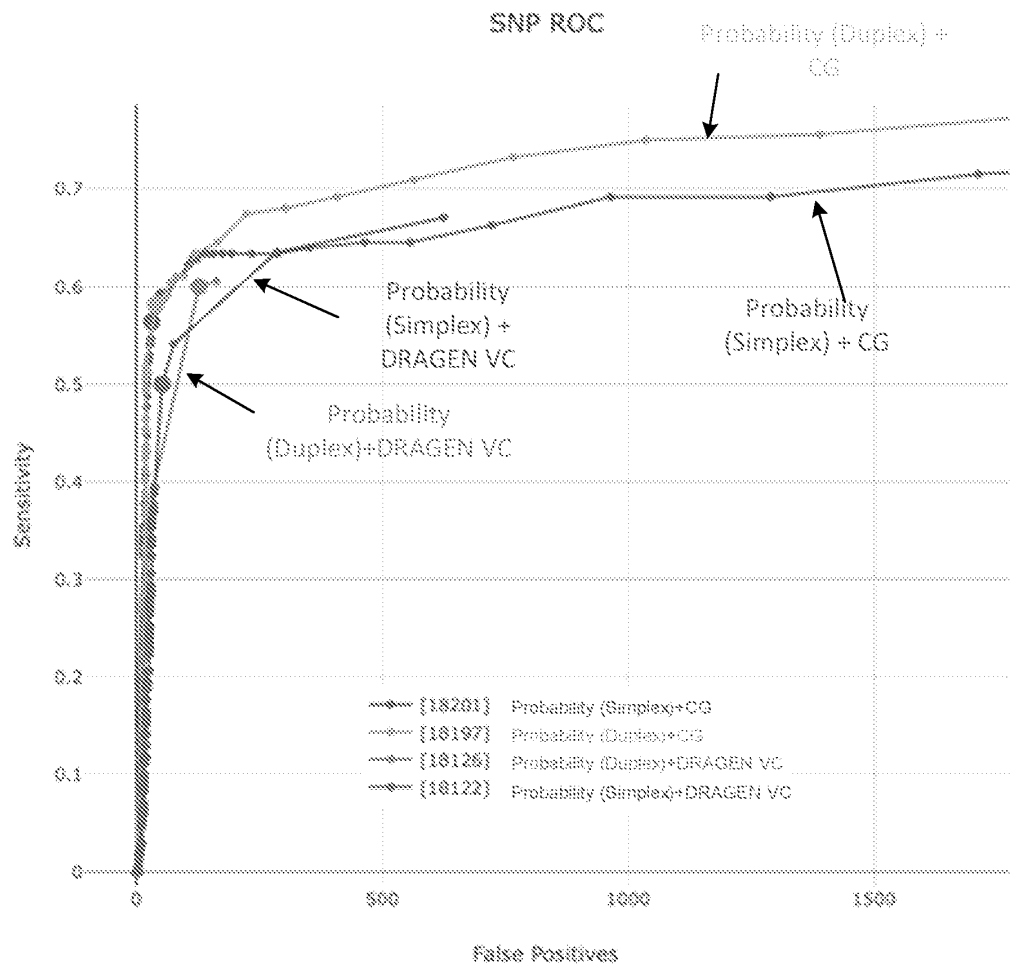


**FIG. 23**

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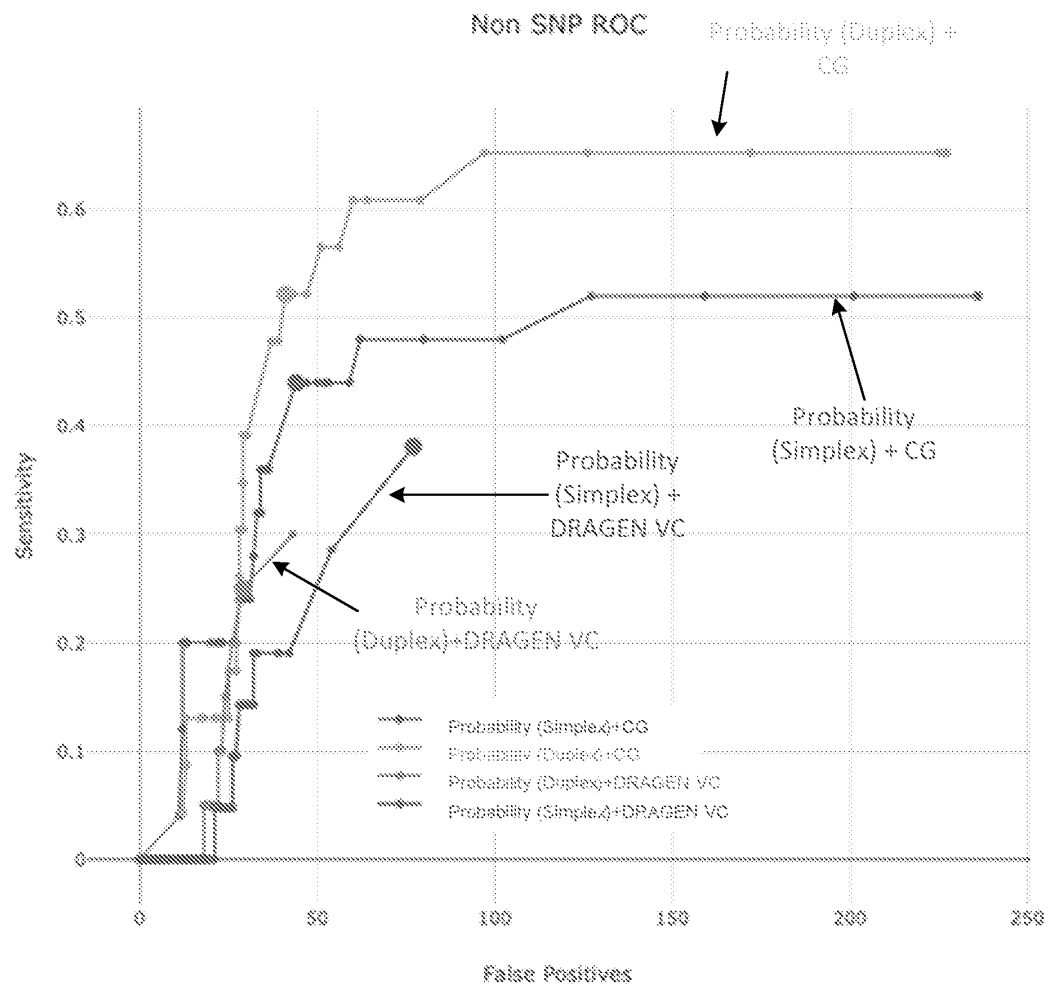
Non SNP ROC

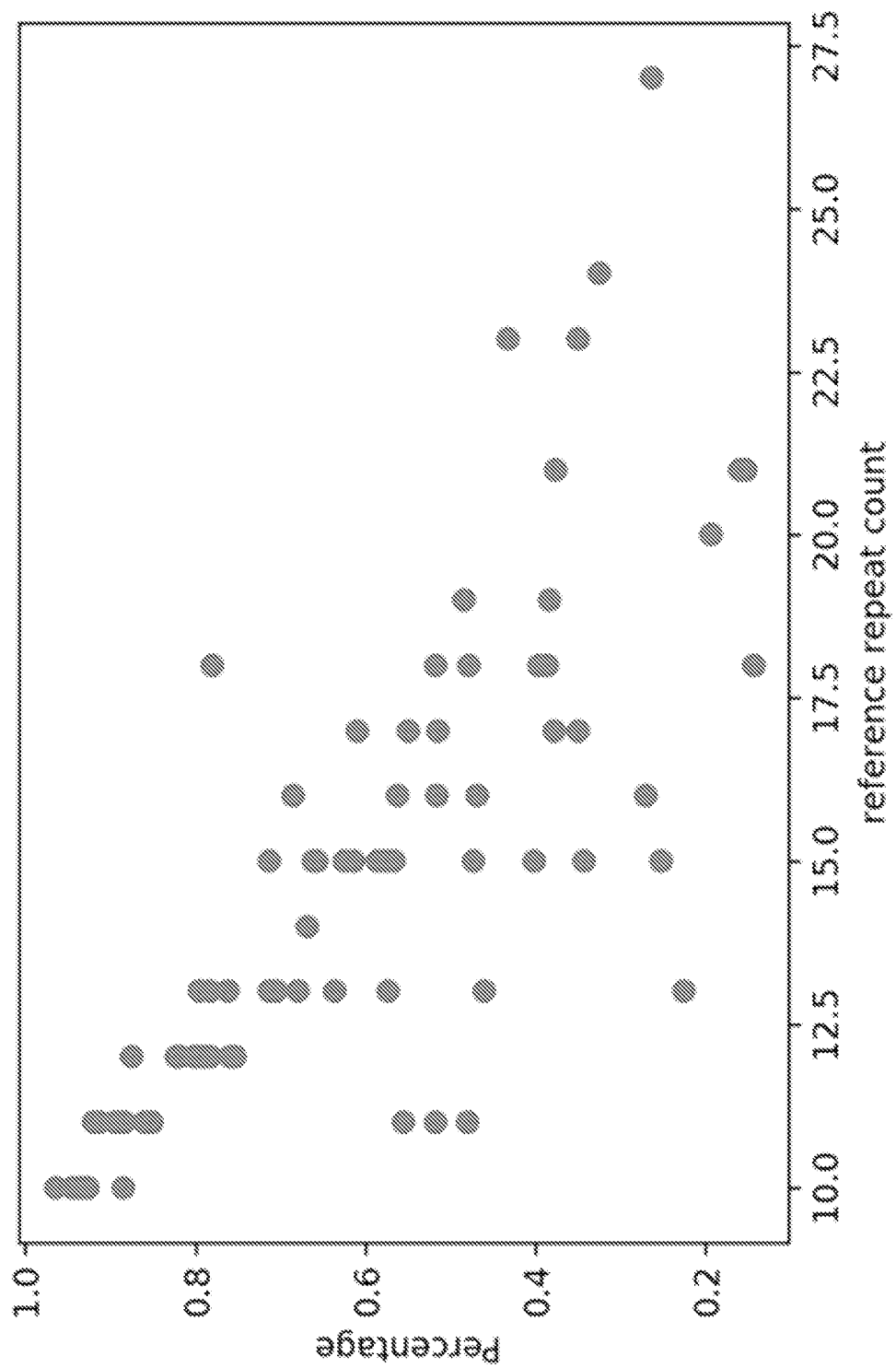
**FIG. 24**



**FIG. 25**

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**FIG. 26**



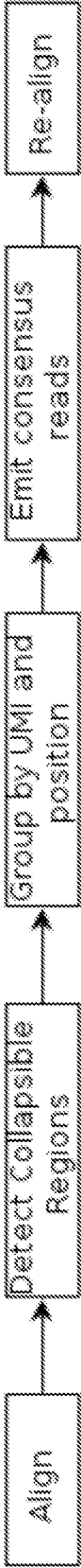


FIG. 28

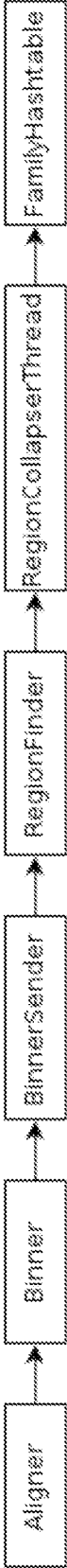


FIG. 29

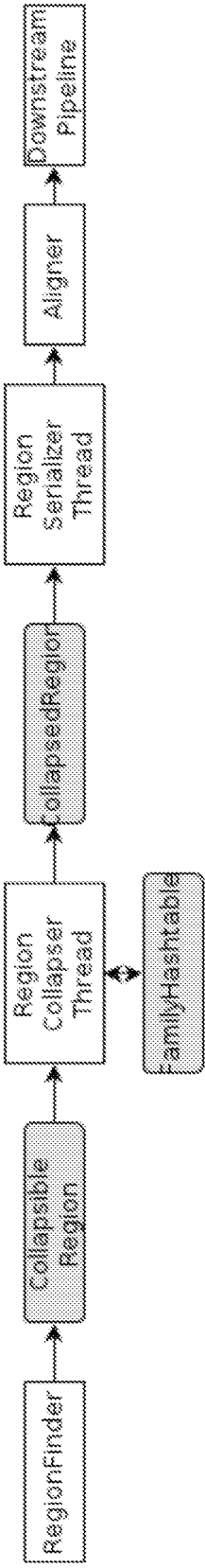


FIG. 30

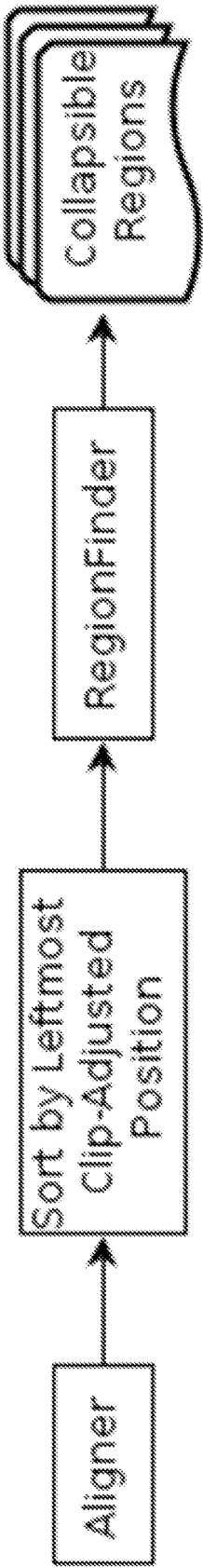
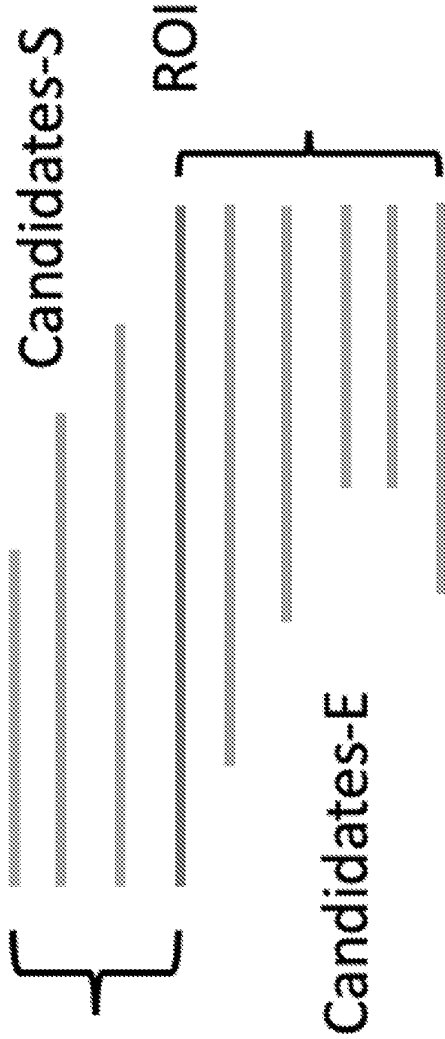


FIG. 31



Candidate Number = 6

FIG. 32

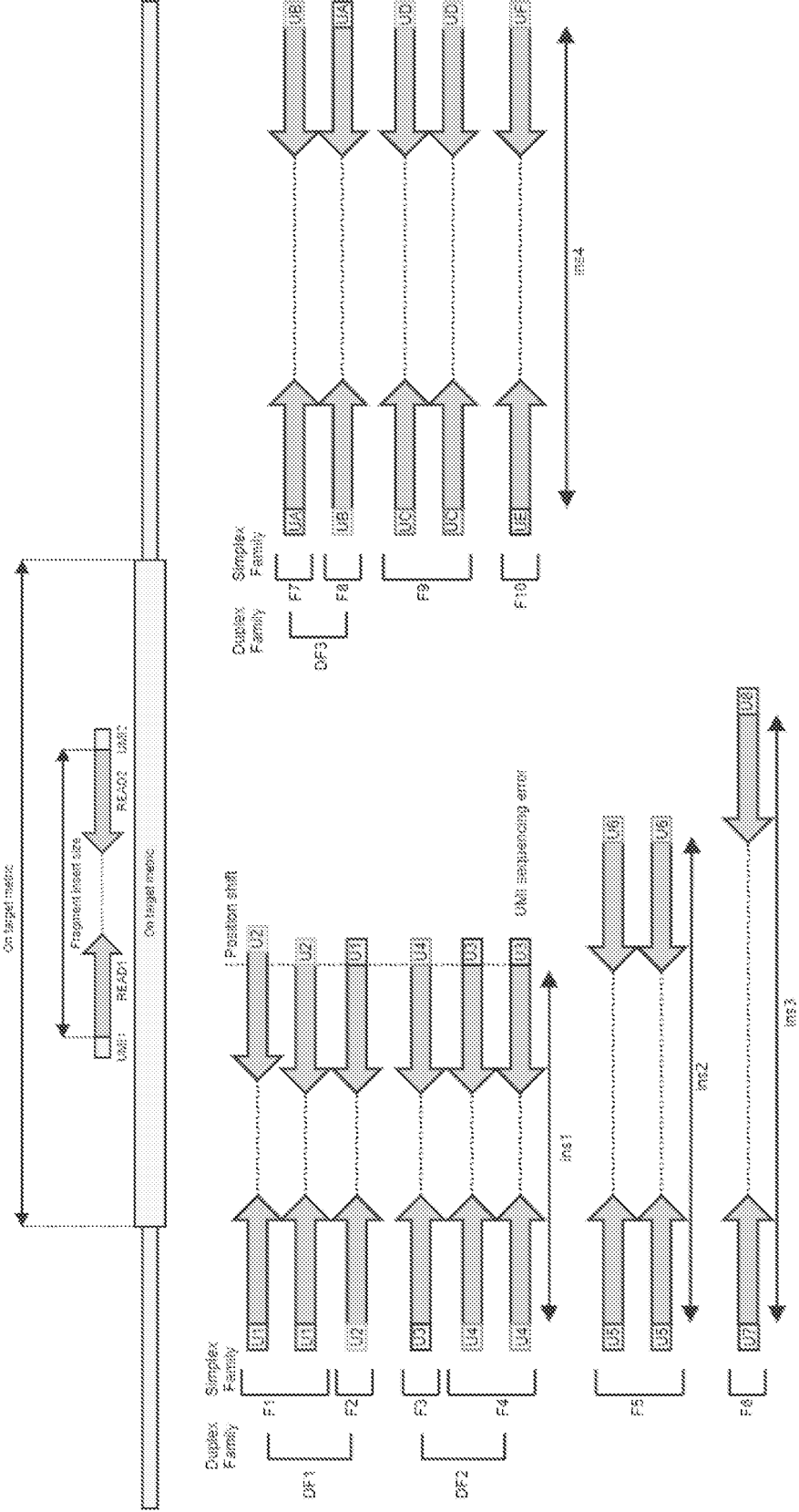
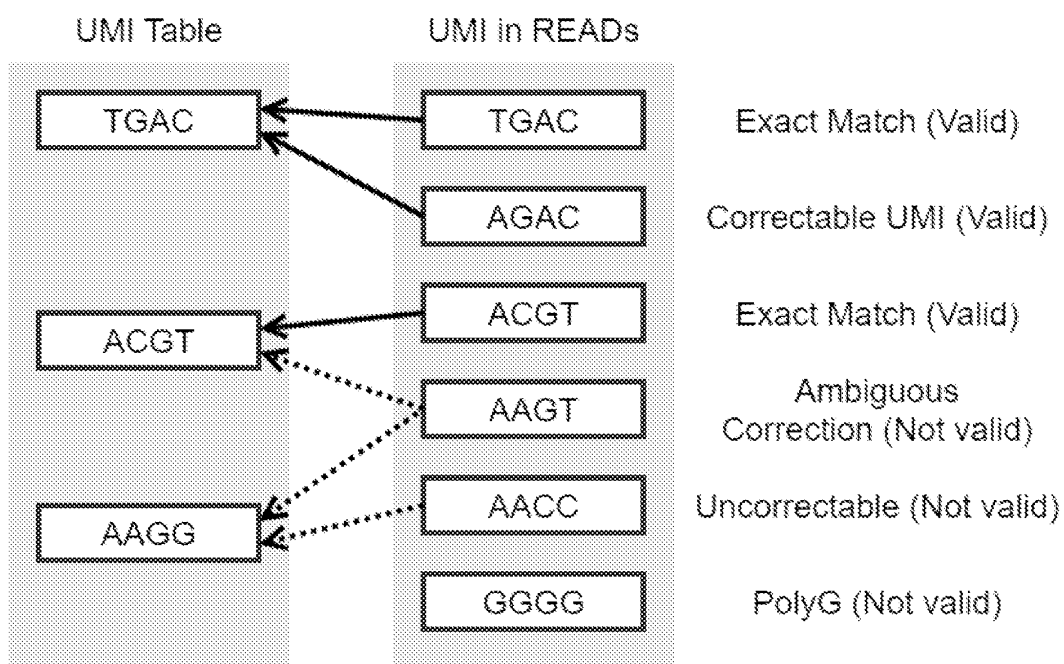


FIG. 33

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**FIG. 34**

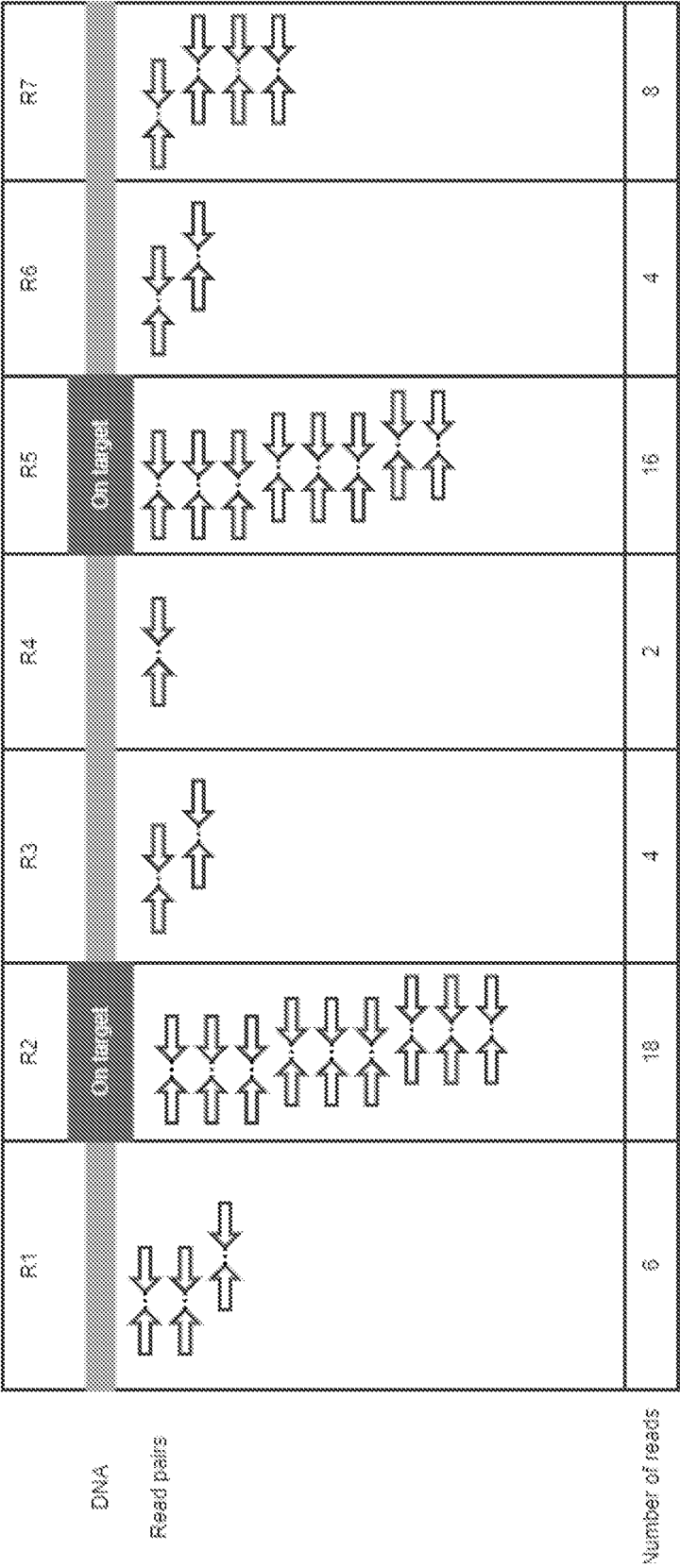
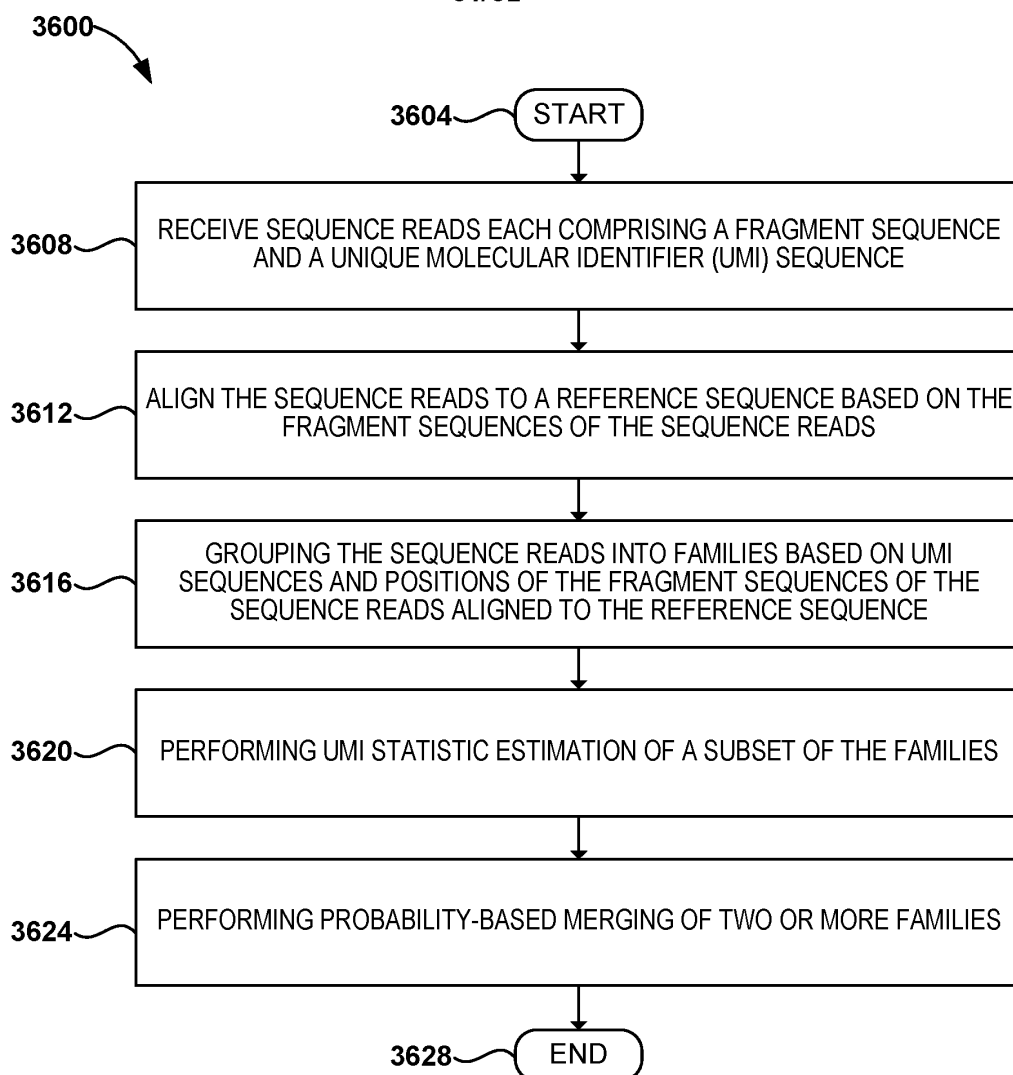


FIG. 35

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**FIG. 36**

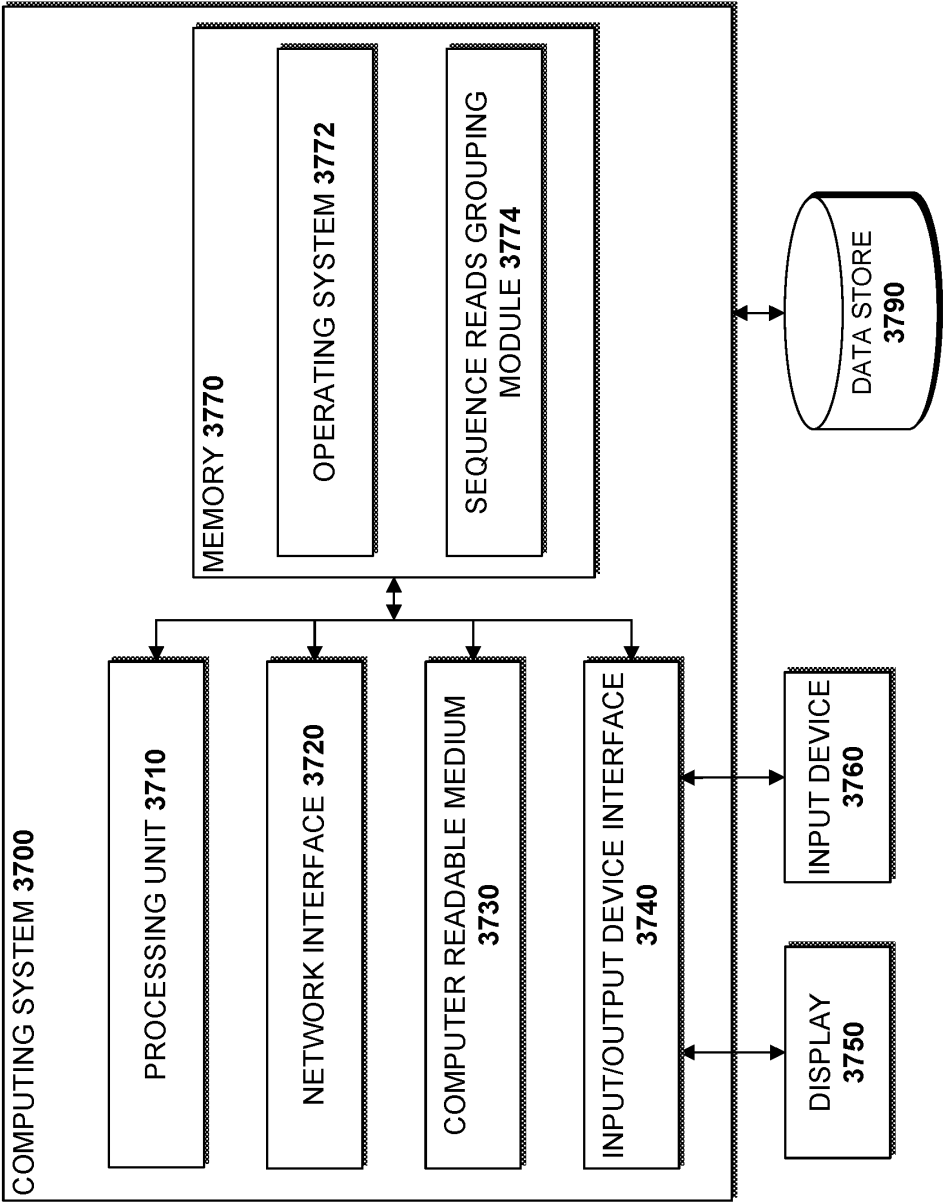


FIG. 37