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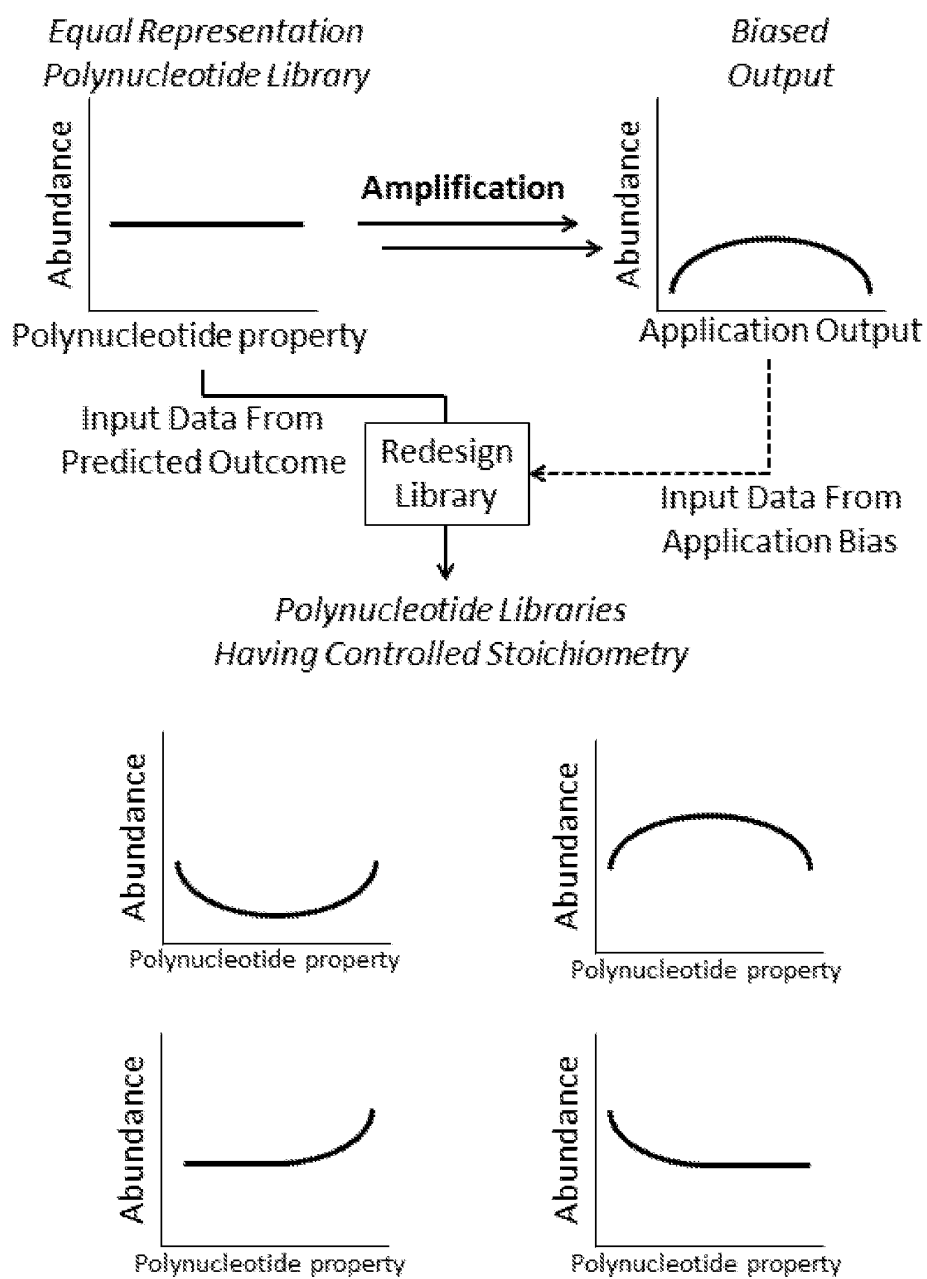


FIG. 1A

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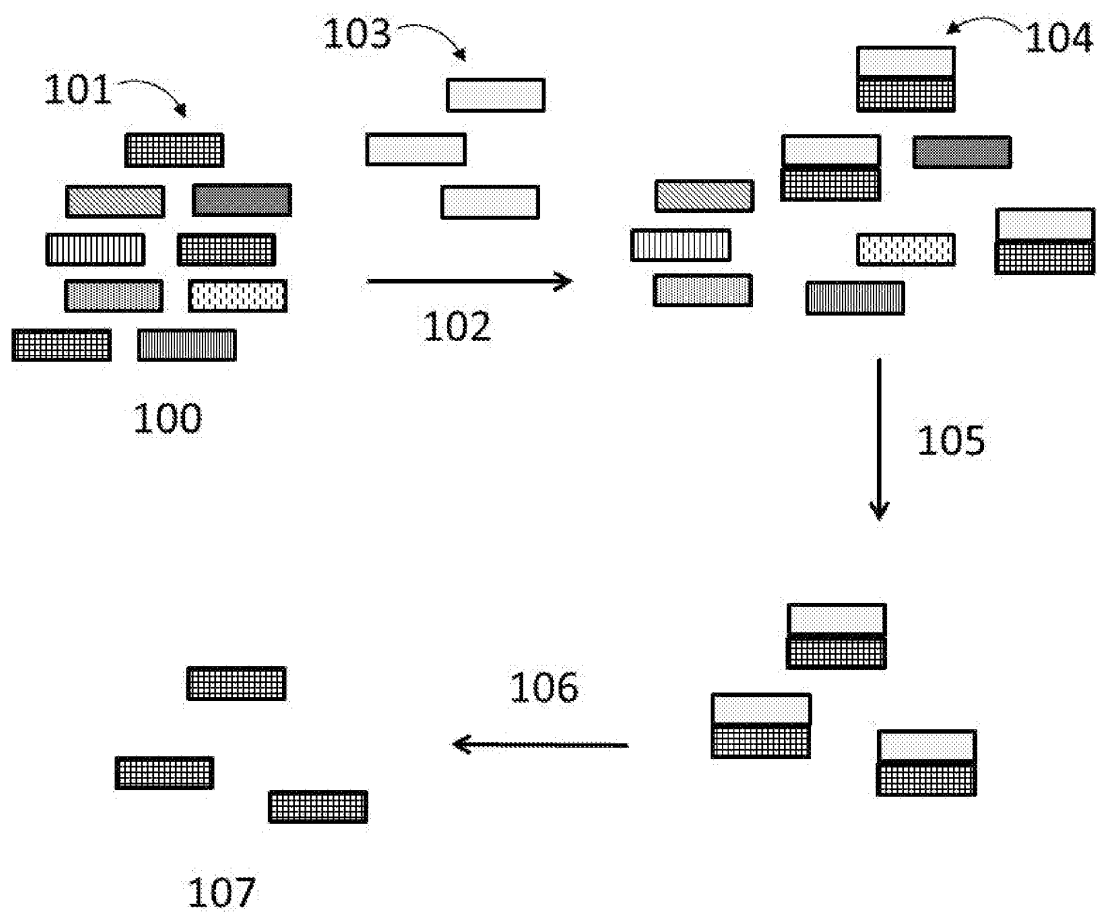


FIG. 1B

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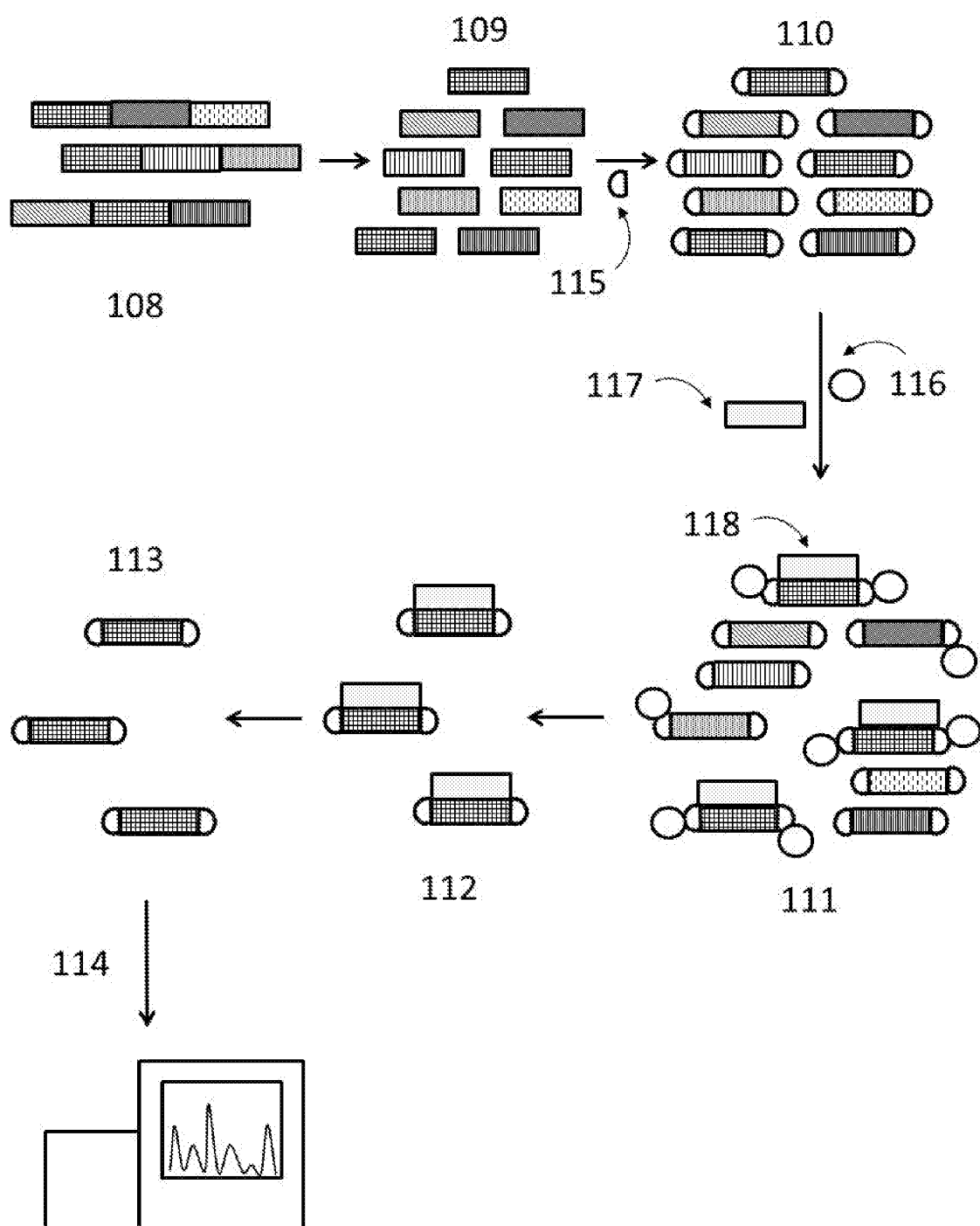


FIG. 1C

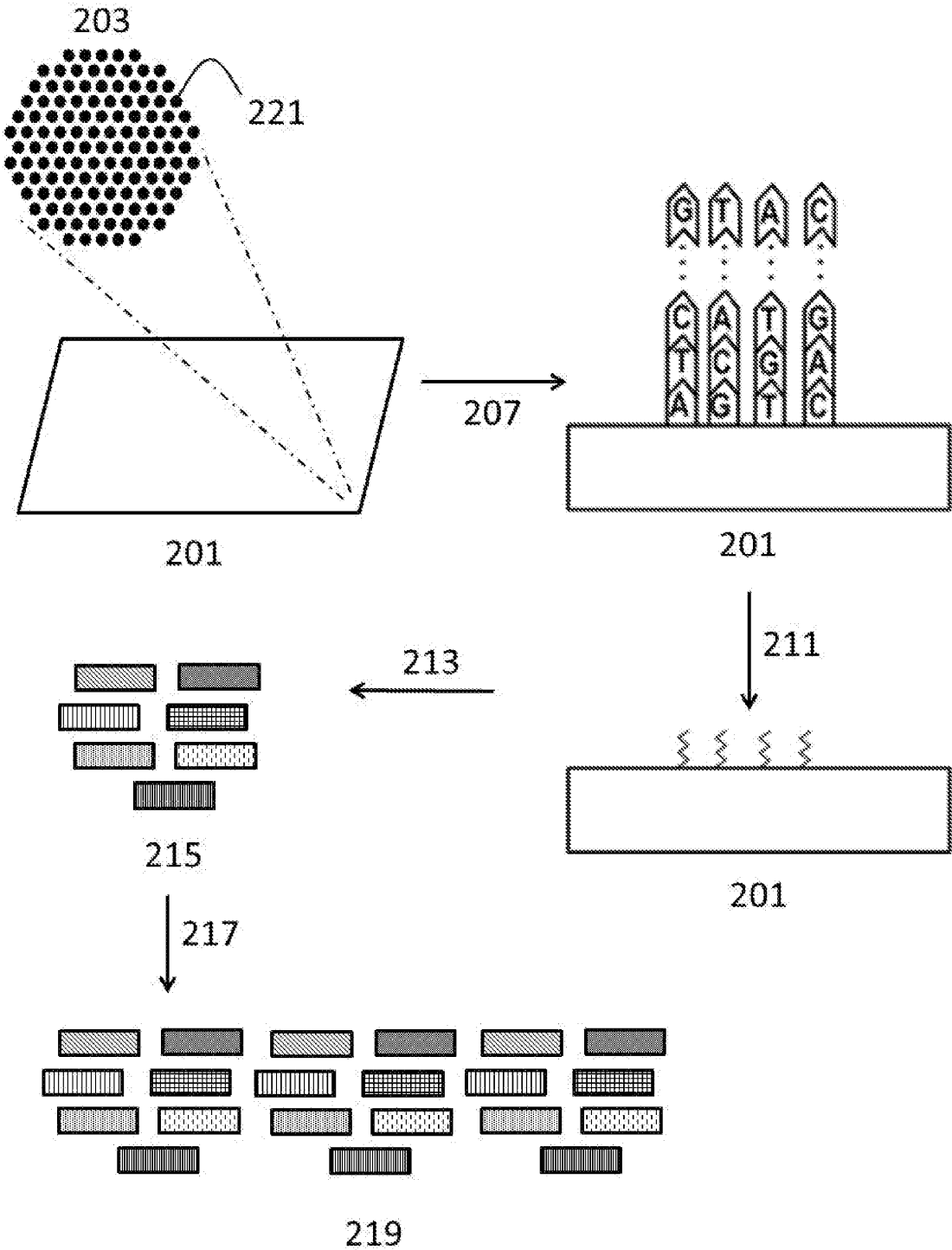


FIG. 2

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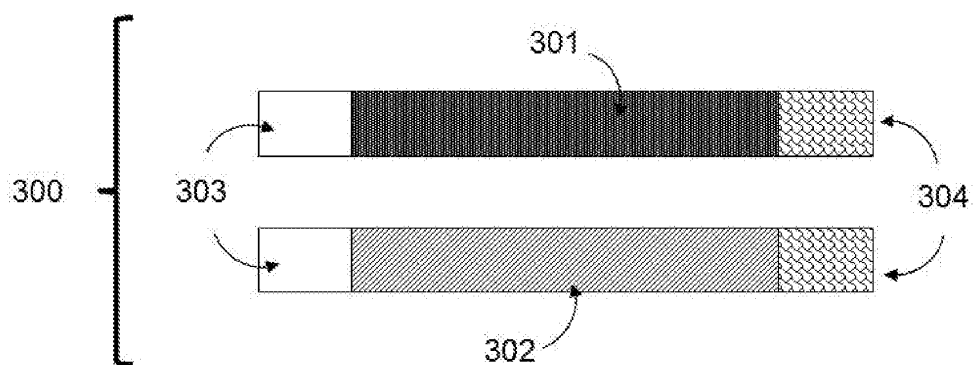


FIG. 3A

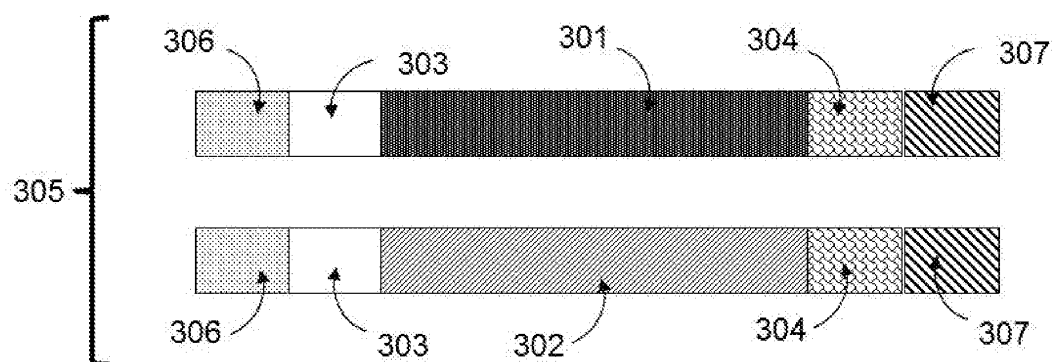
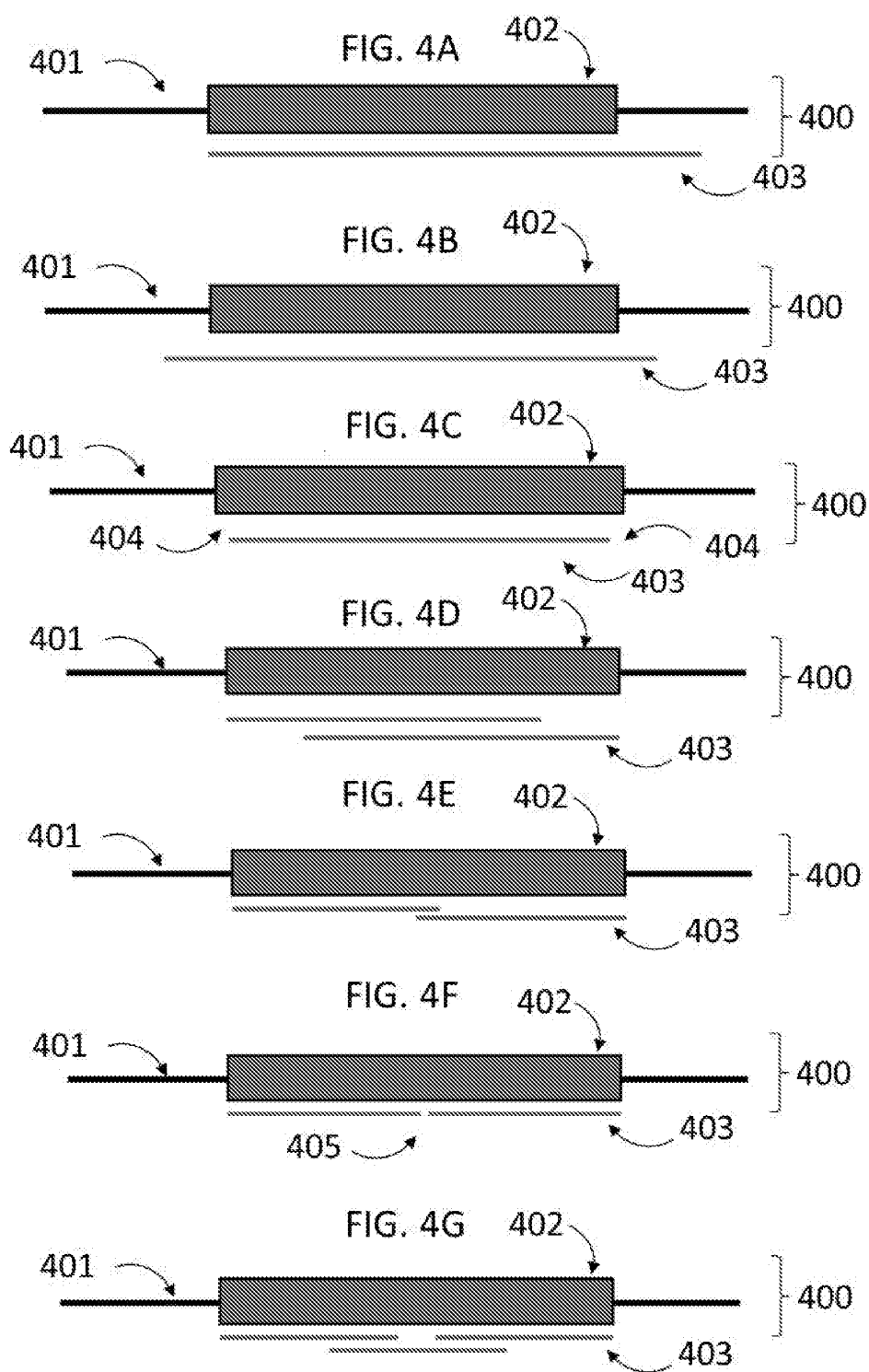


FIG. 3B

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FIGS. 4A-4G

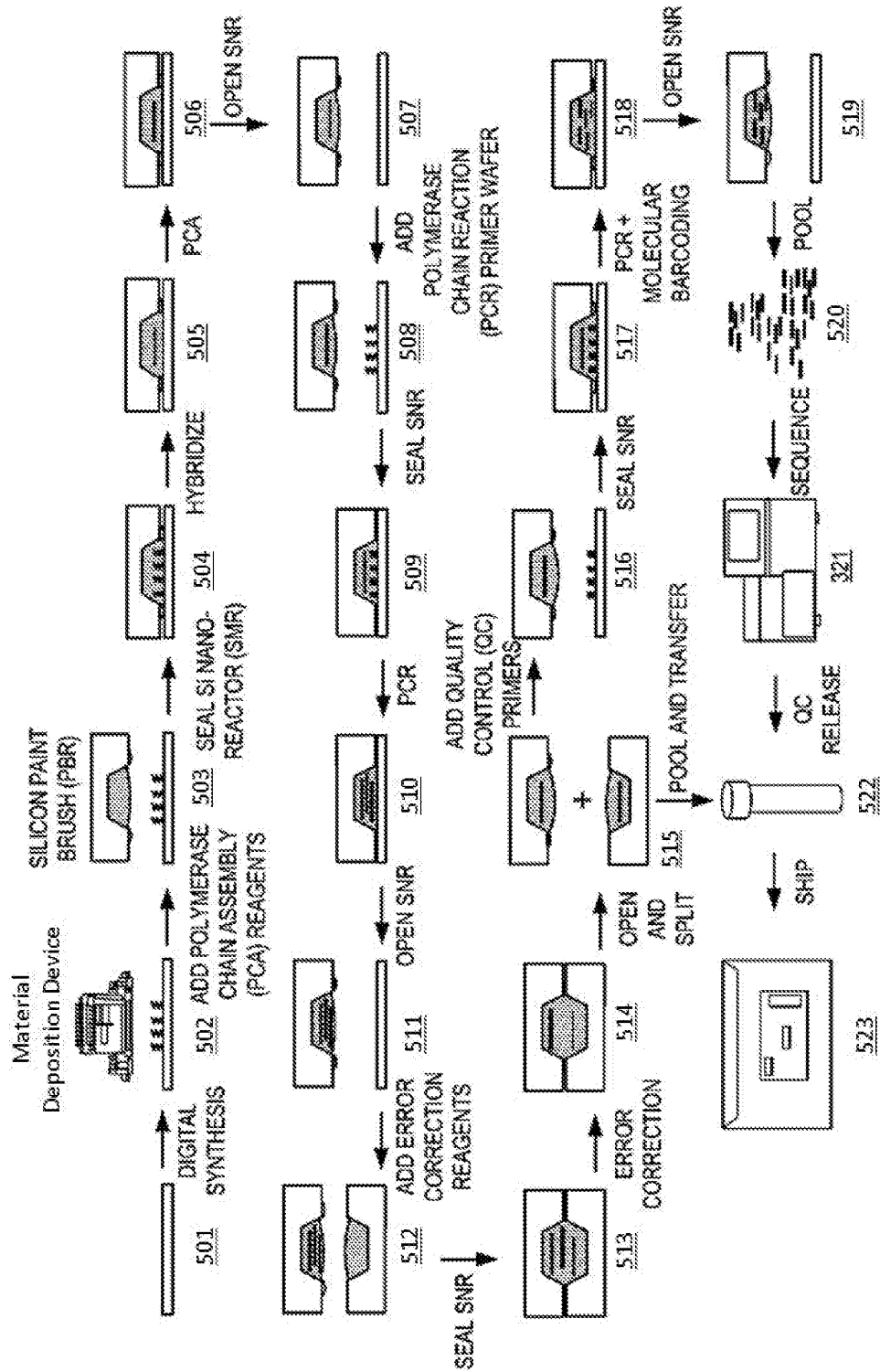


FIG. 5

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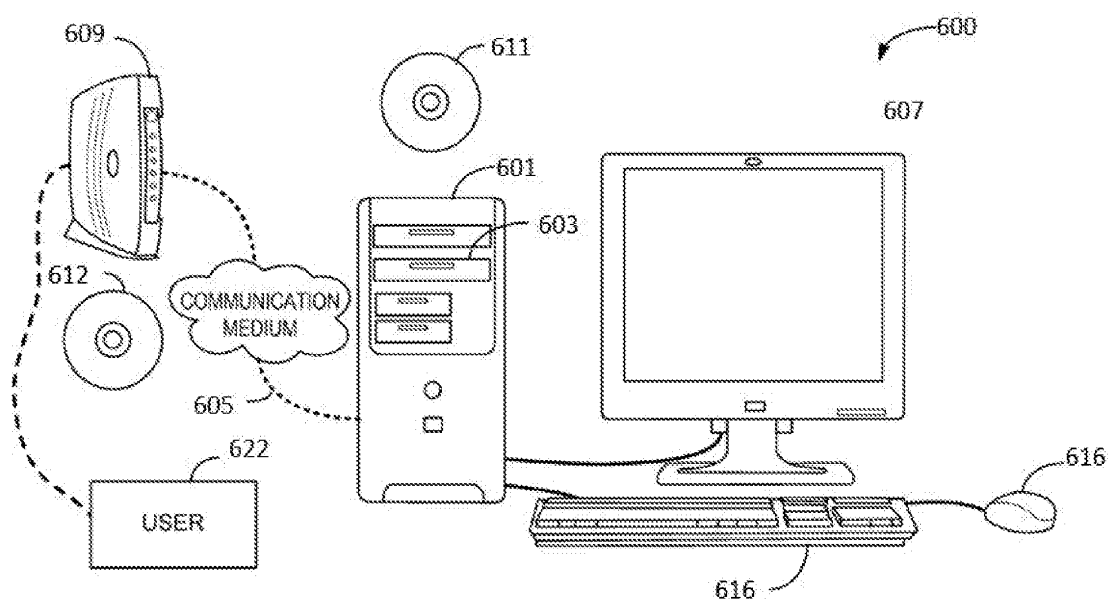


FIG. 6

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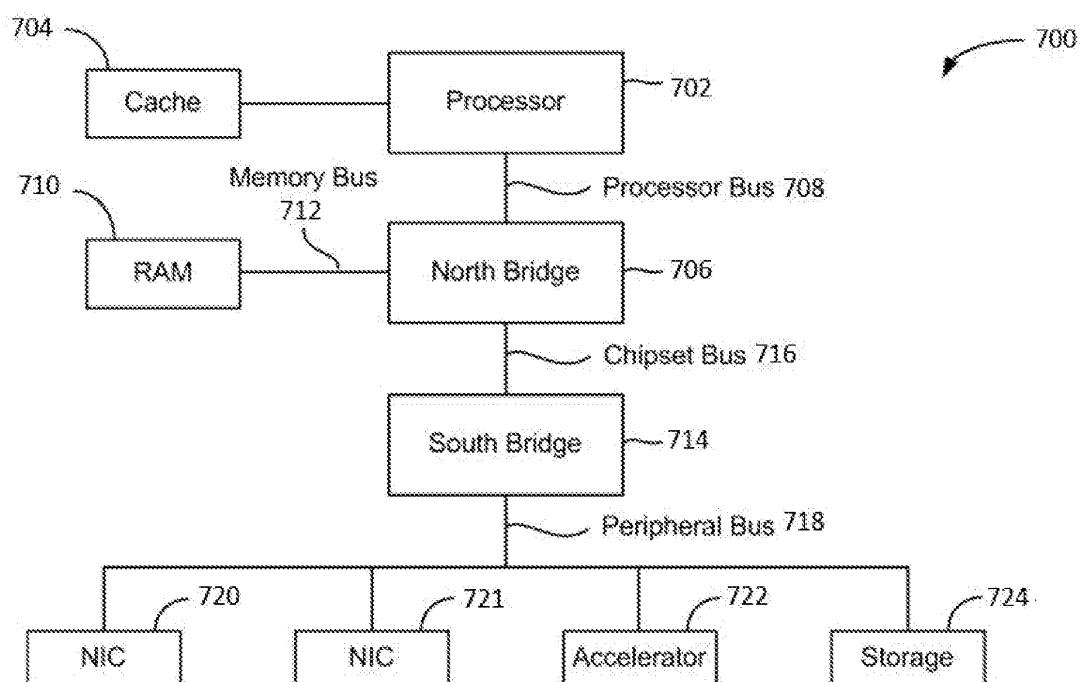


FIG. 7

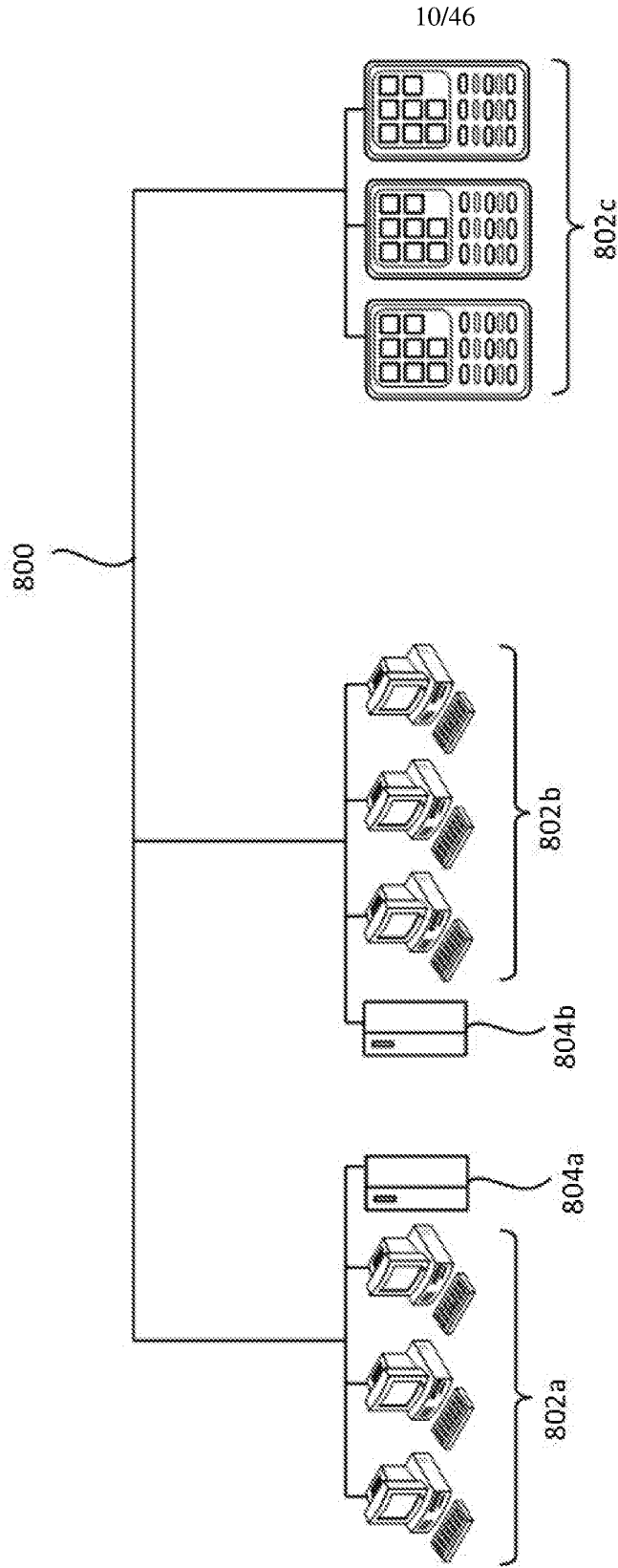


FIG. 8

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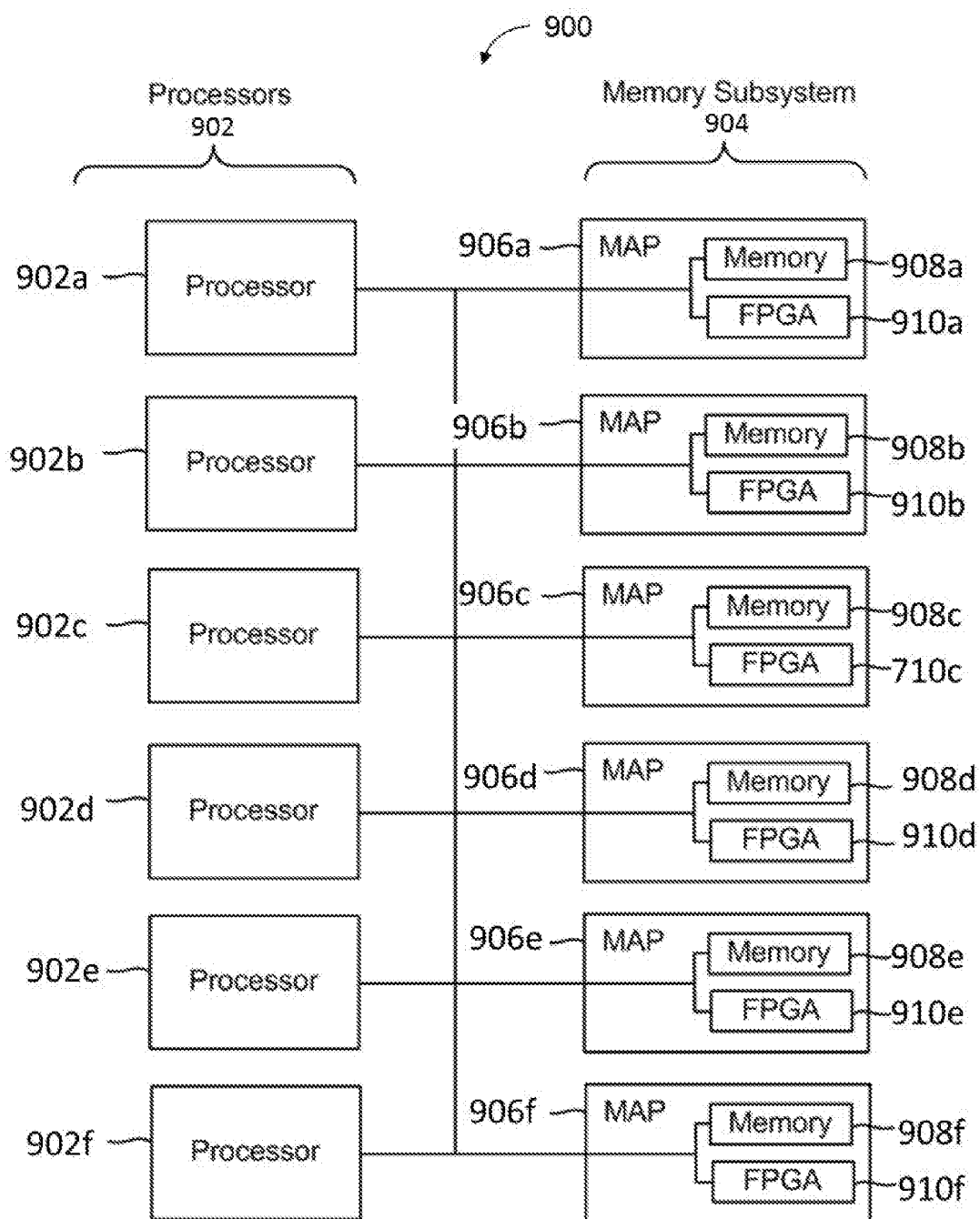


FIG. 9

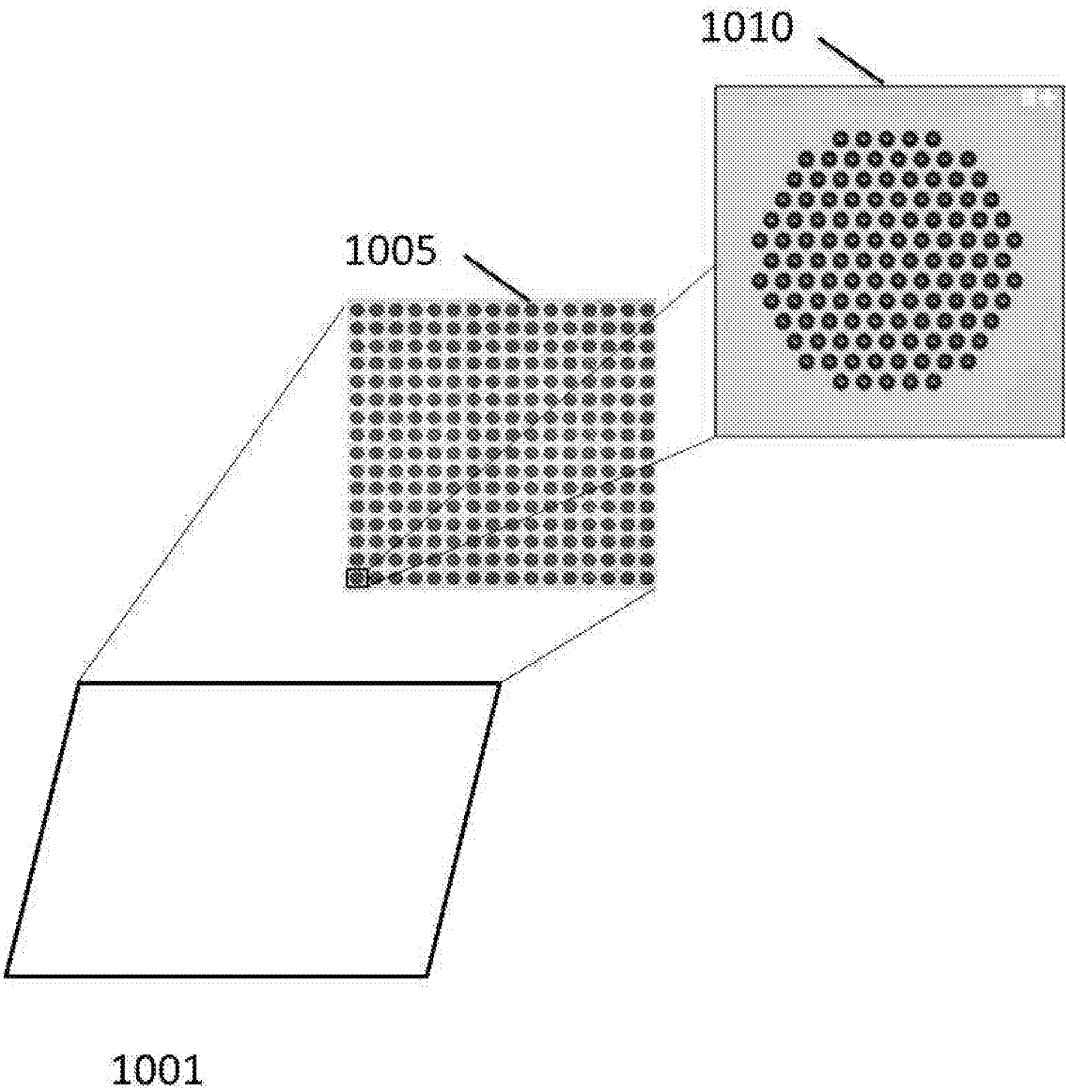


FIG. 10

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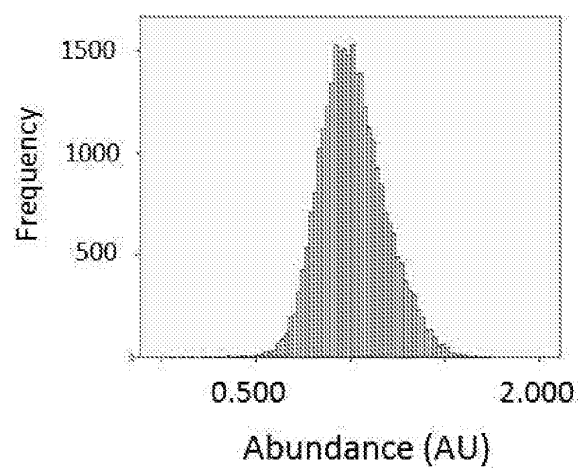


FIG. 11A

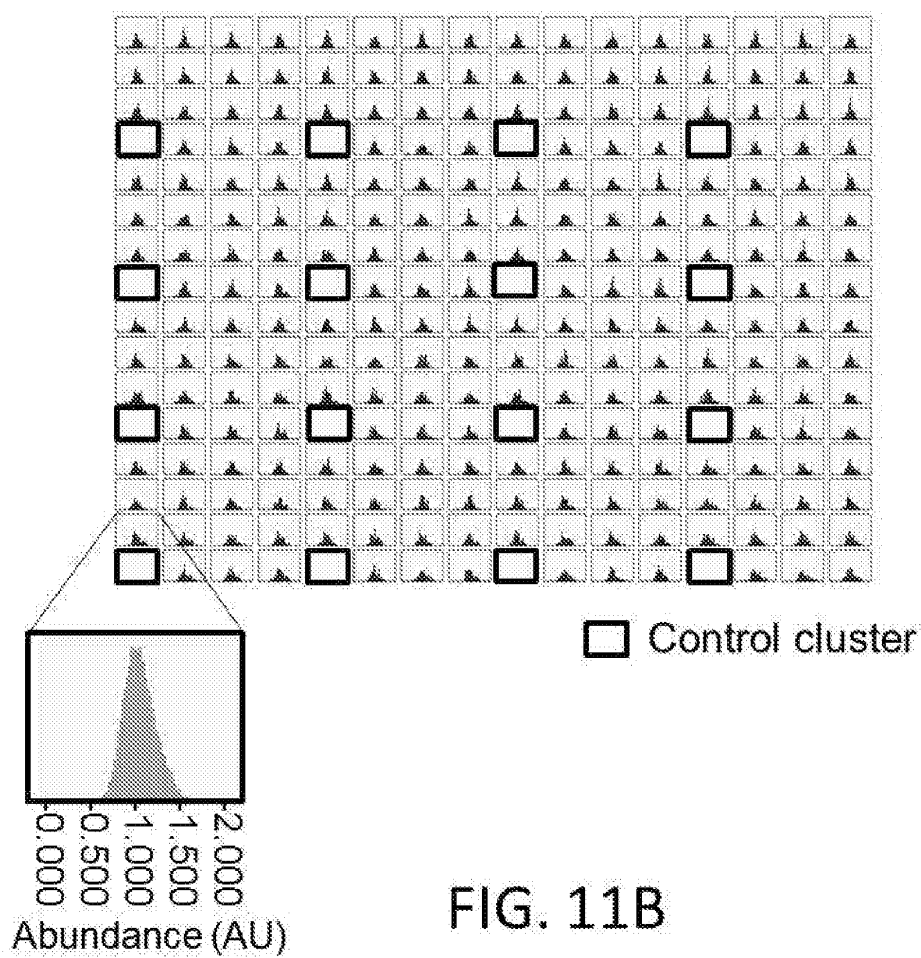


FIG. 11B

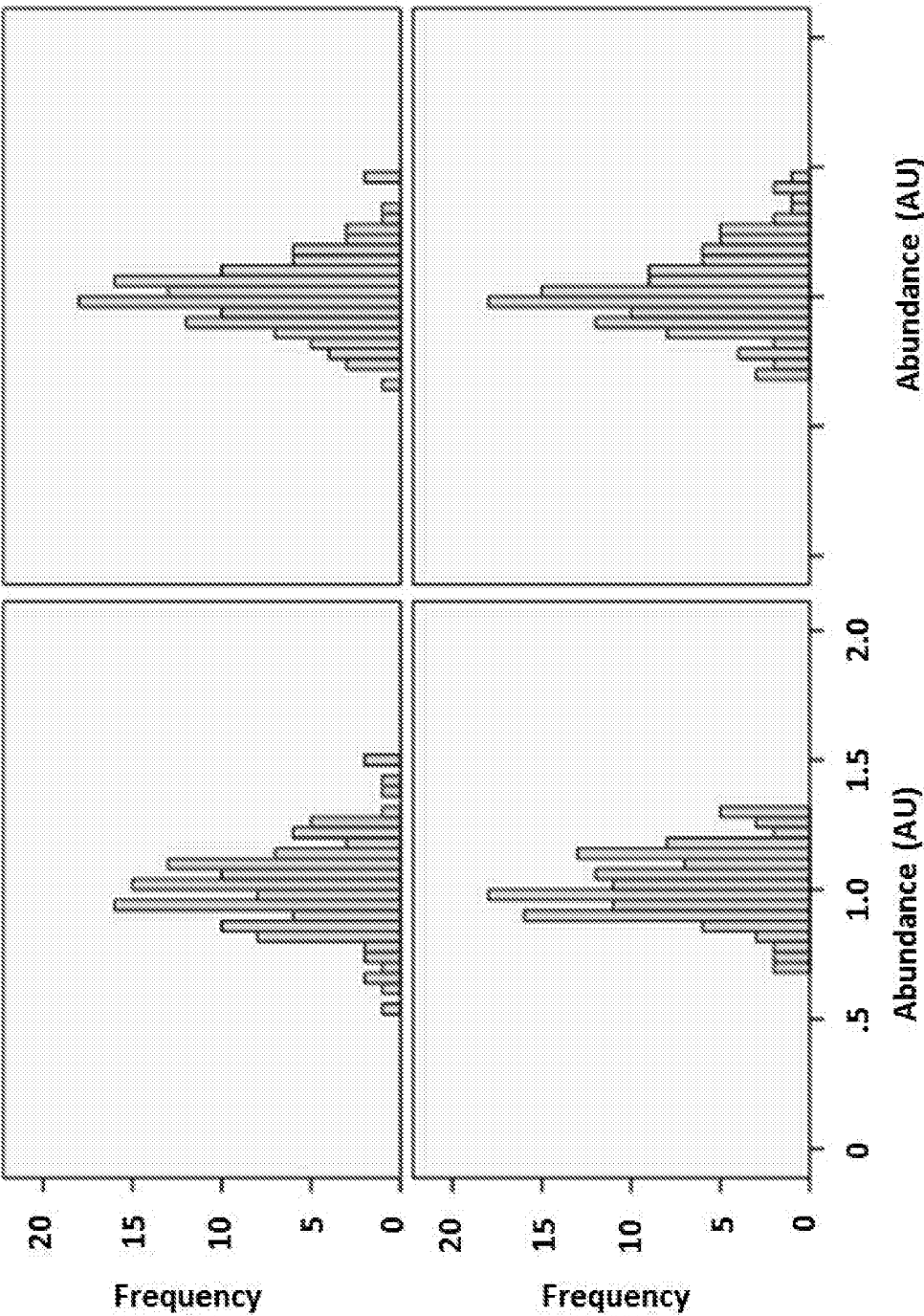


FIG. 12

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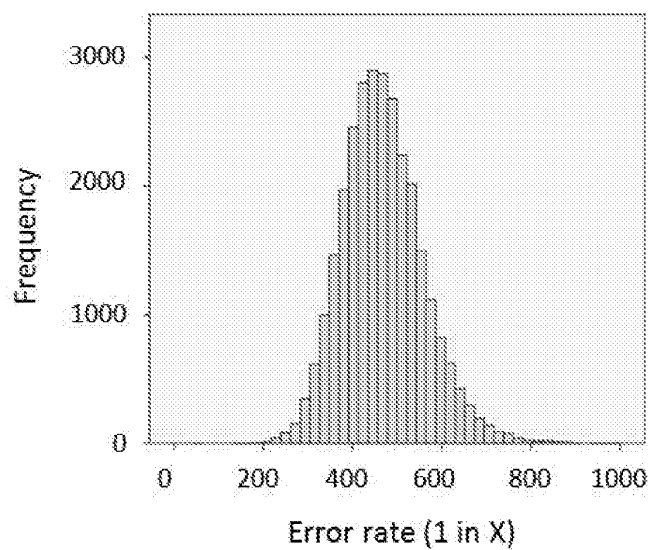
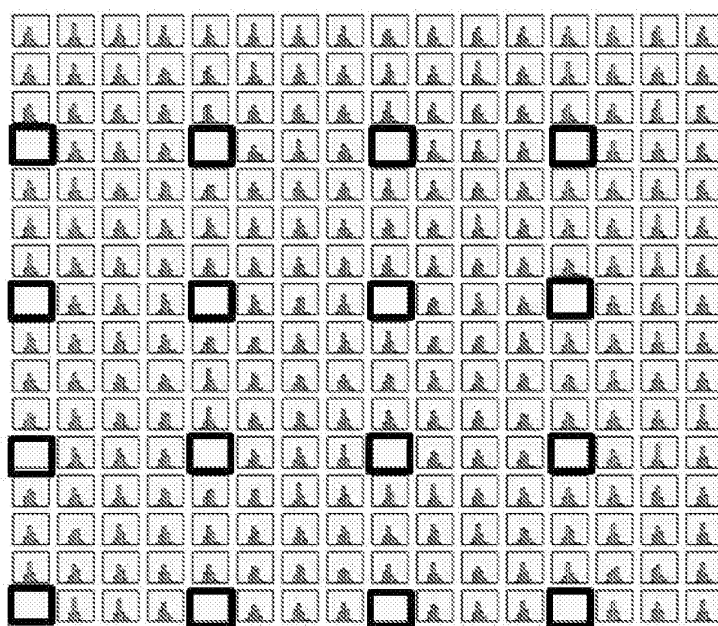


FIG. 13A



 Control cluster

FIG. 13B

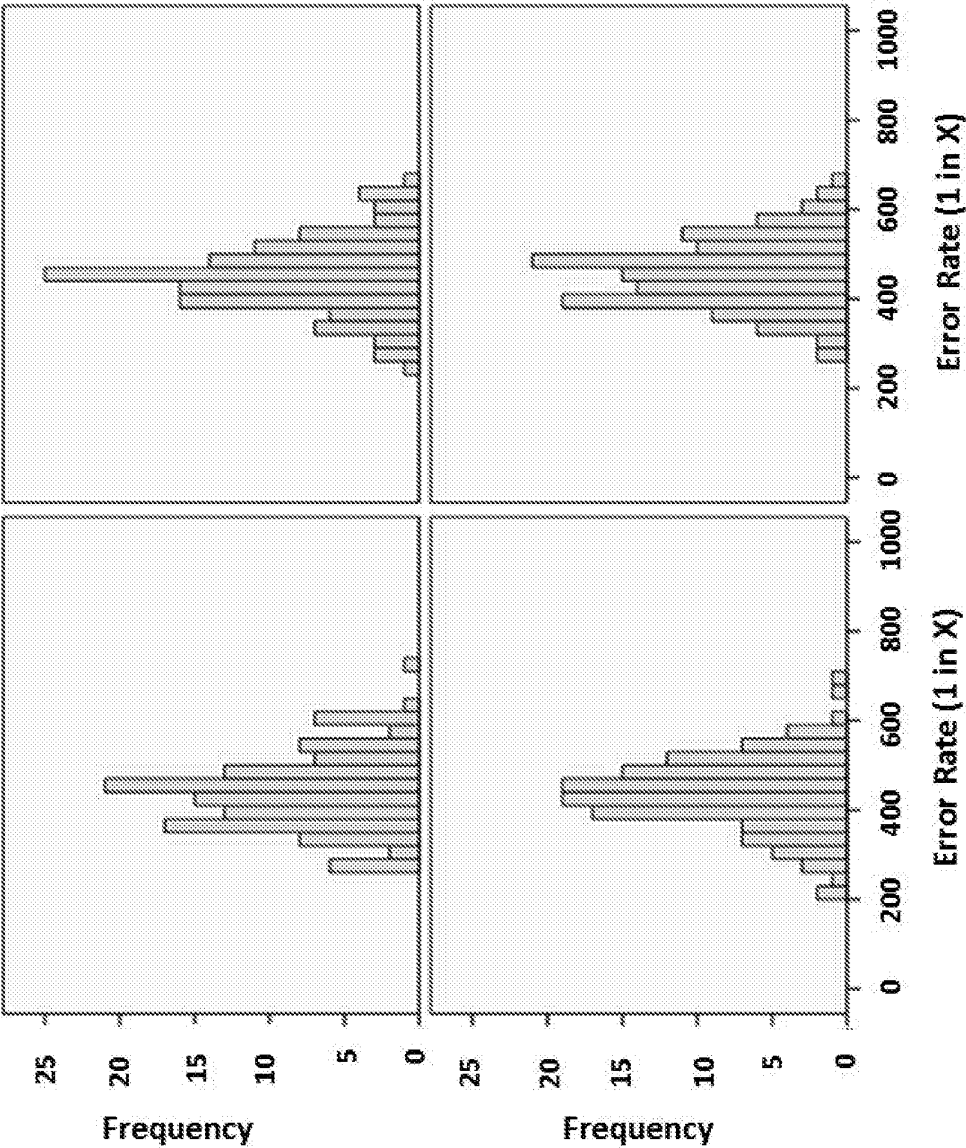


FIG. 14

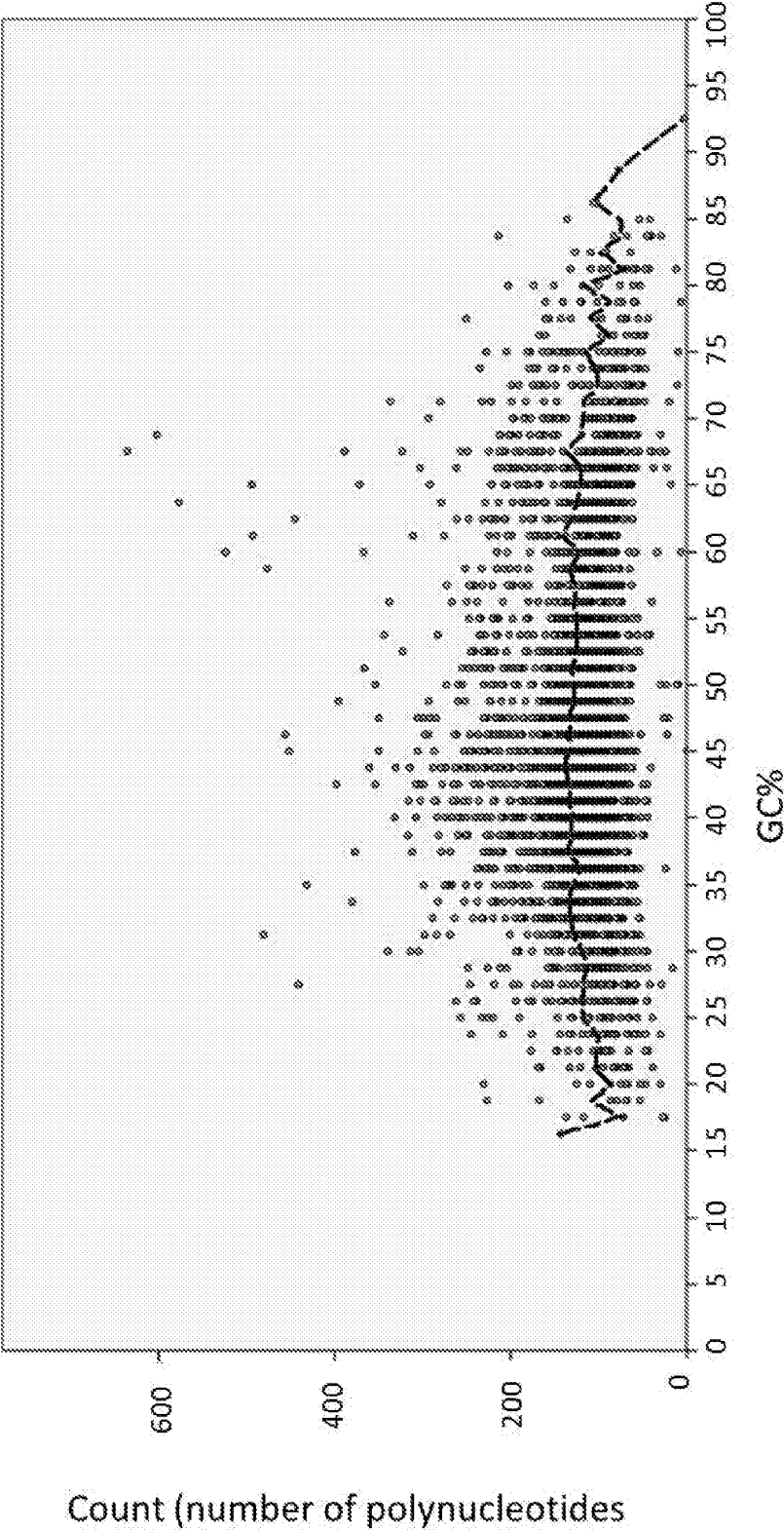


FIG. 15

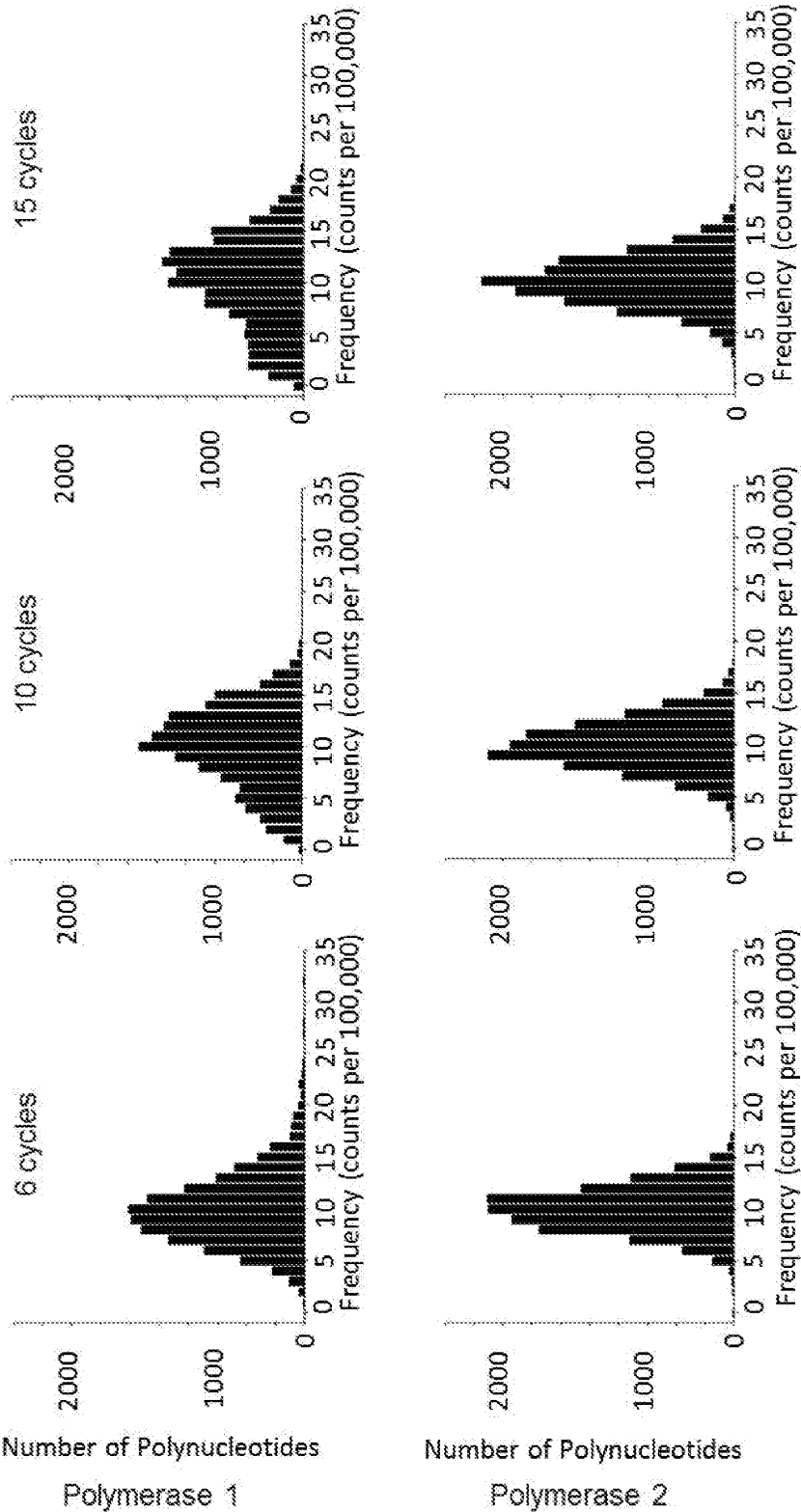
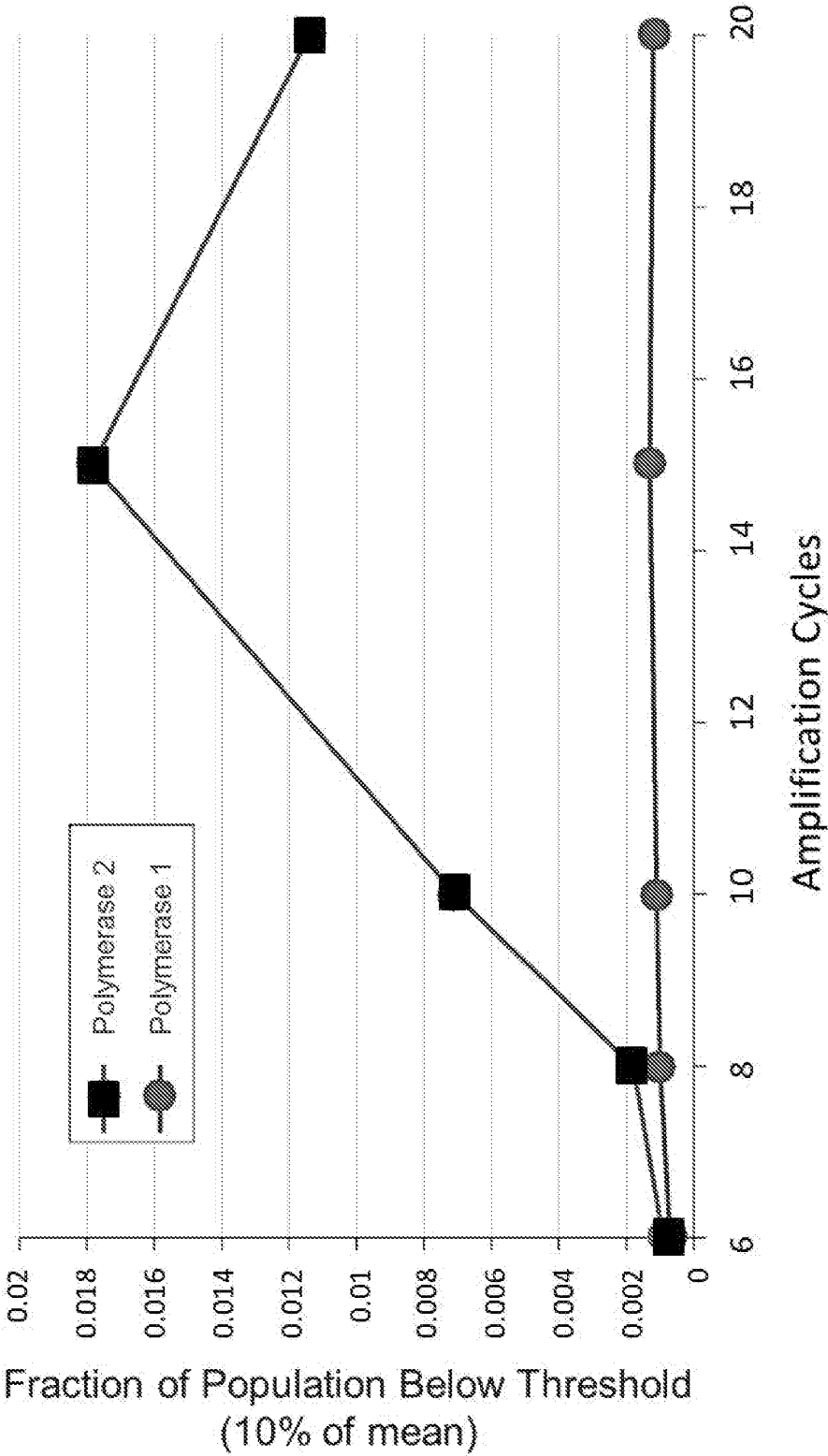


FIG. 16

FIG. 17



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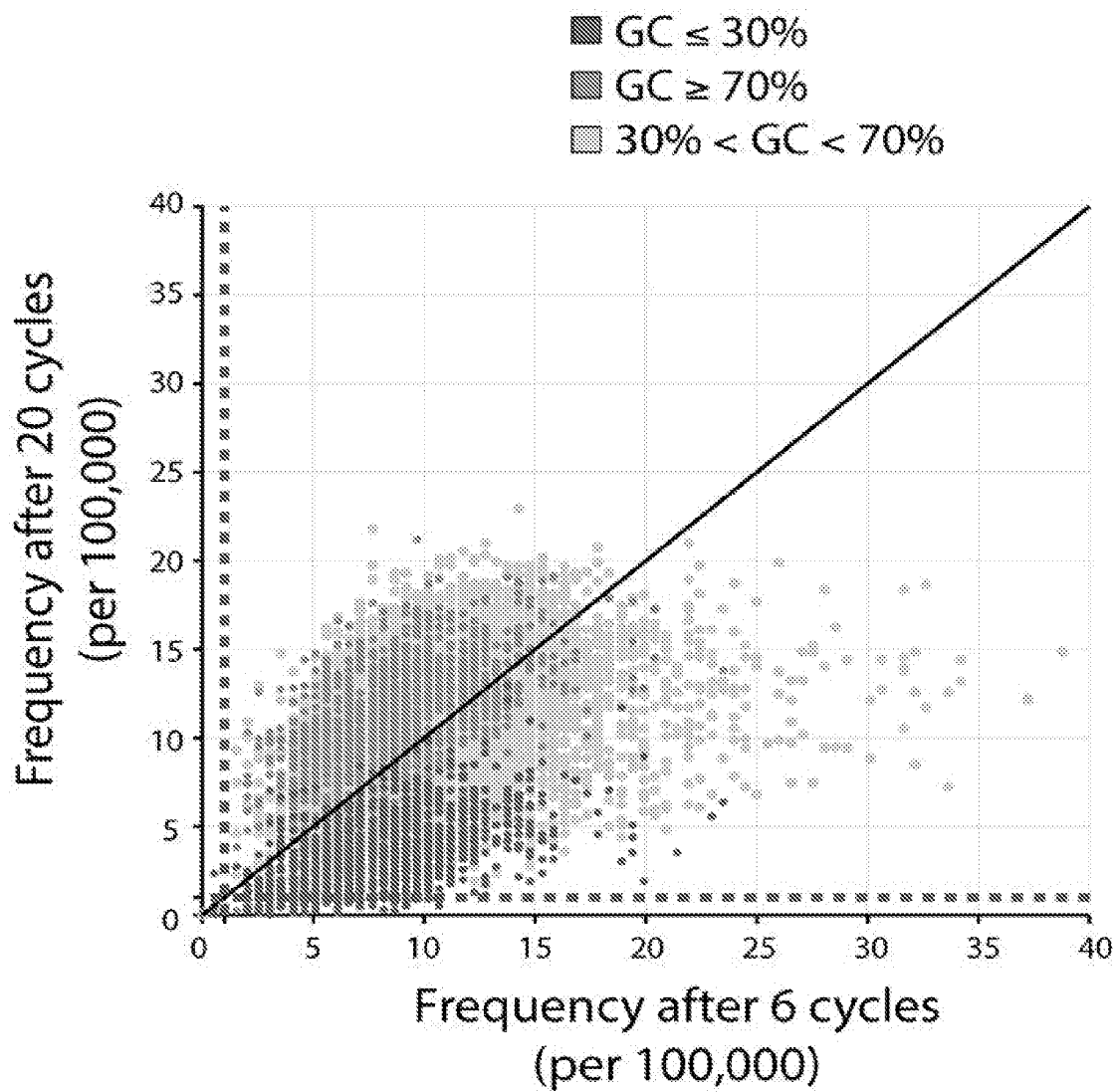


FIG. 18

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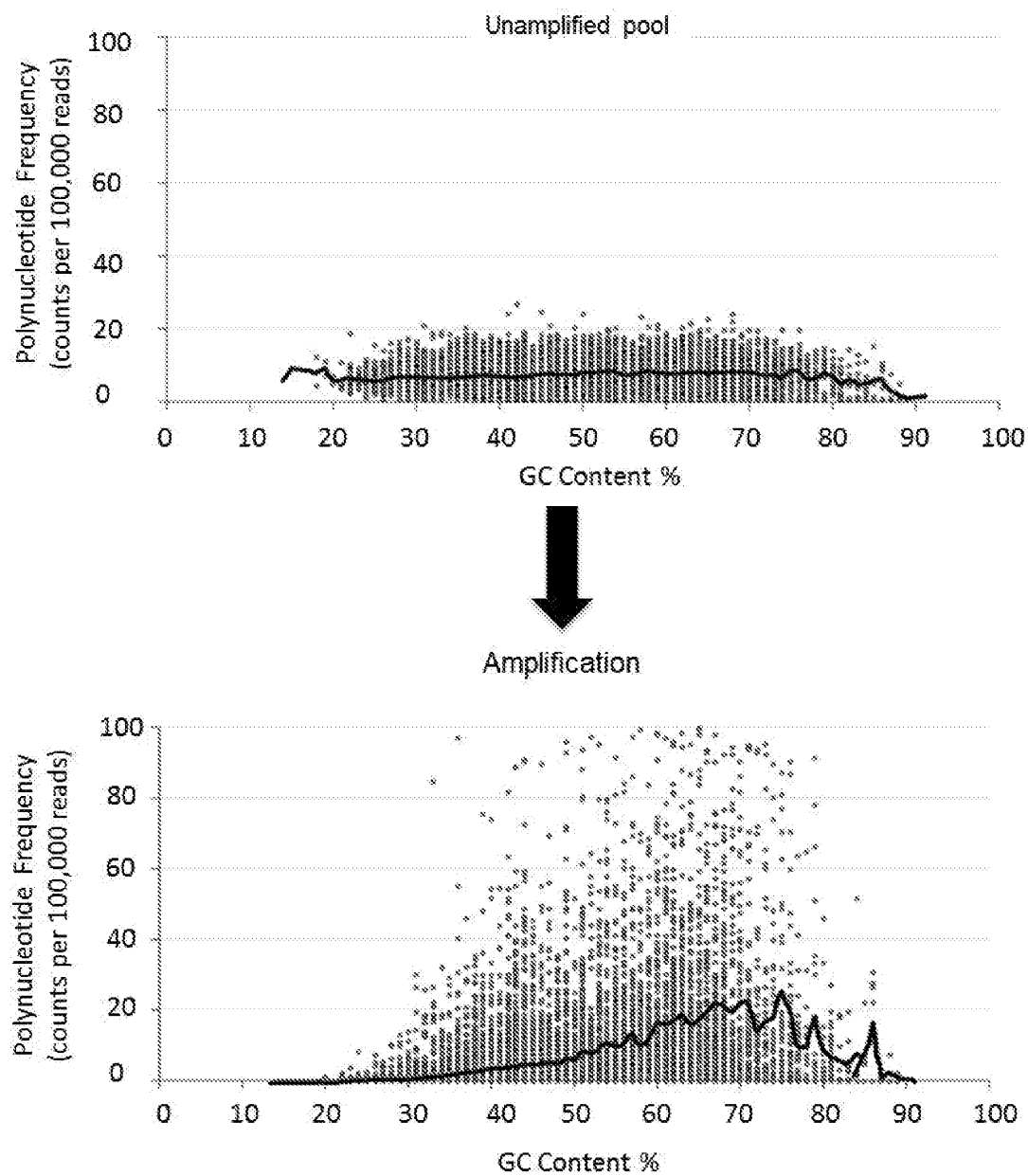


FIG. 19

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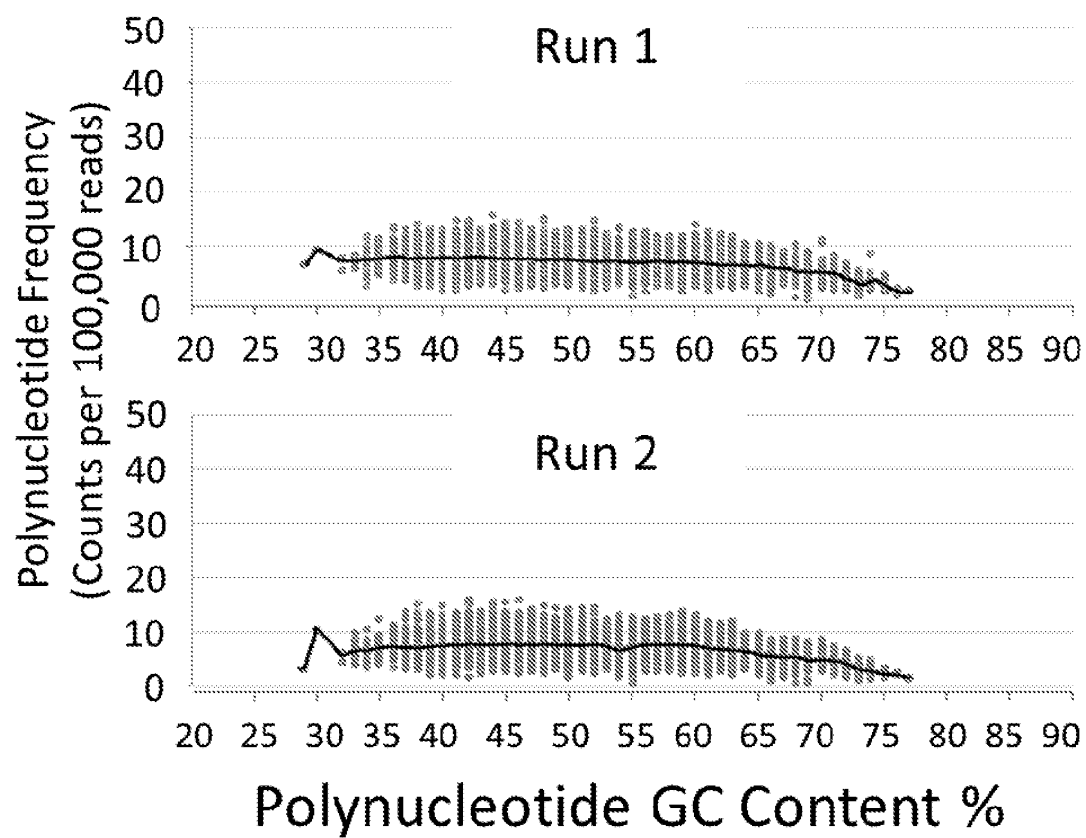


FIG. 20

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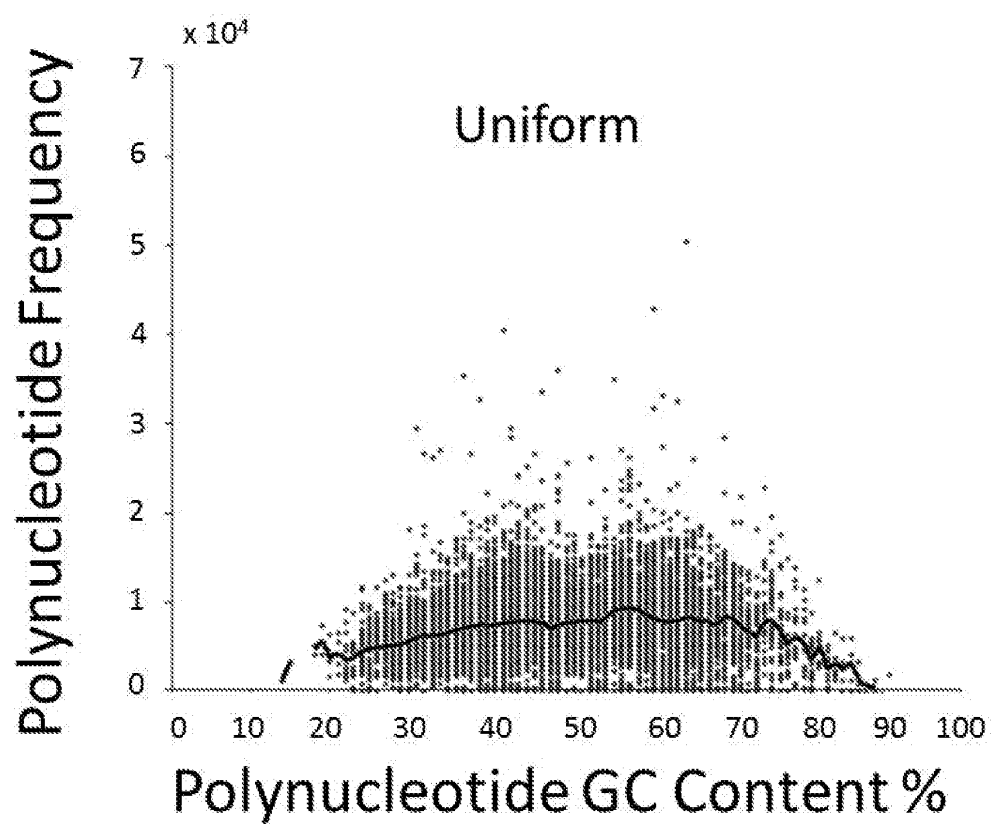


FIG. 21A

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Heavily favor high/low GC

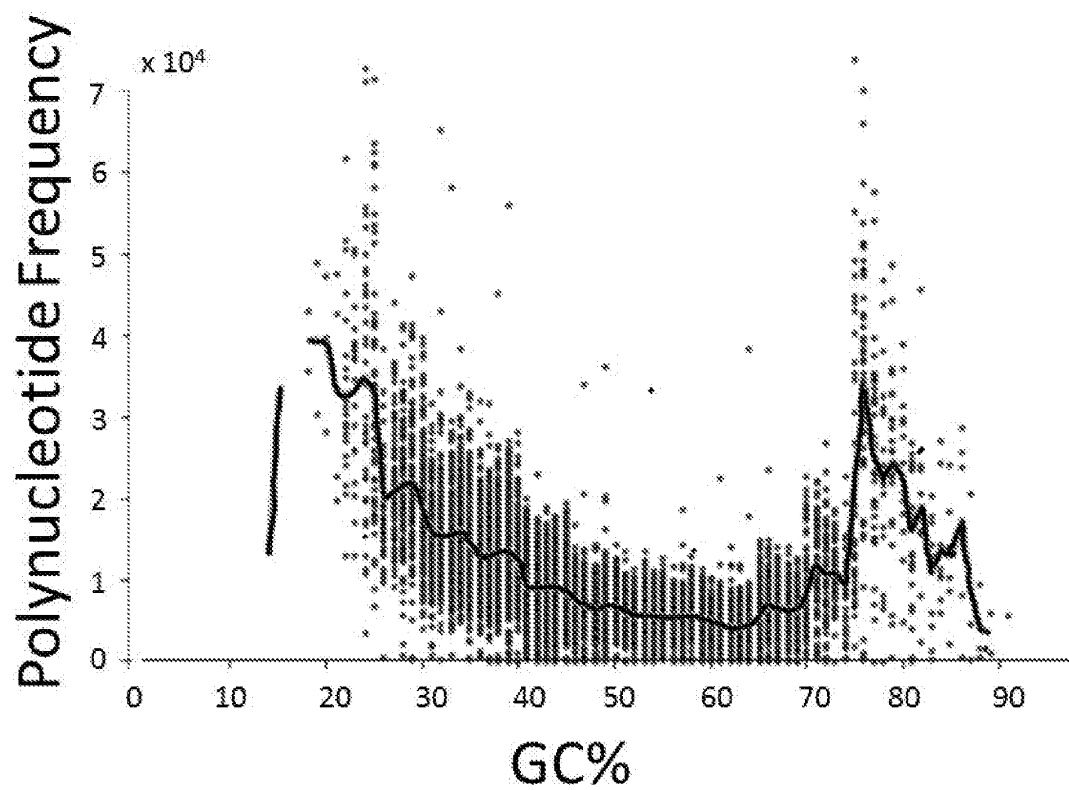


FIG. 21B

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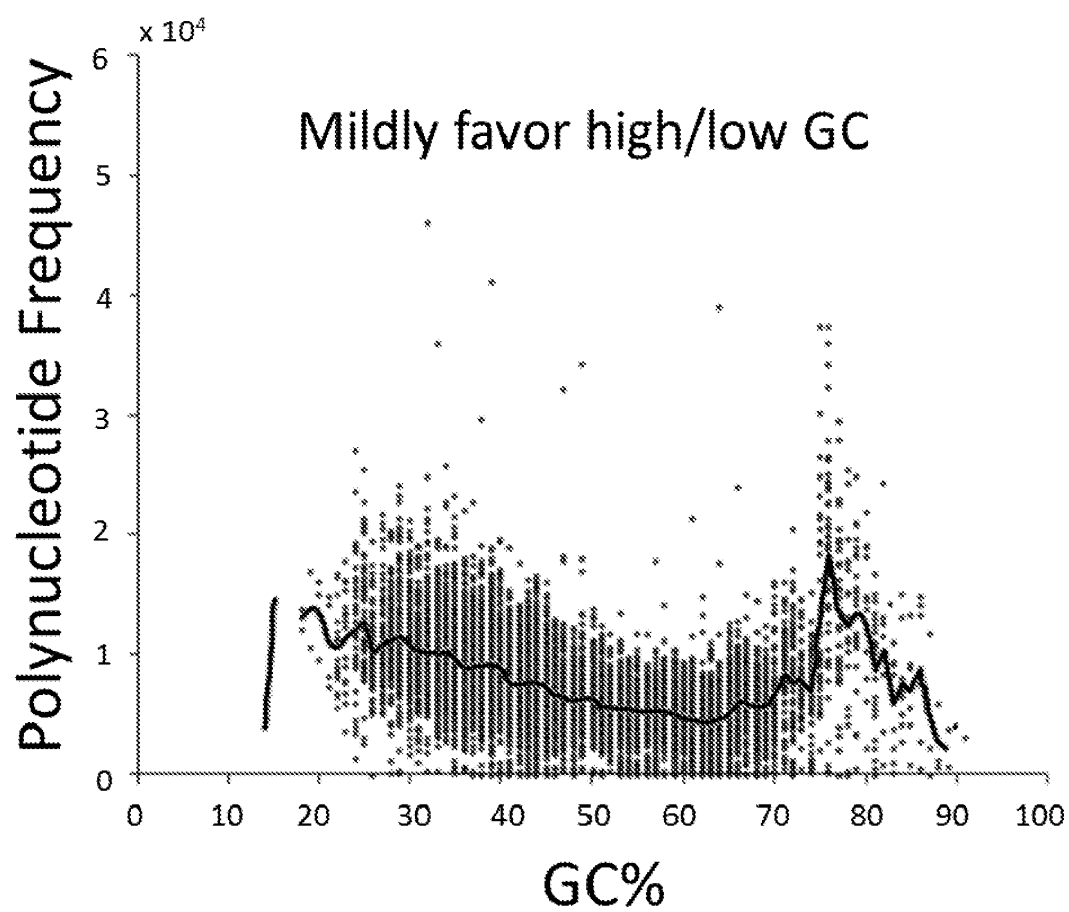


FIG. 21C

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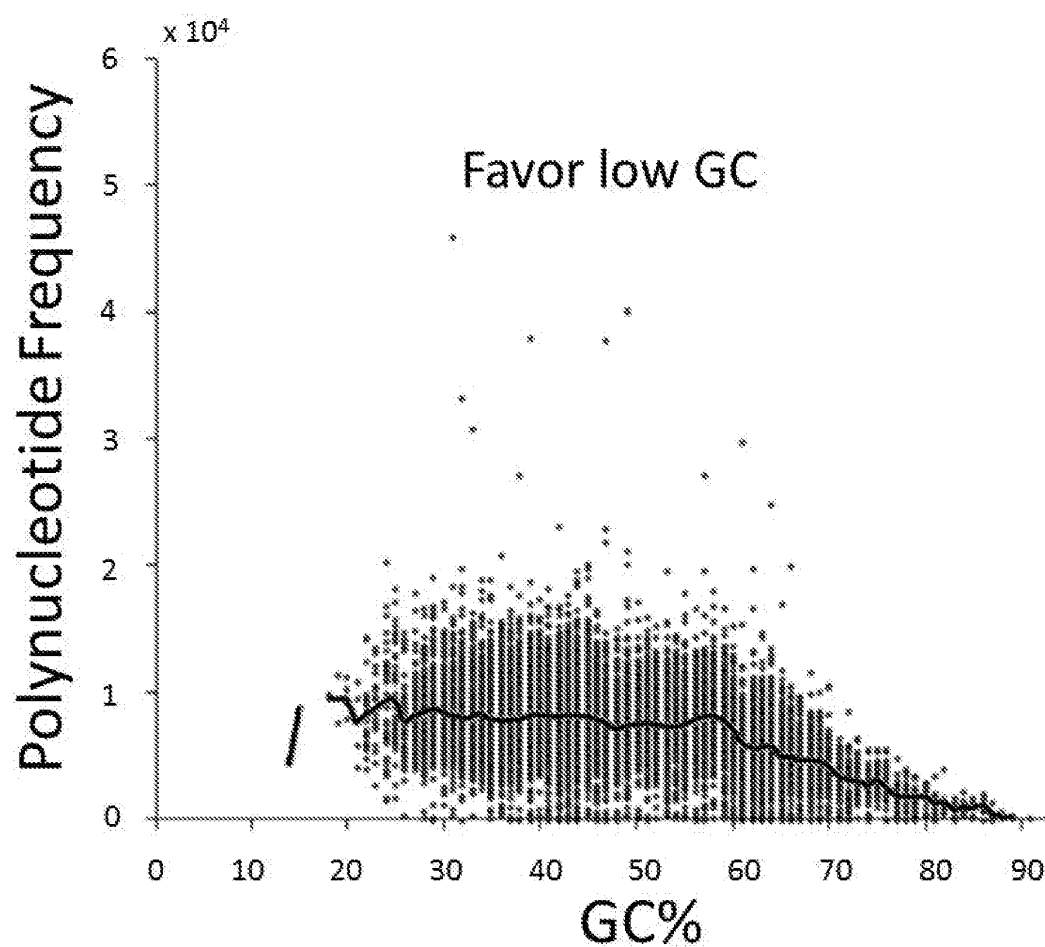


FIG. 21D

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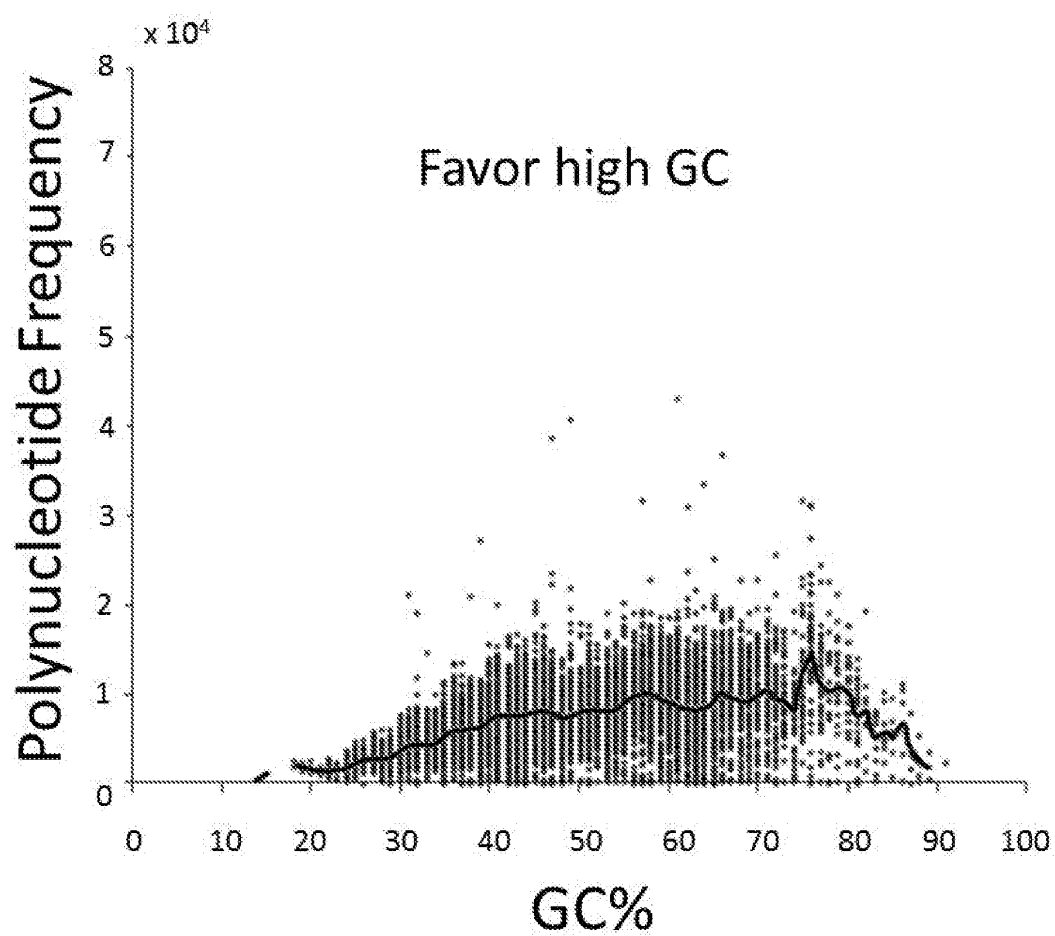
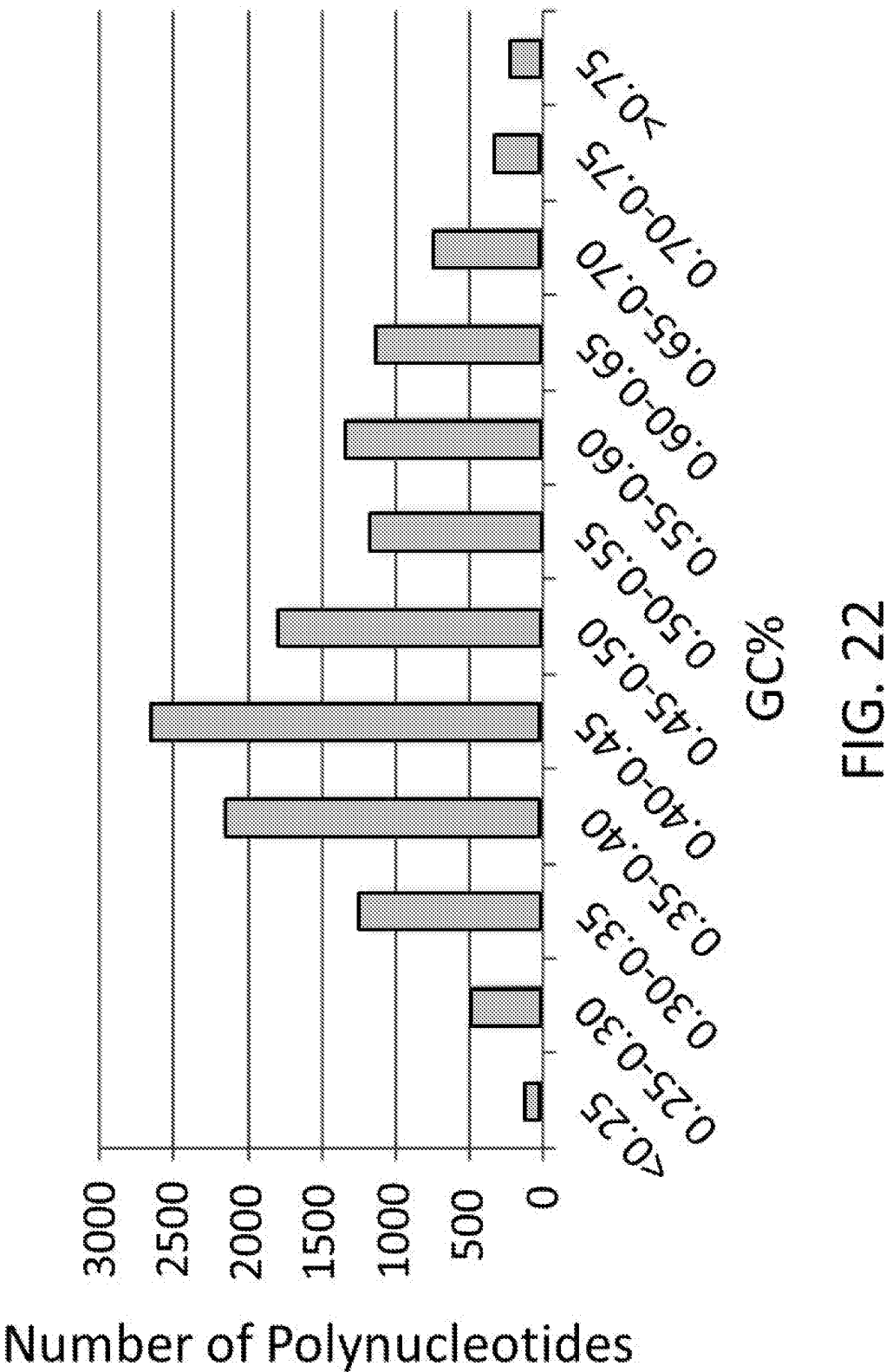


FIG. 21E



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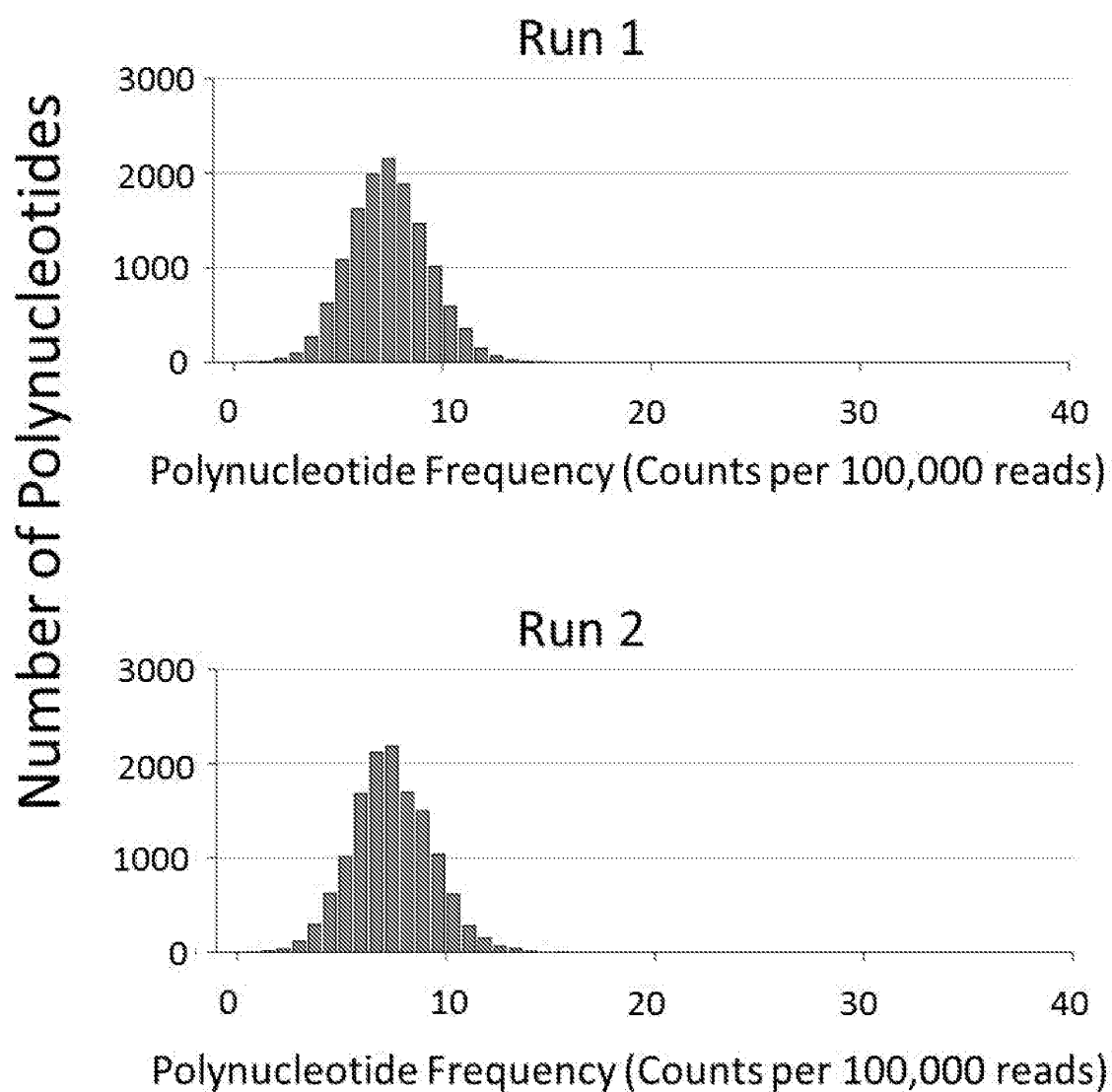


FIG. 23

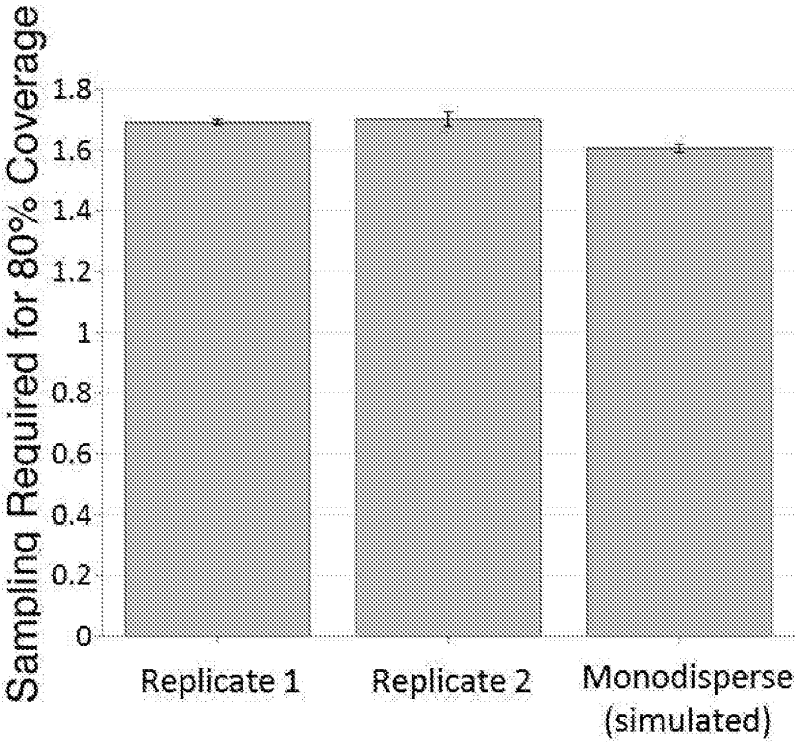


FIG. 24A

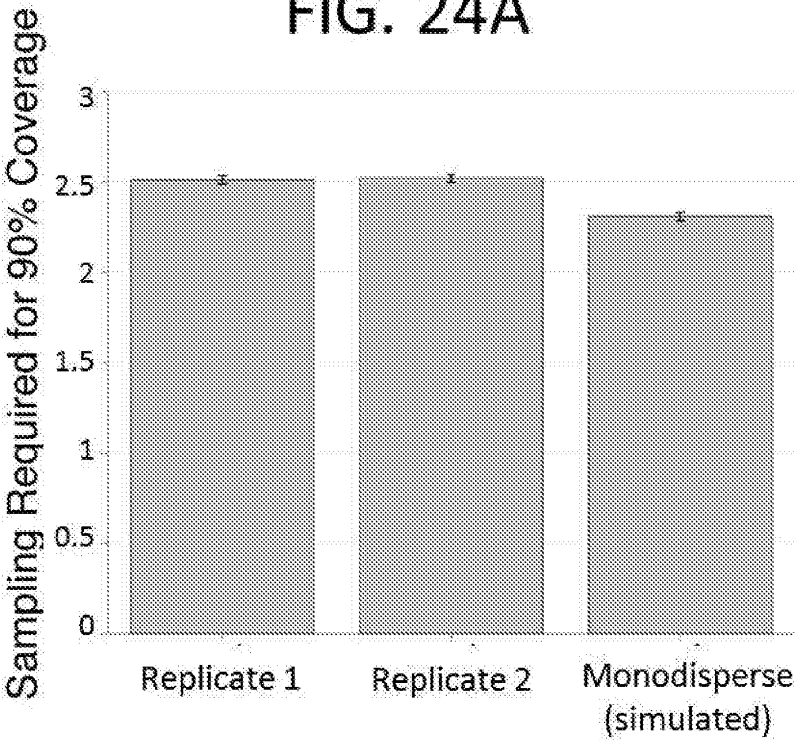


FIG. 24B

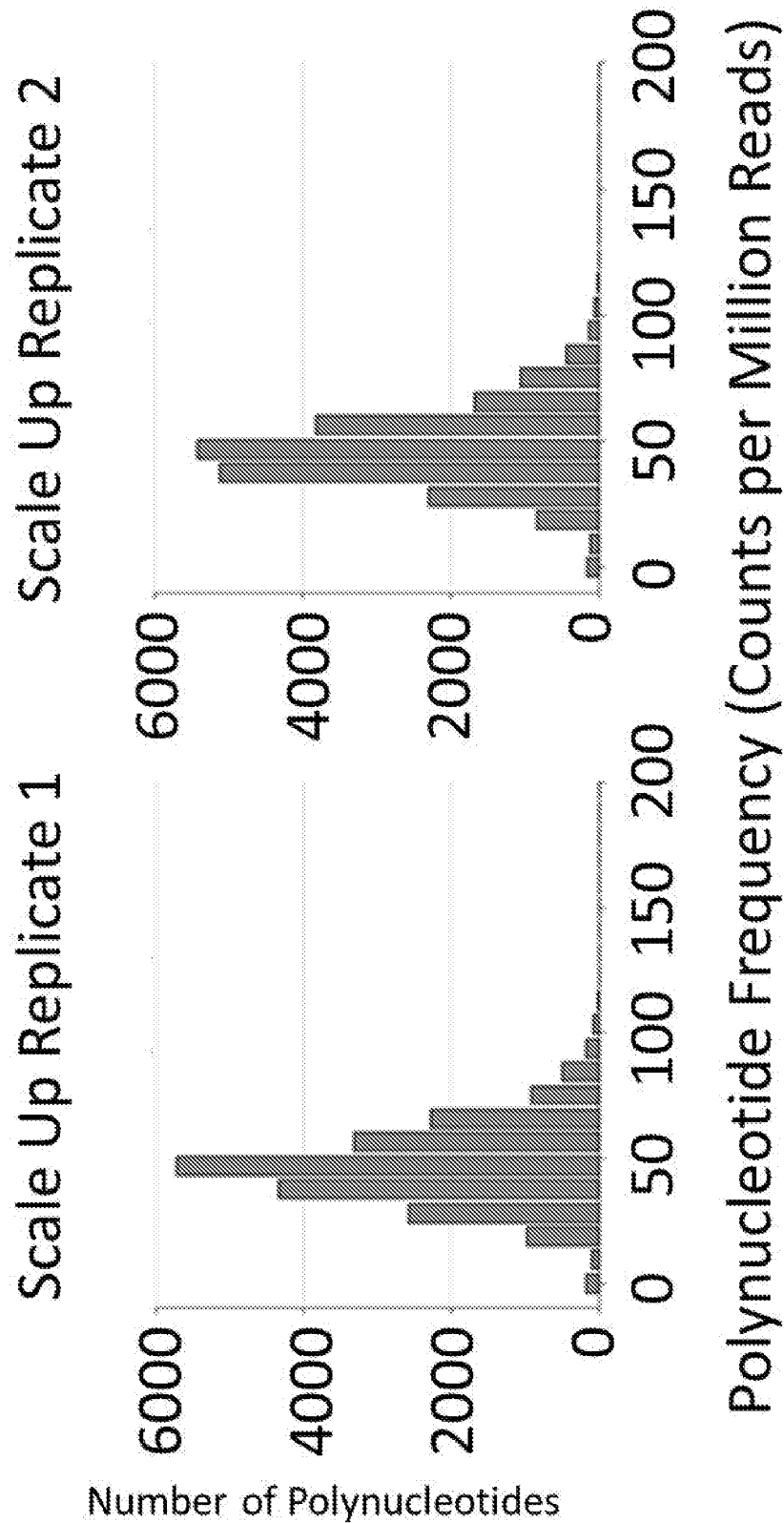


FIG. 25

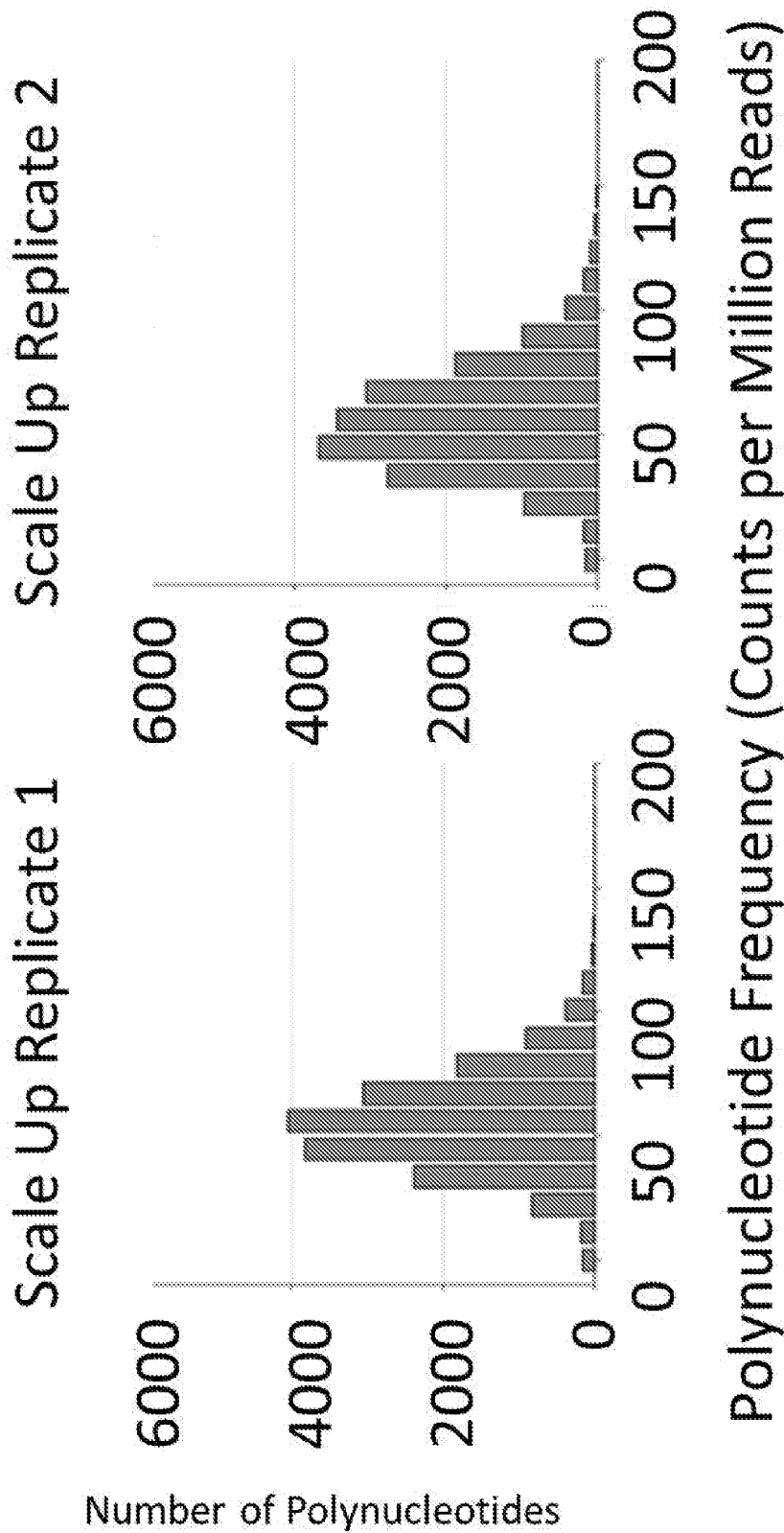


FIG. 26

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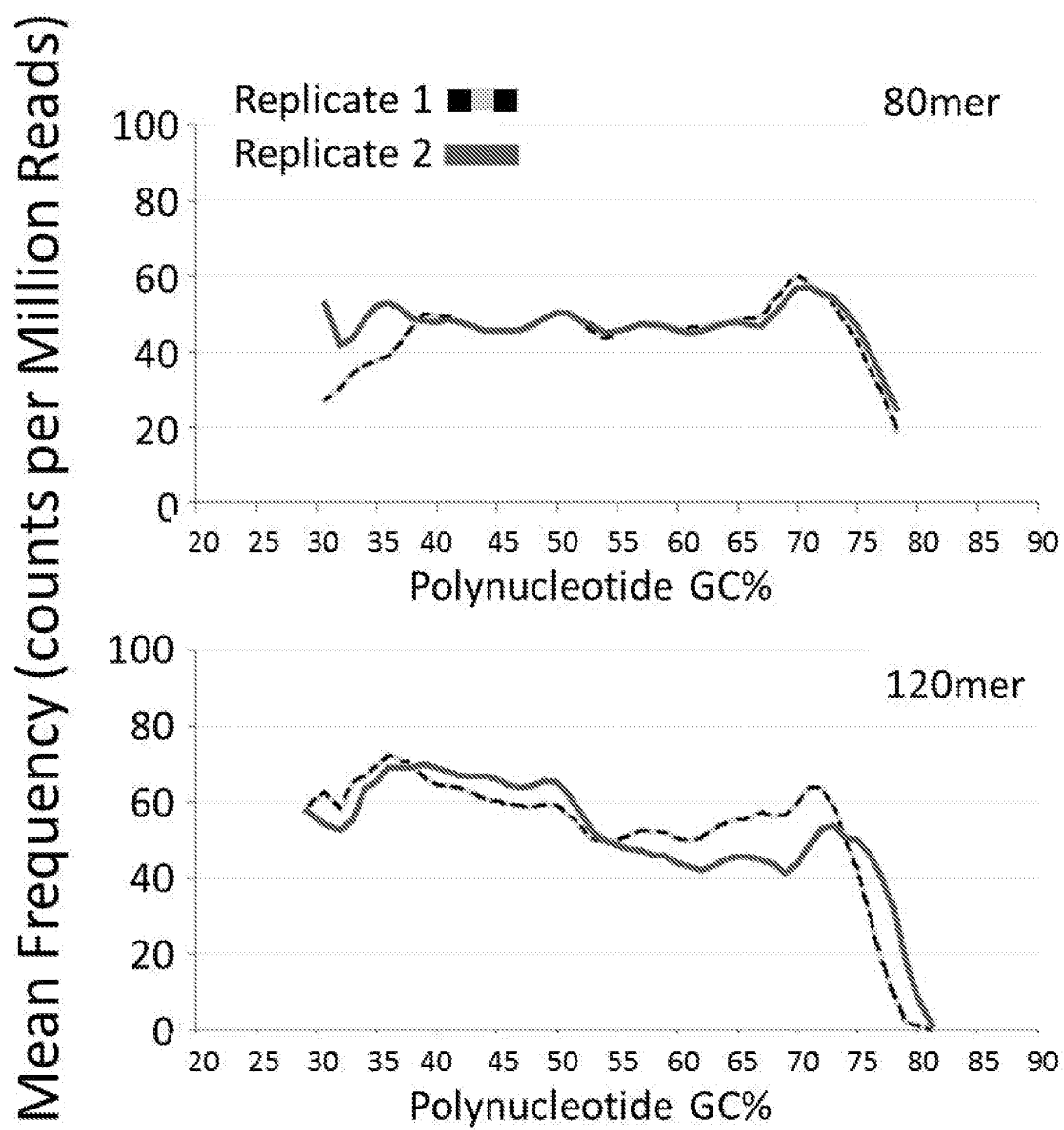


FIG. 27

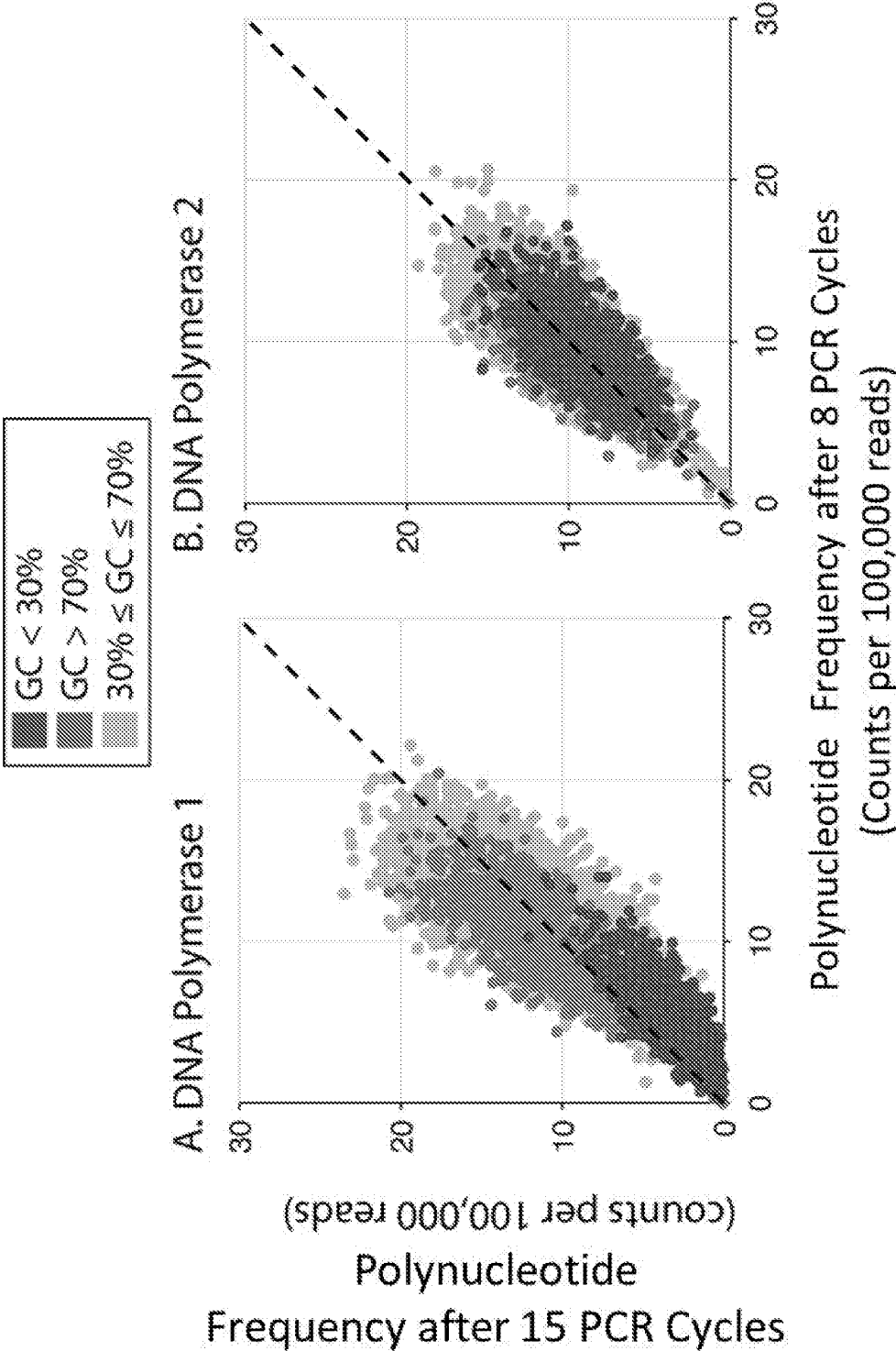


FIG. 28

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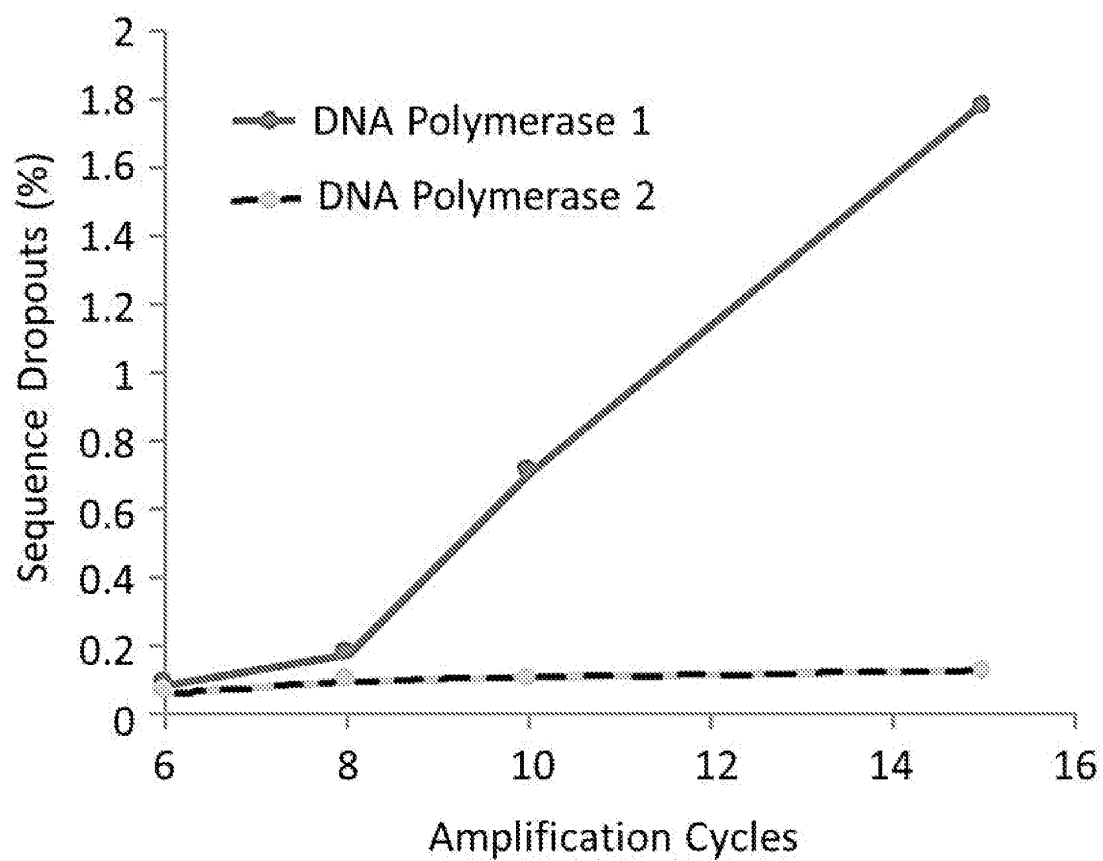
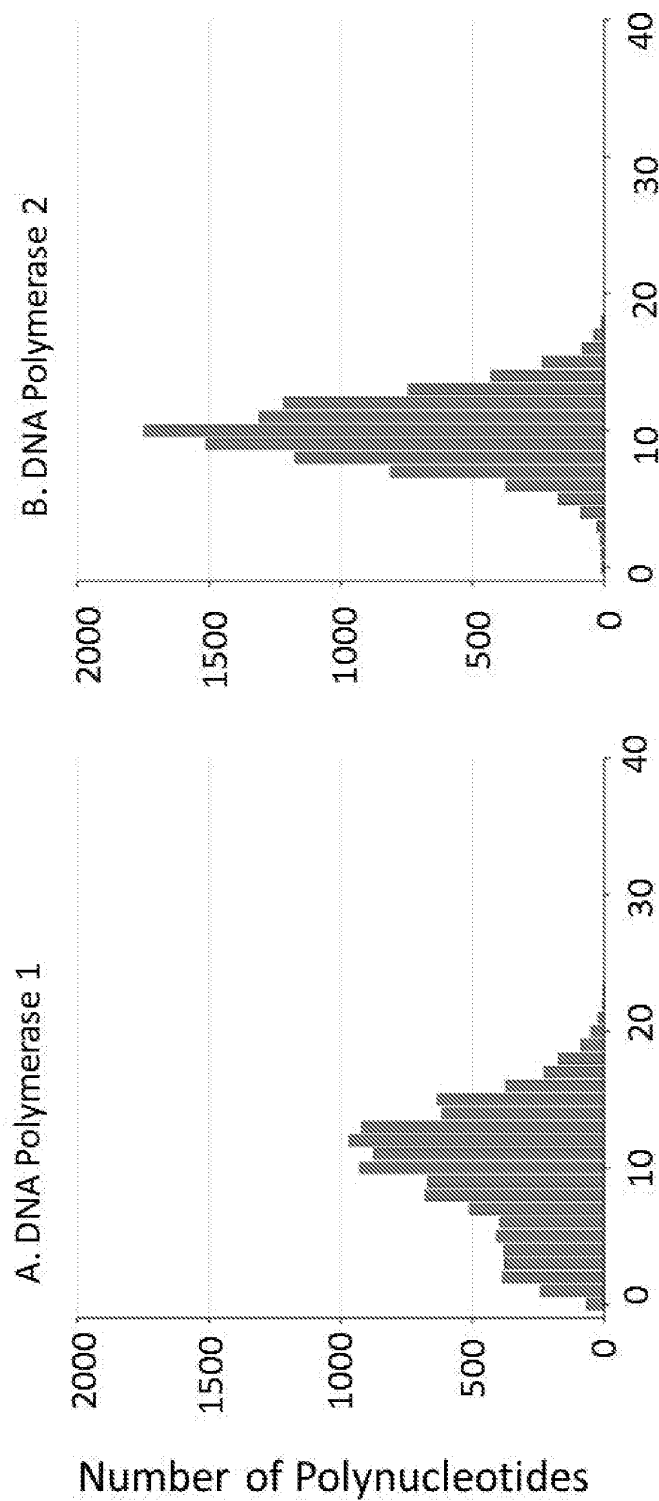


FIG. 29



(Polynucleotide counts per 100,000 reads)

FIG. 30

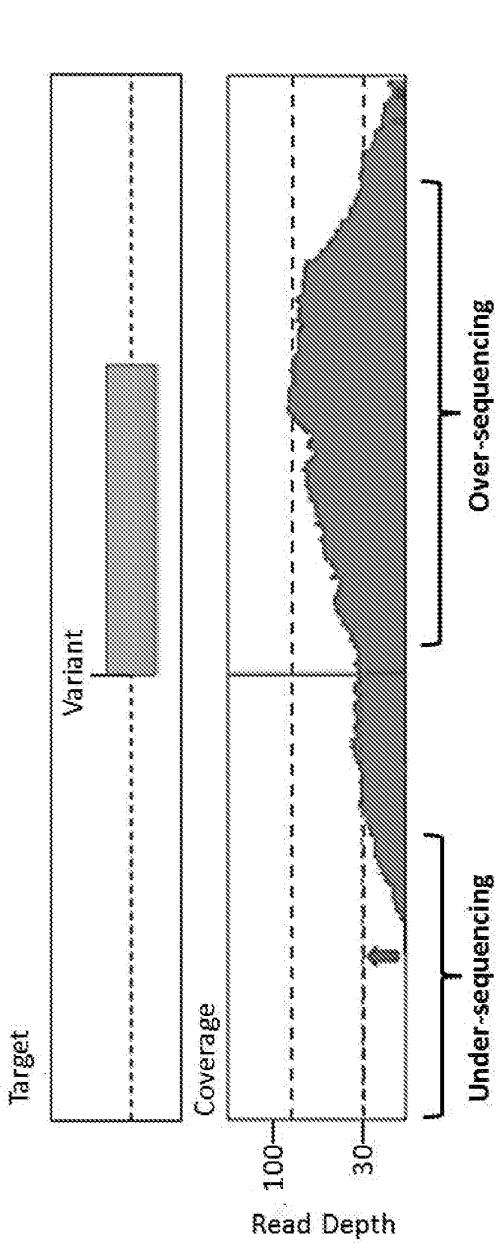


FIG. 31A

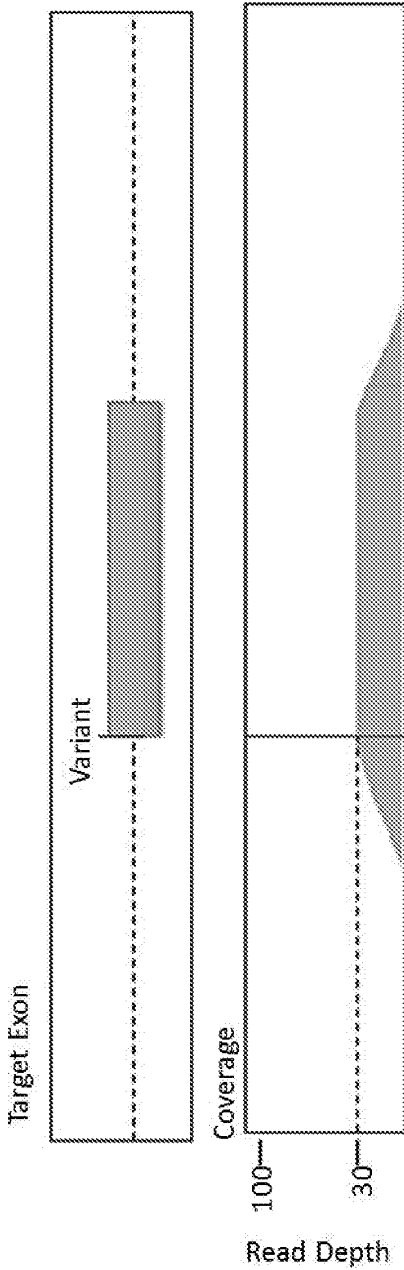


FIG. 31B

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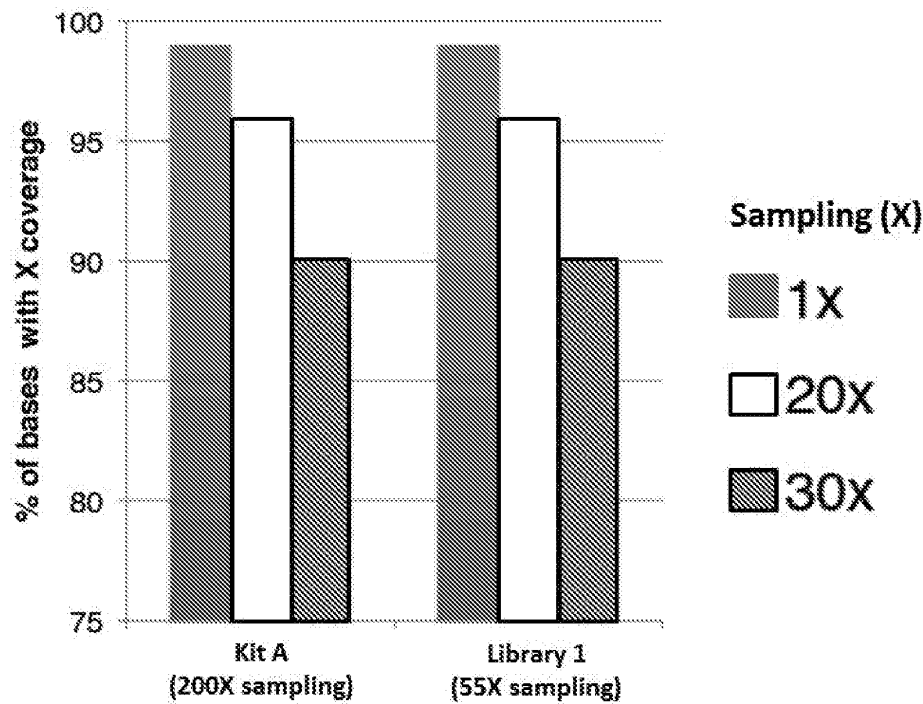


FIG. 32A

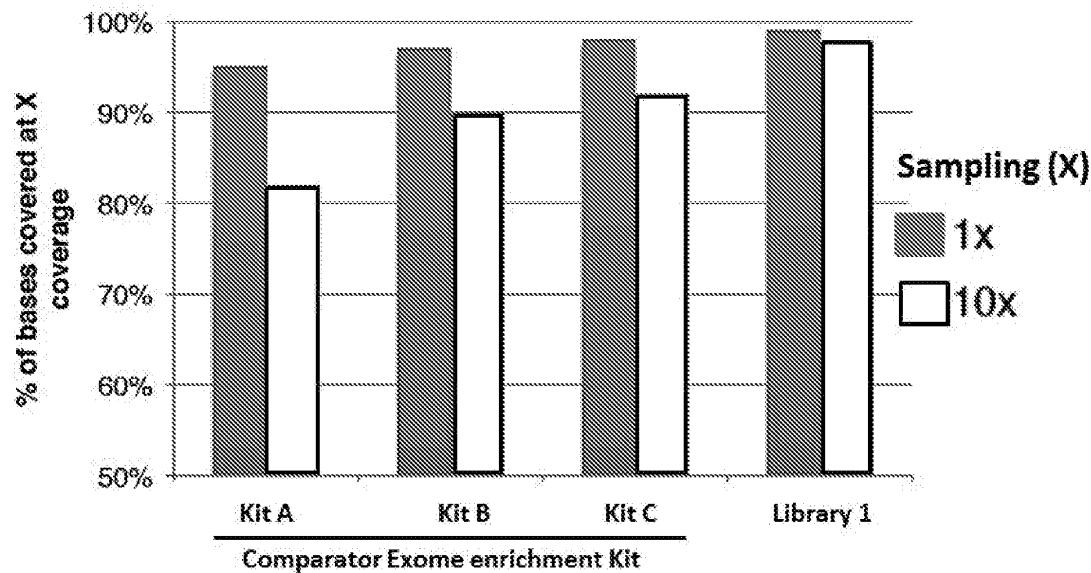


FIG. 32B

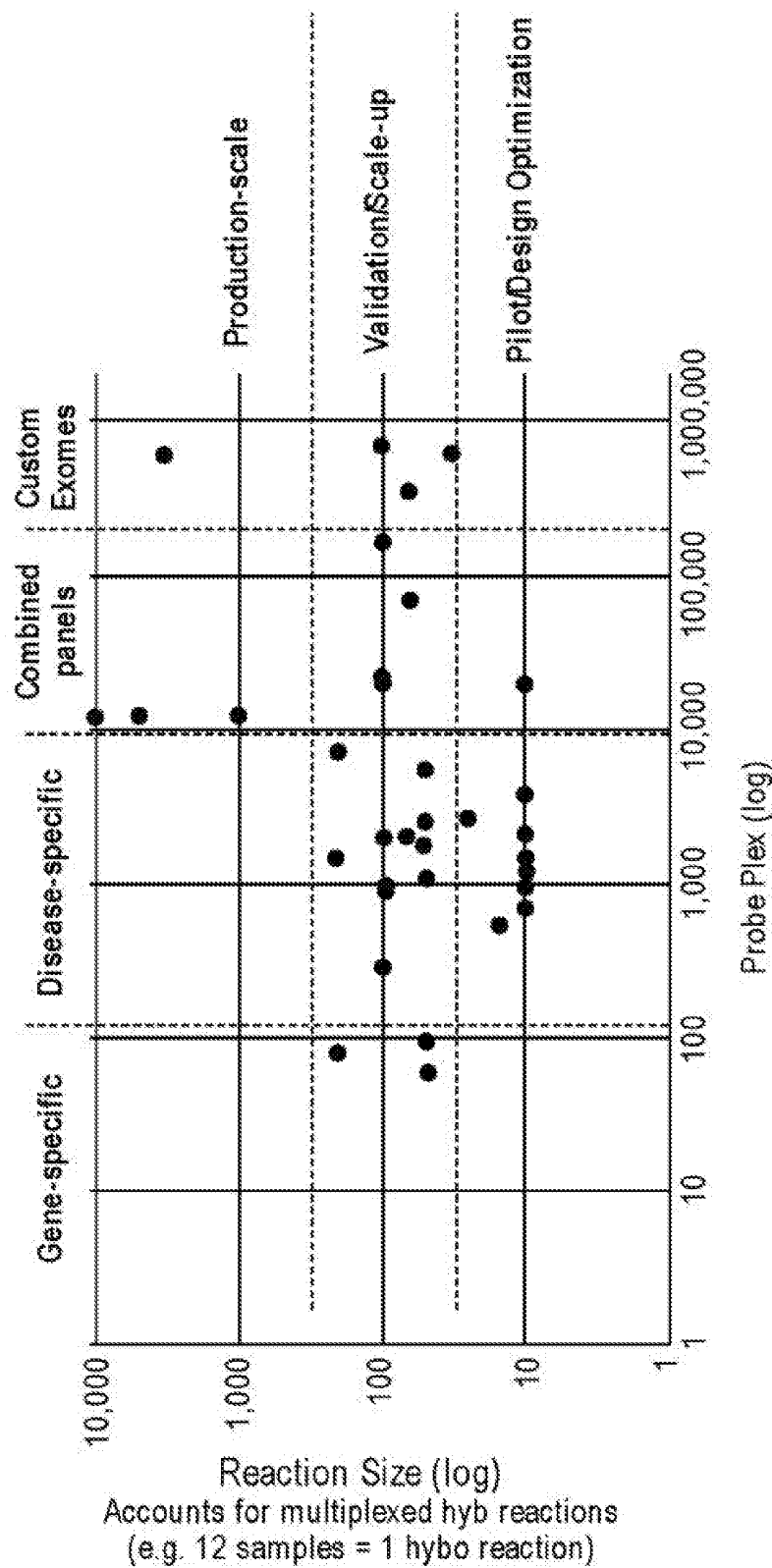


FIG. 33

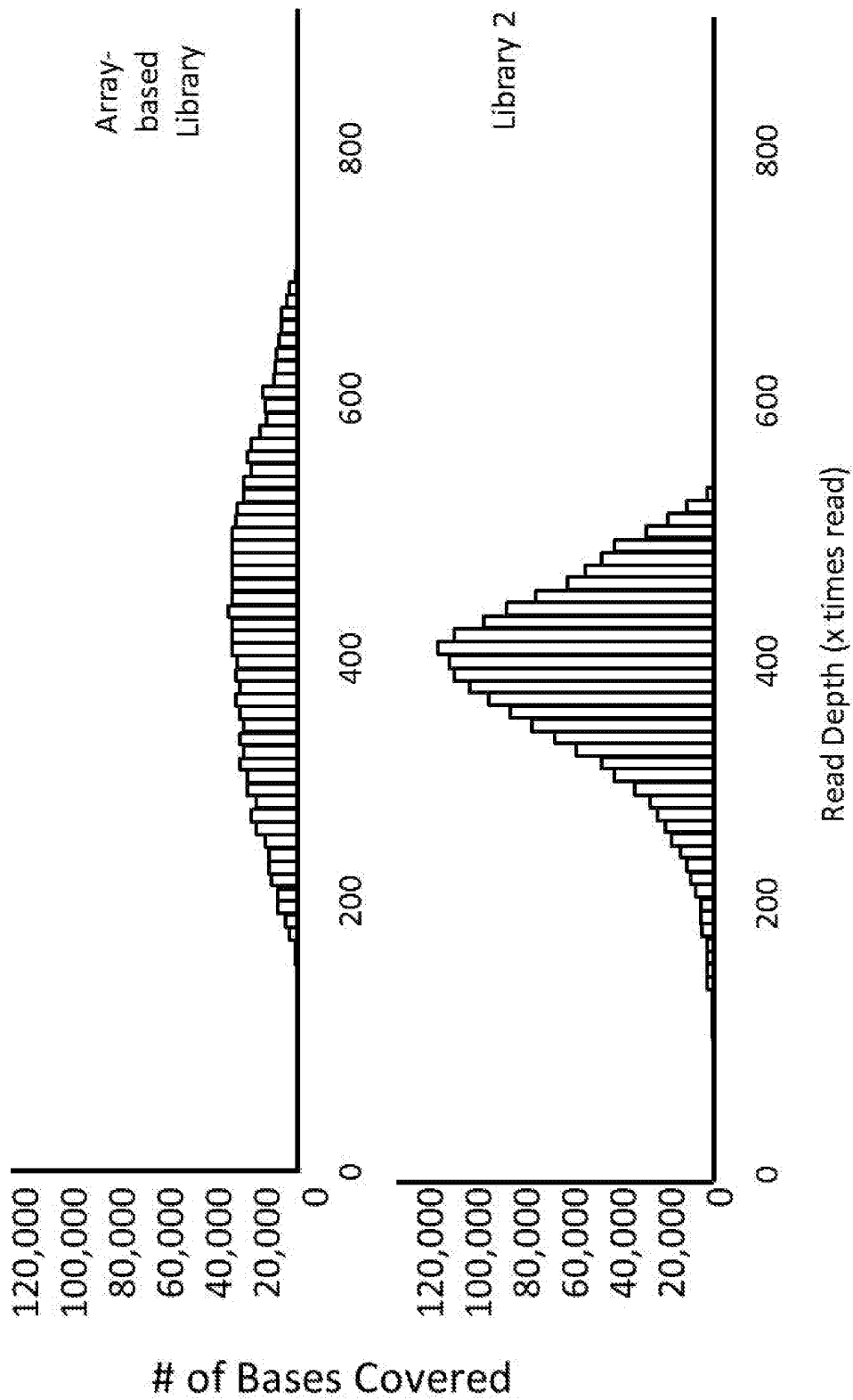


FIG. 34

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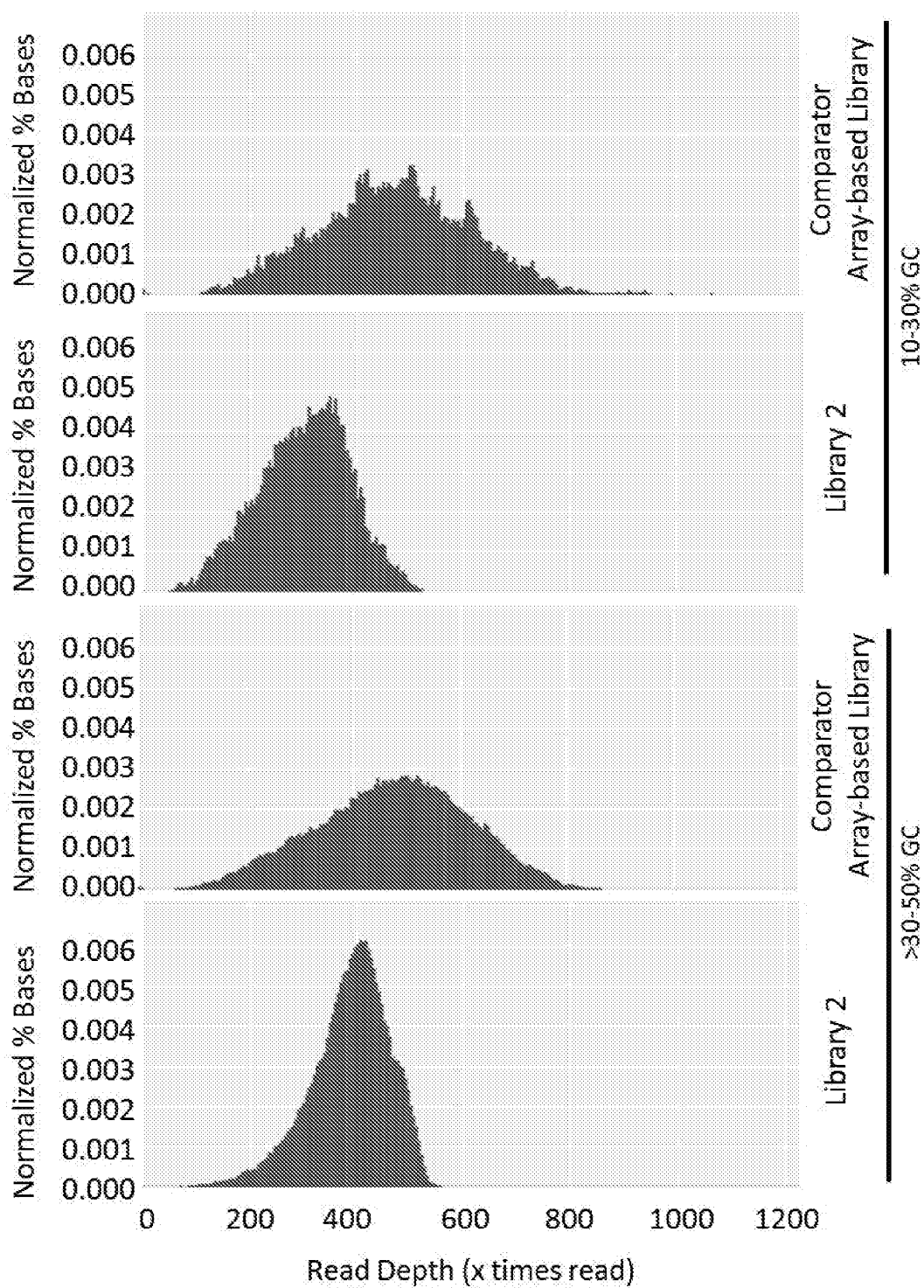


FIG. 35A

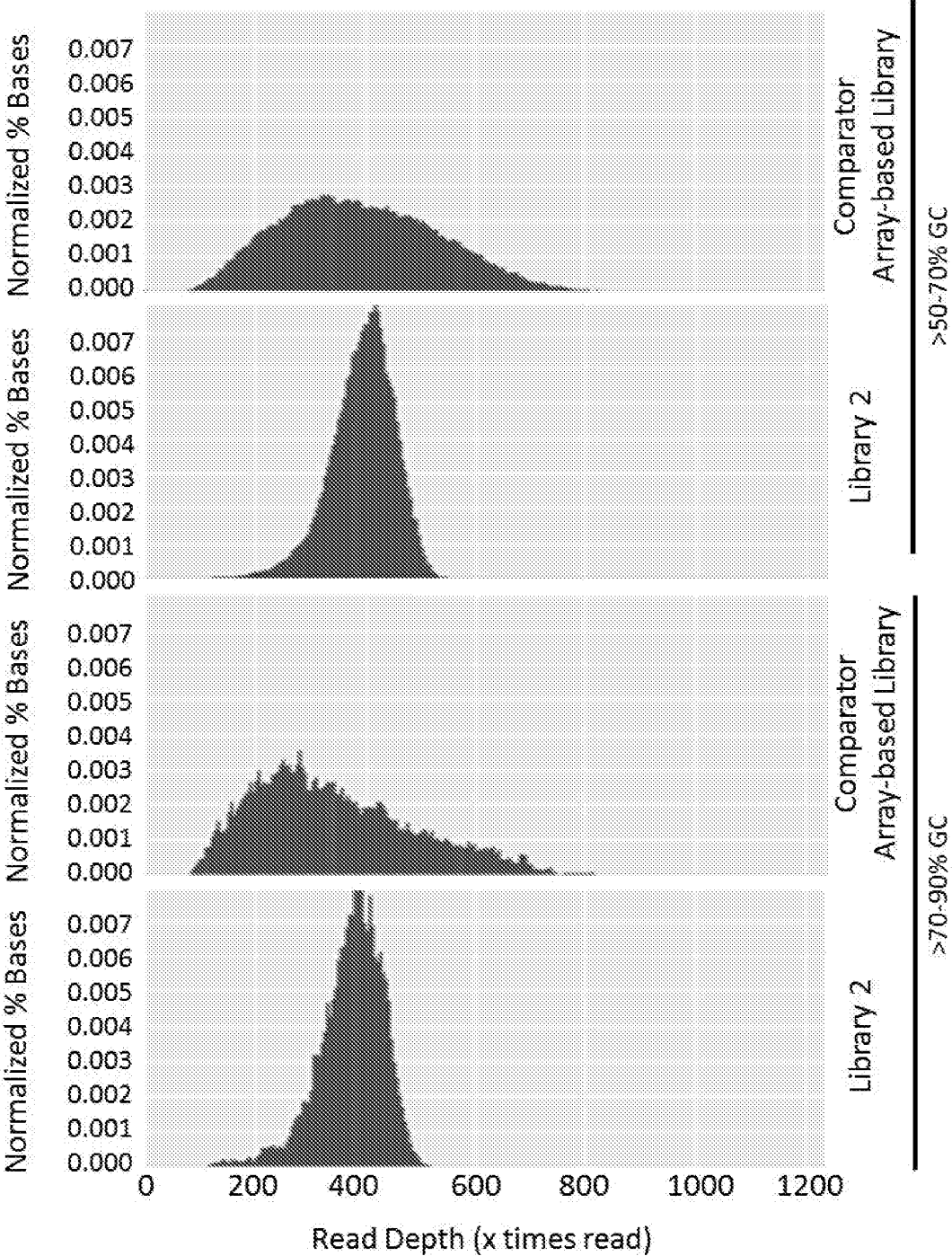


FIG. 35B

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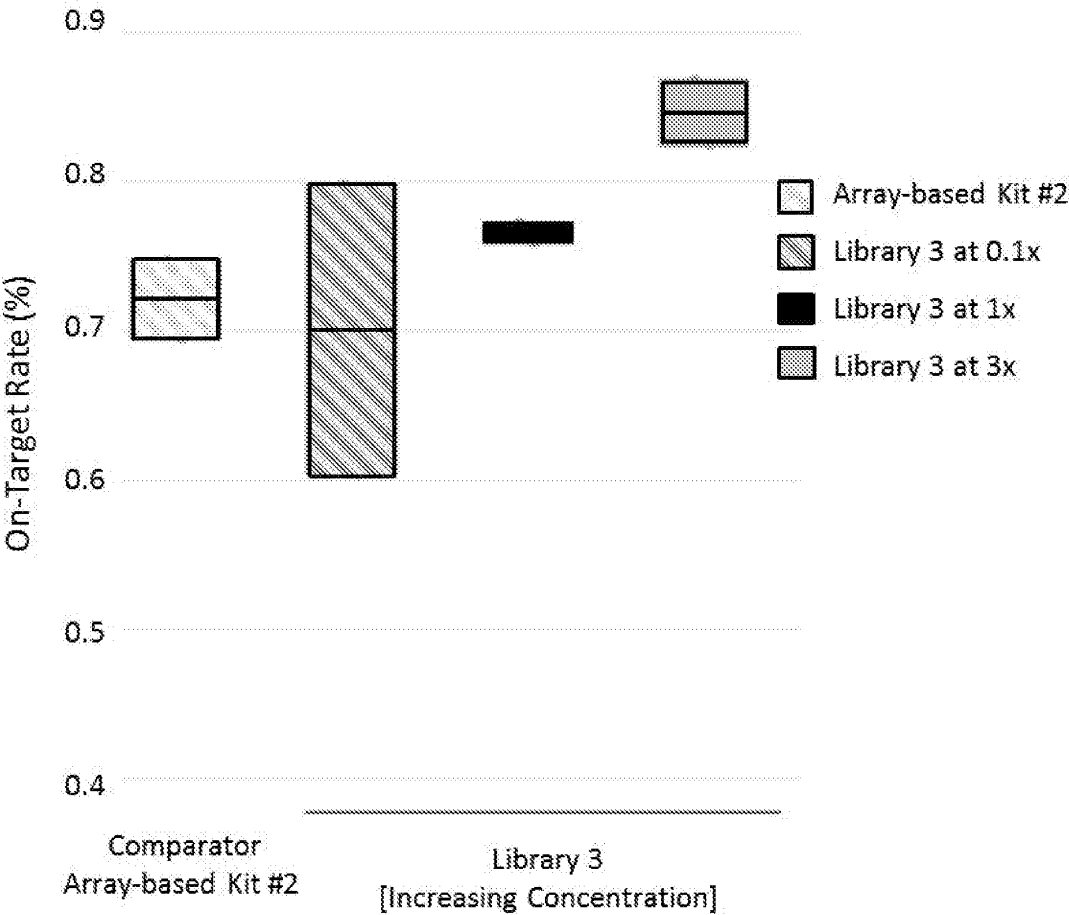


FIG. 36A

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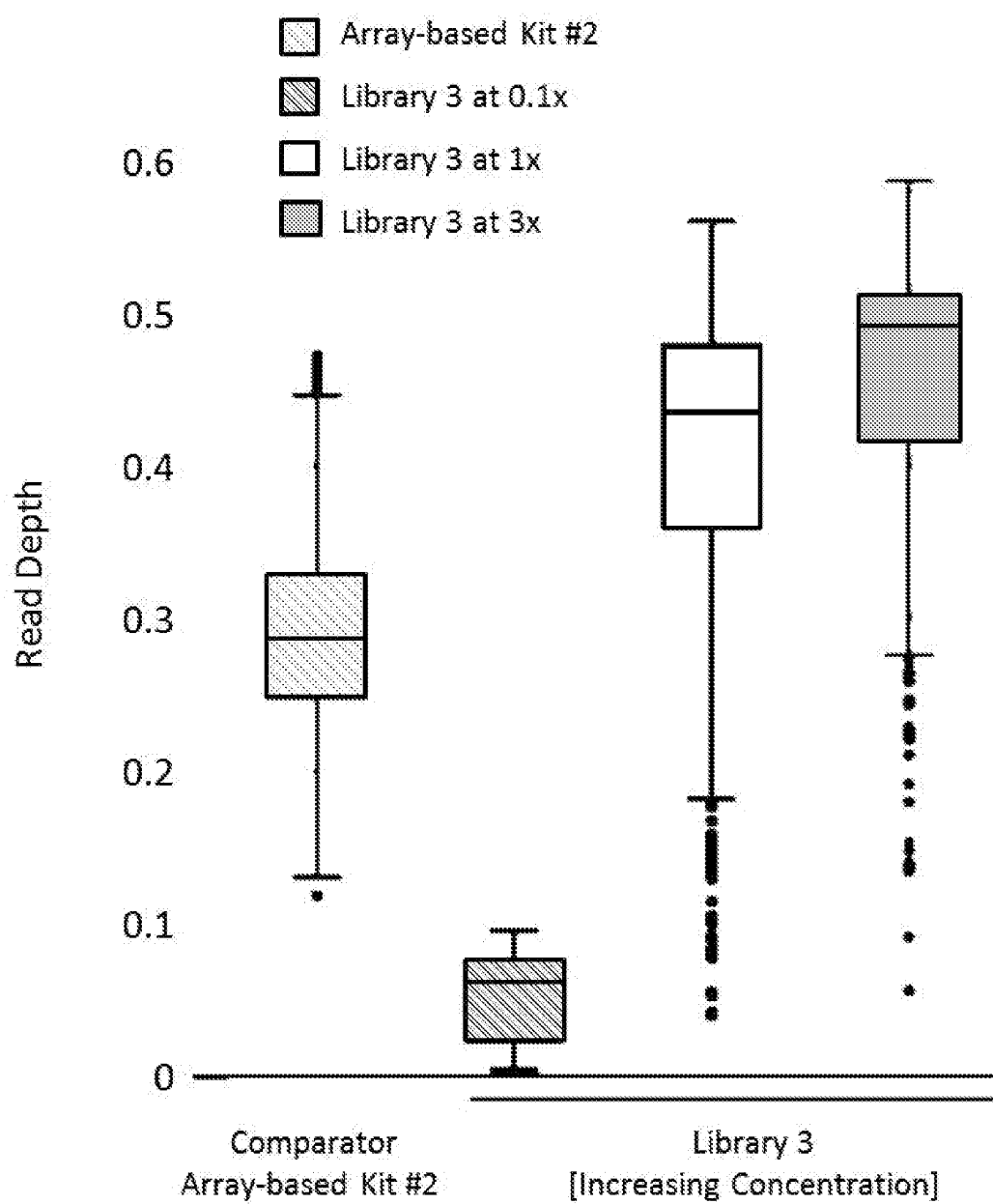


FIG. 36B

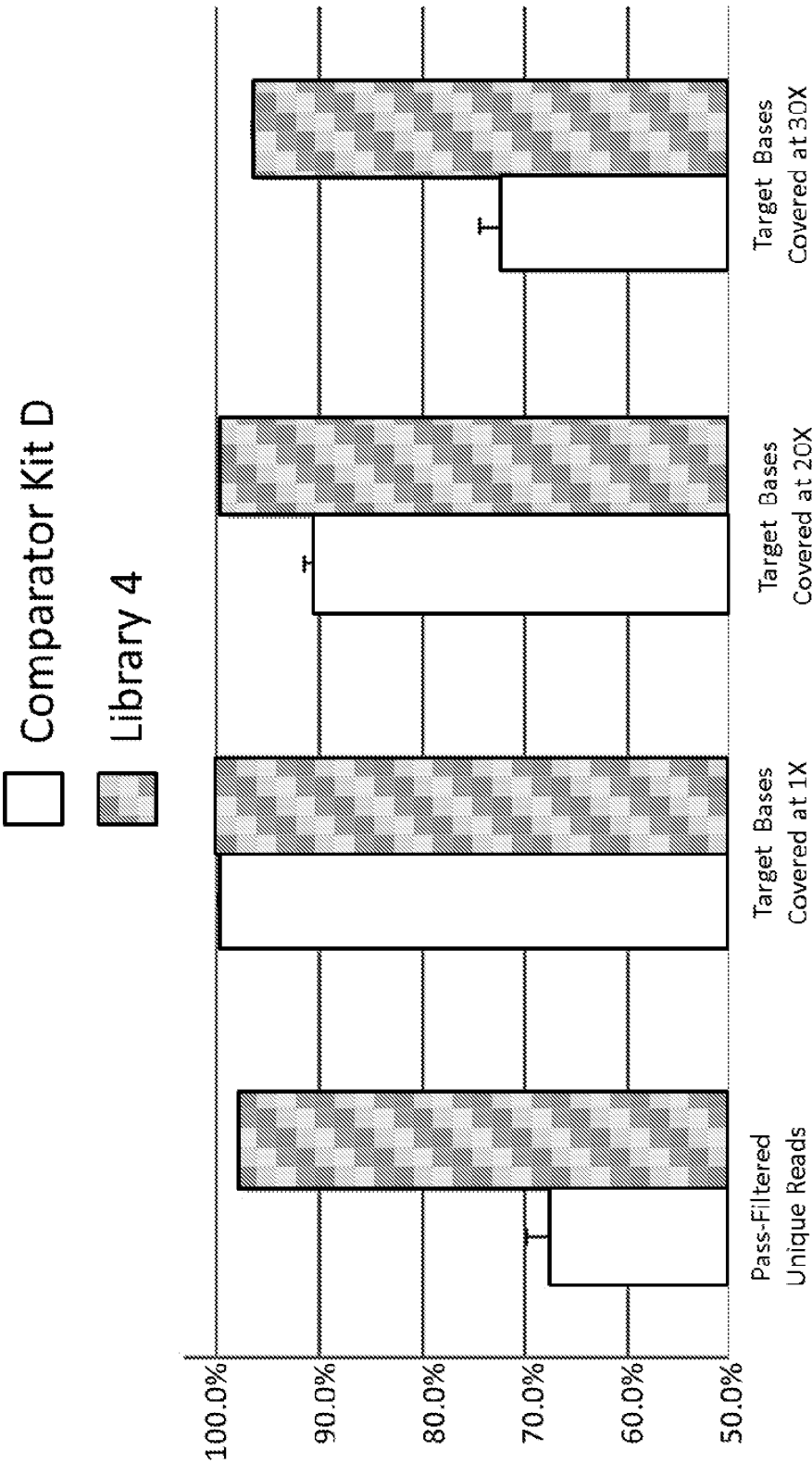


FIG. 37

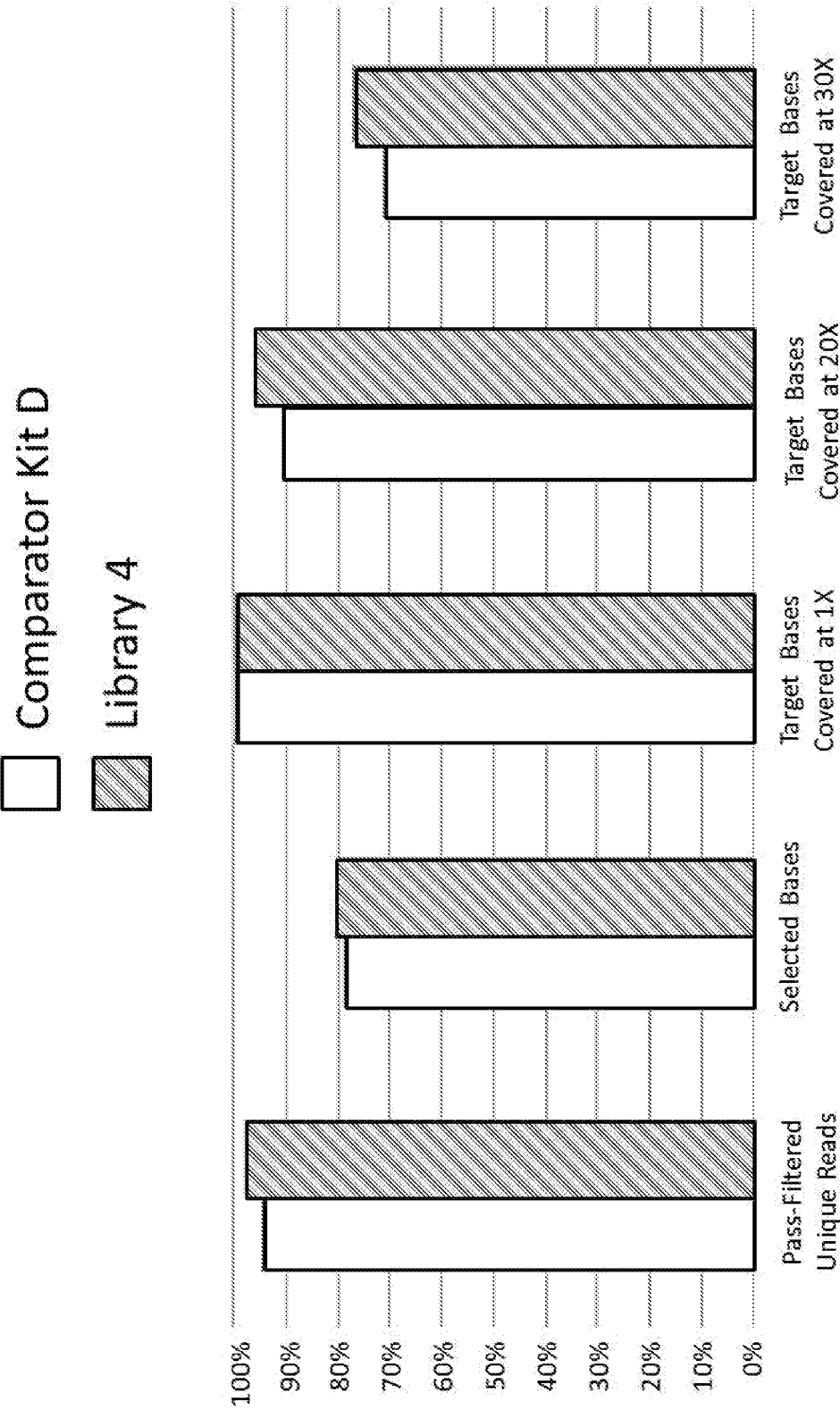


FIG. 38