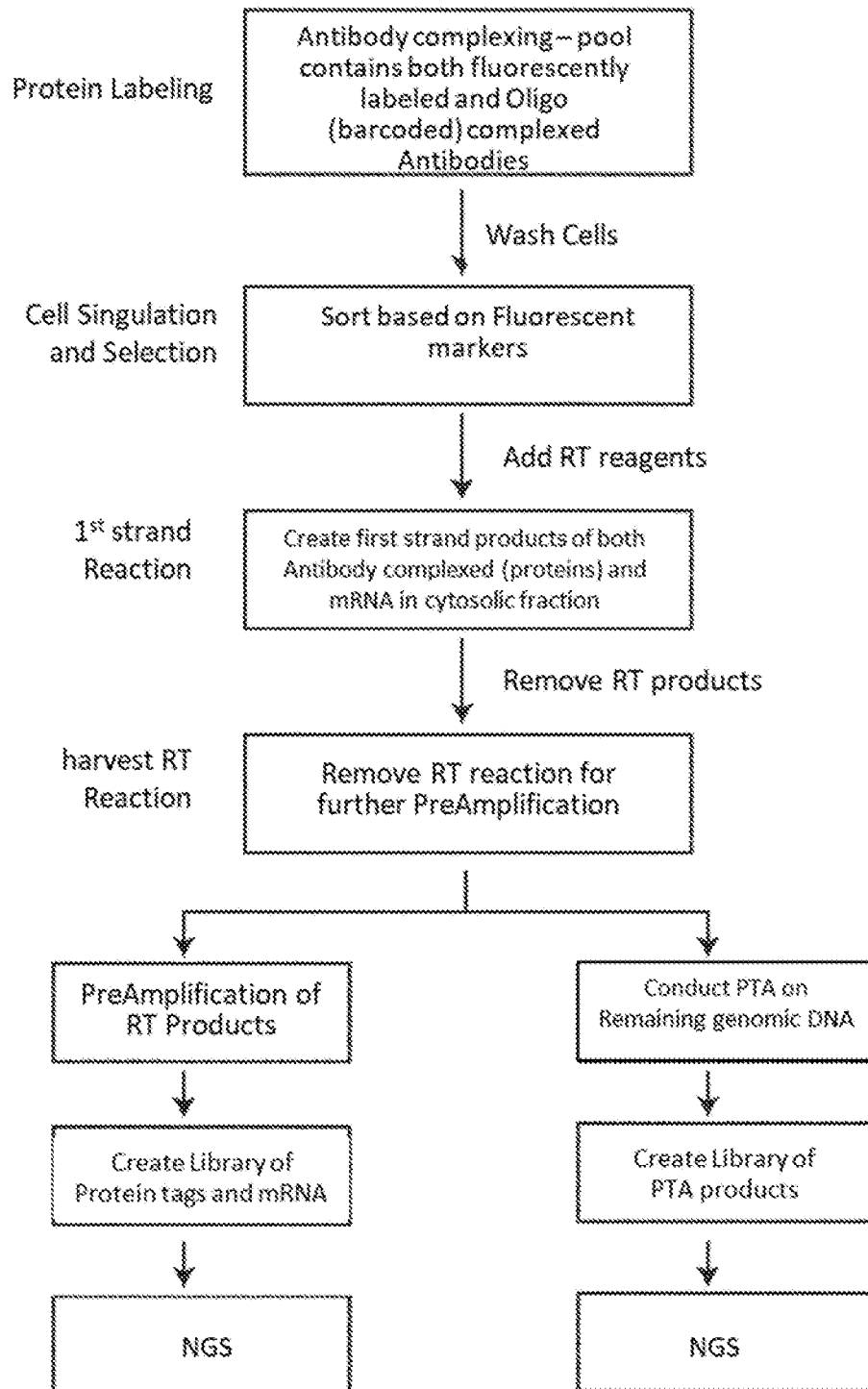
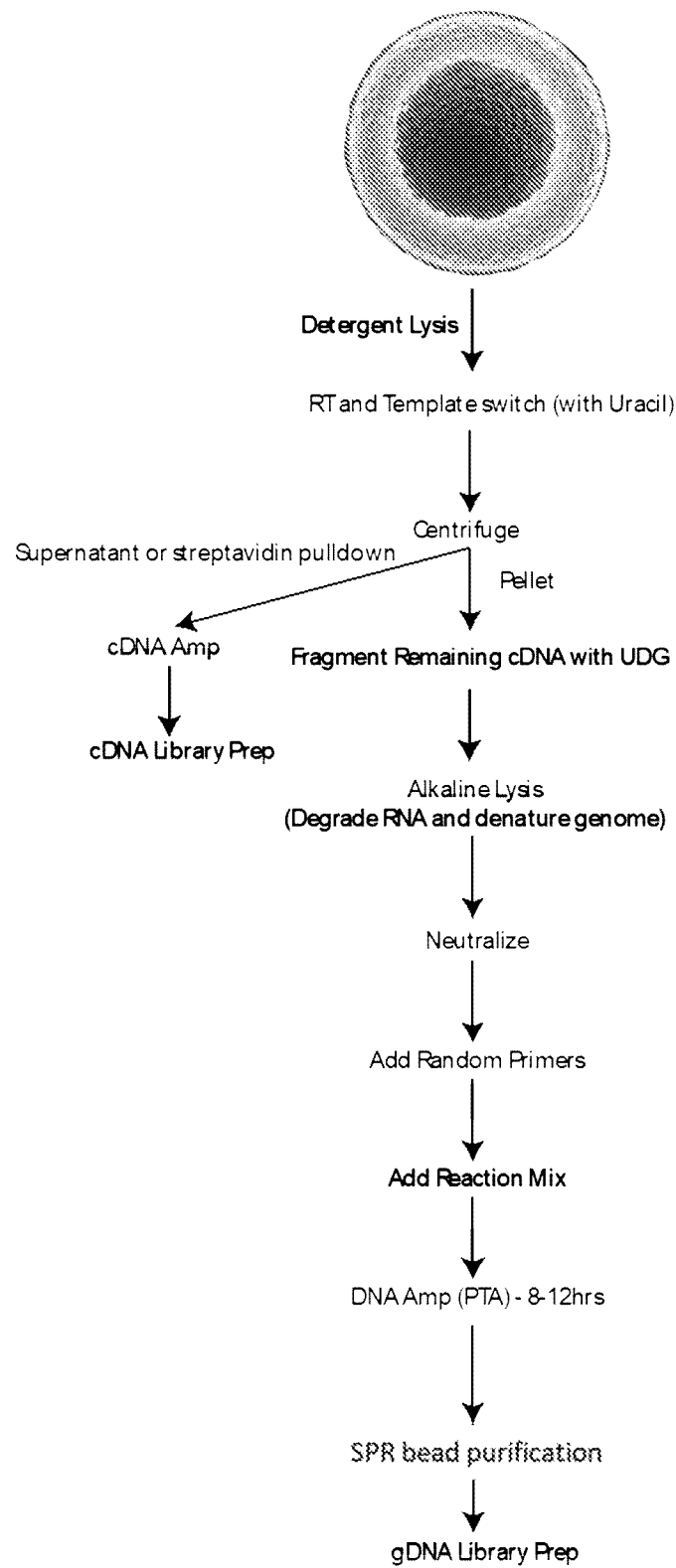


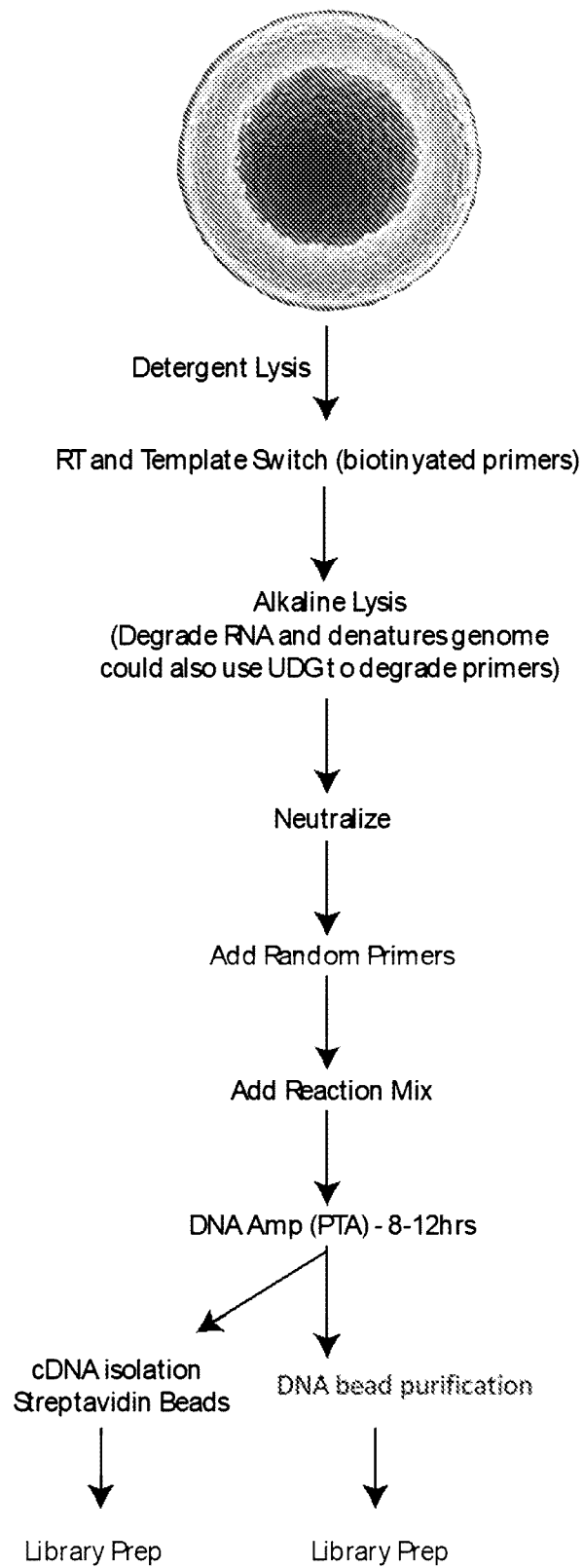
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**FIG. 1A**

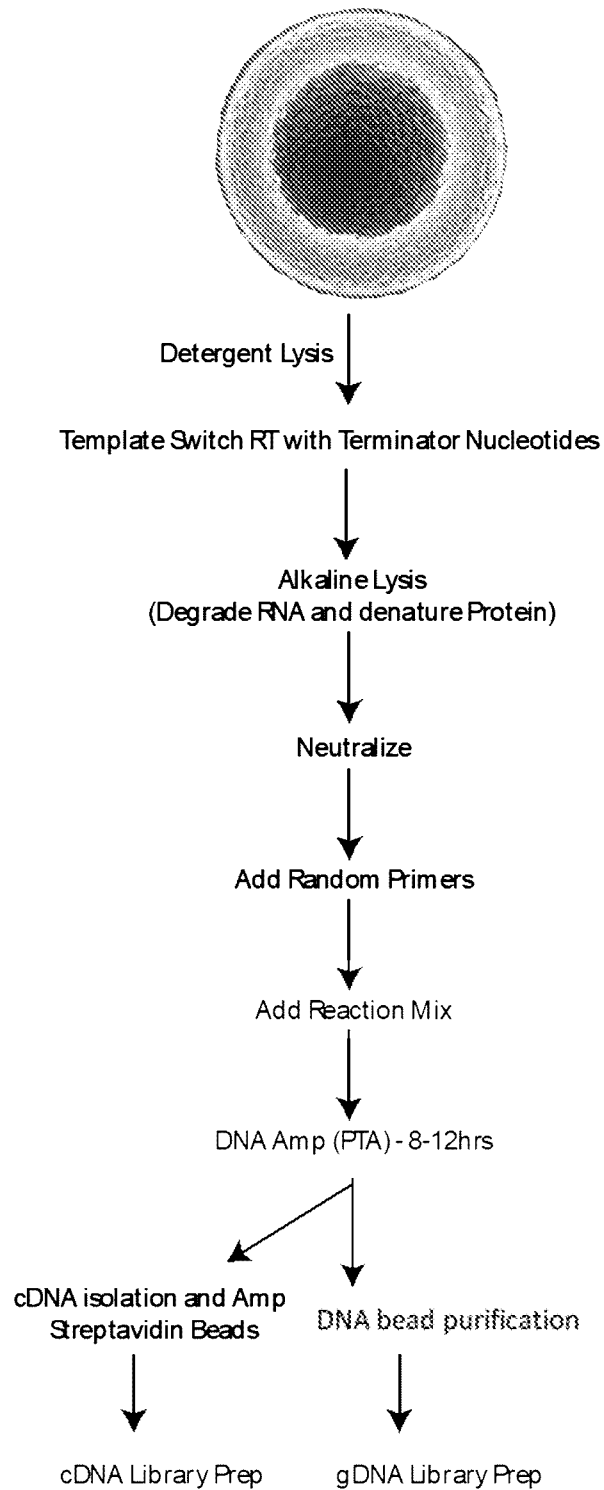
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**FIG. 1B**

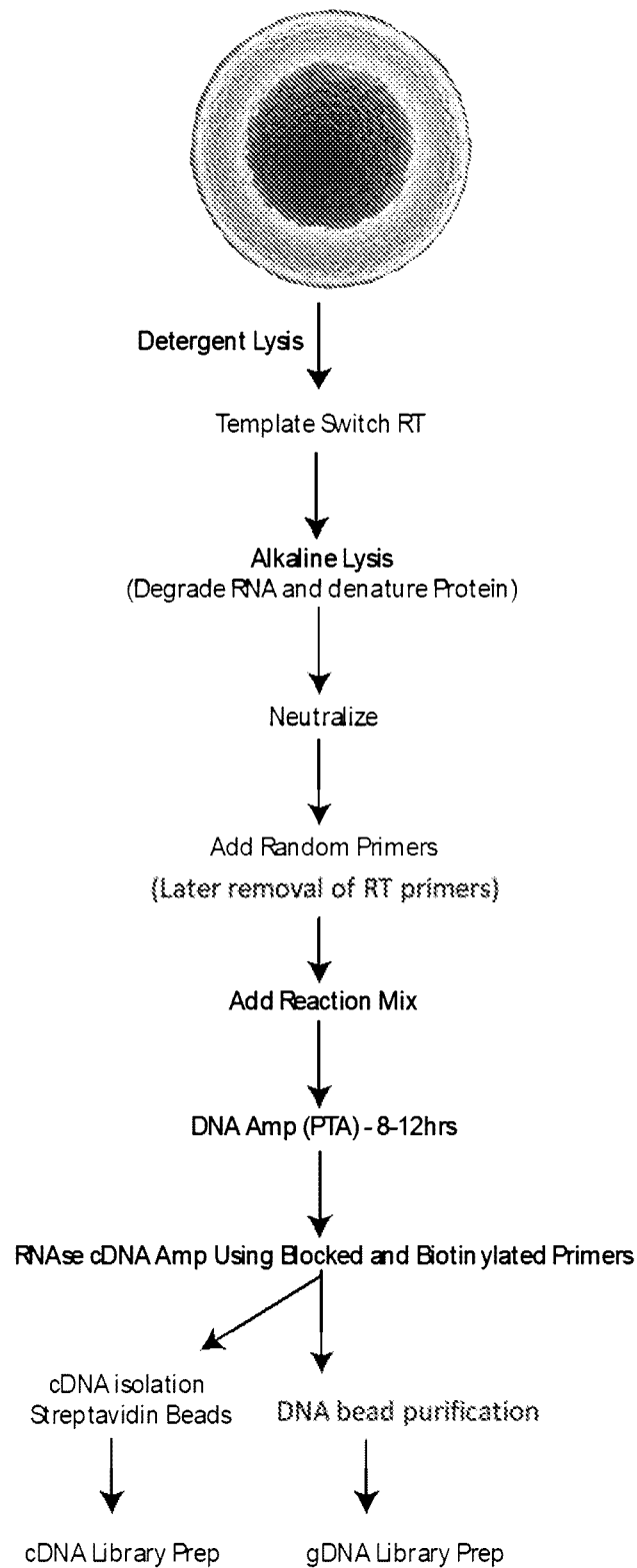
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**FIG. 1C**

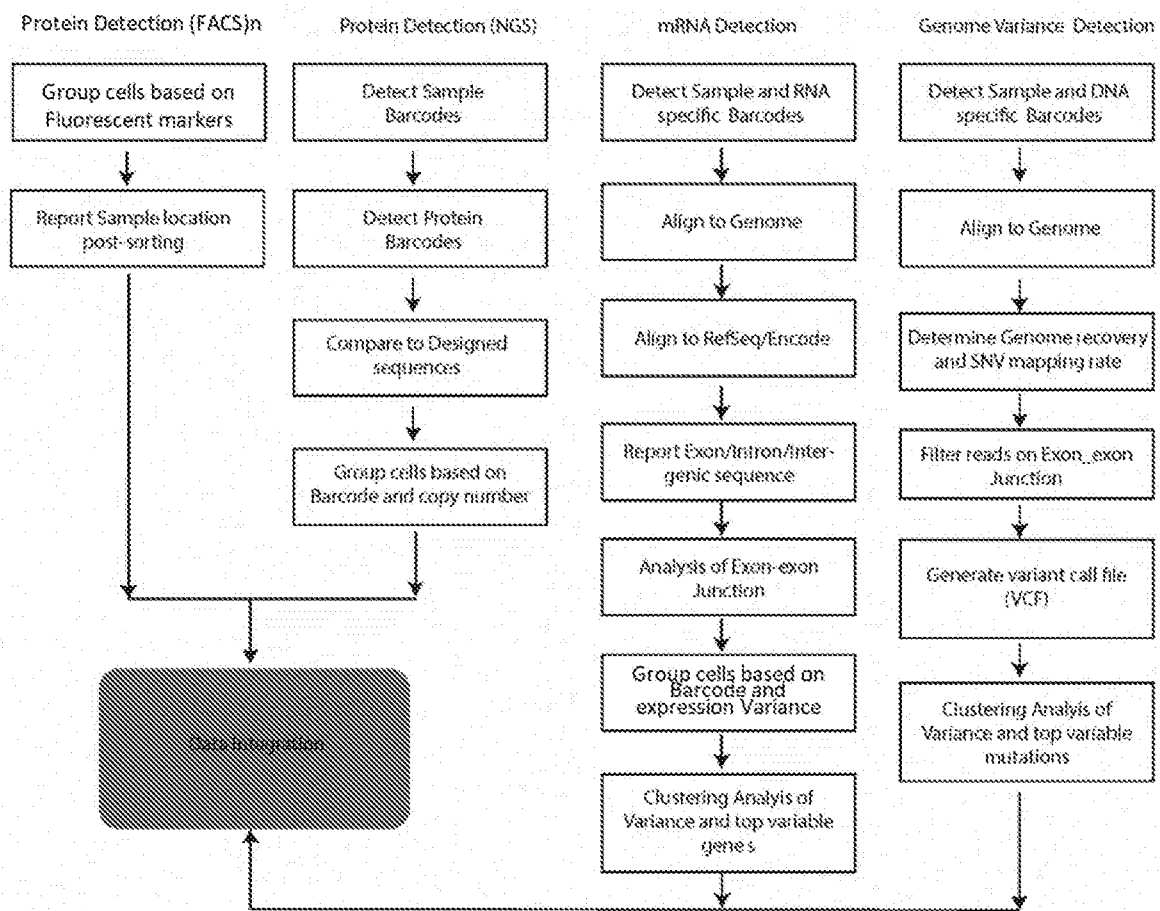
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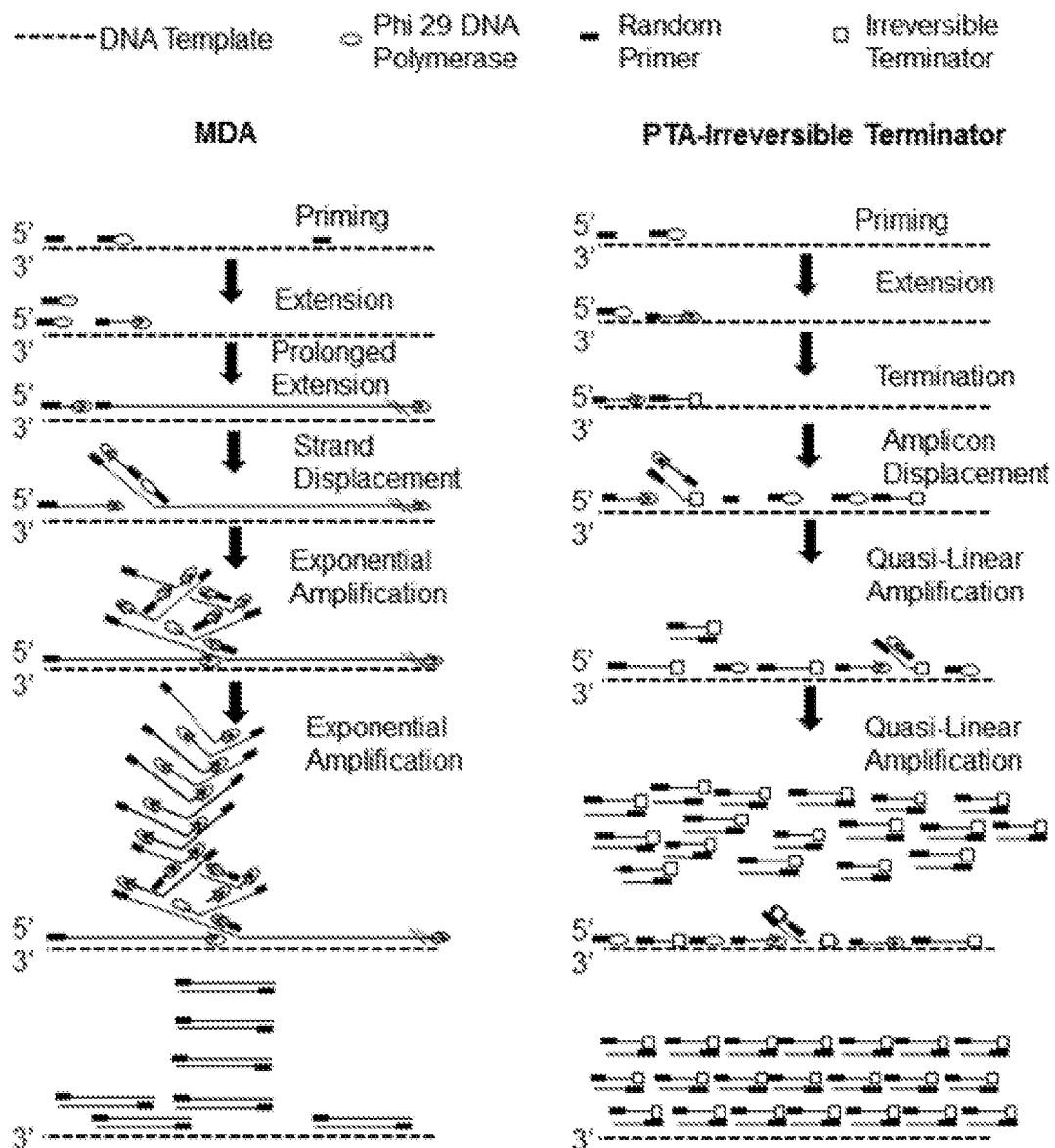
**FIG. 1D**

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**FIG. 1E**

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**FIG. 1F**

**FIG. 1G**

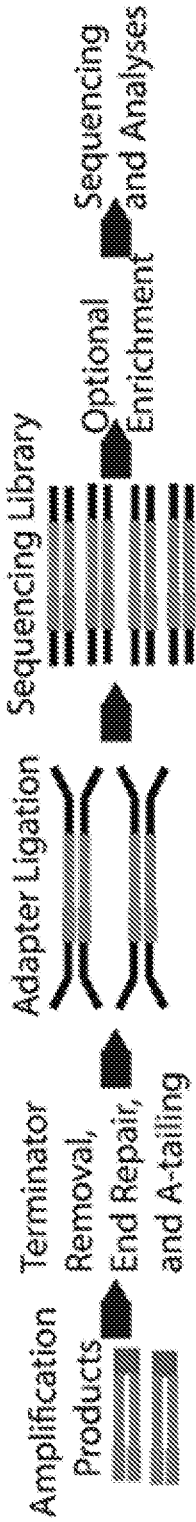


FIG. 2A

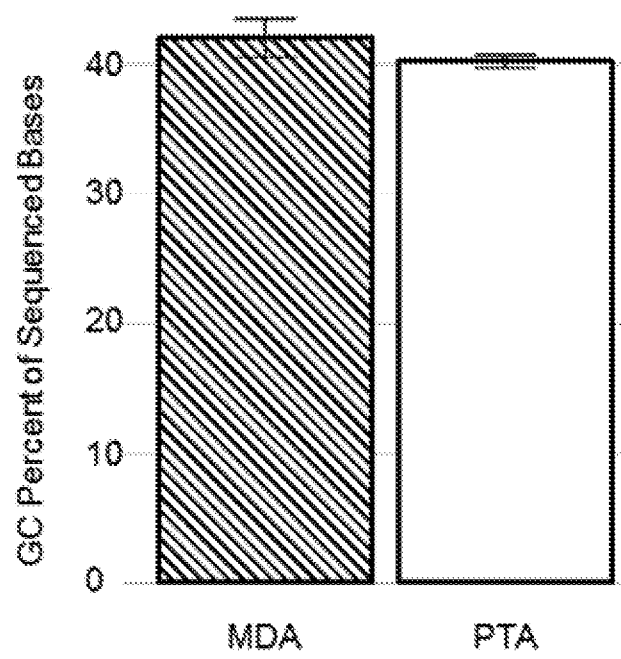


FIG. 2B

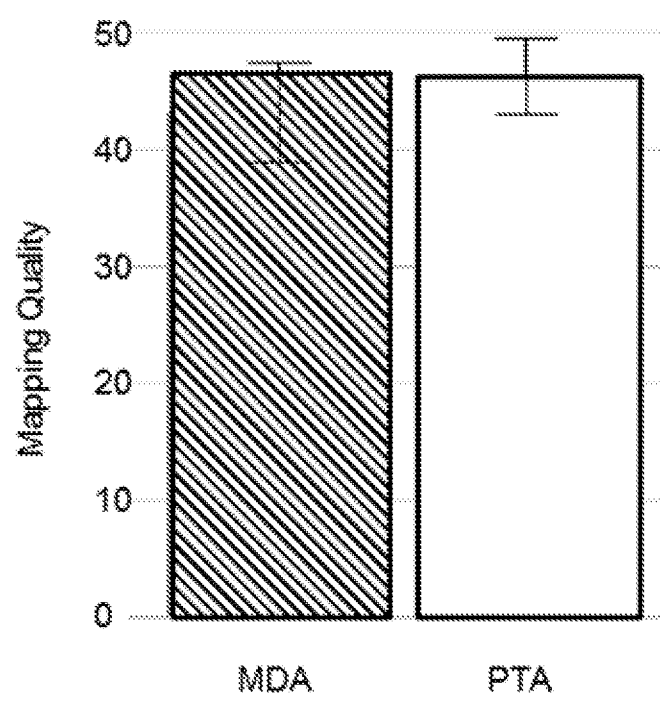
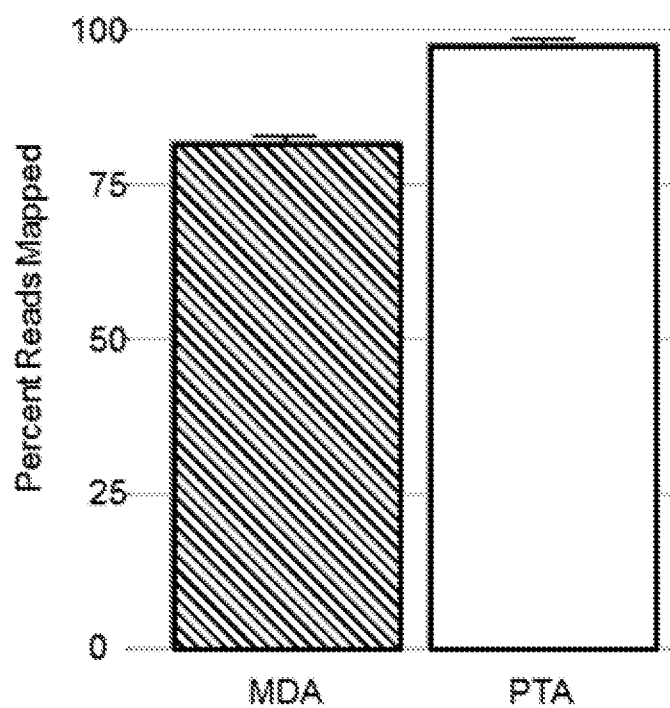
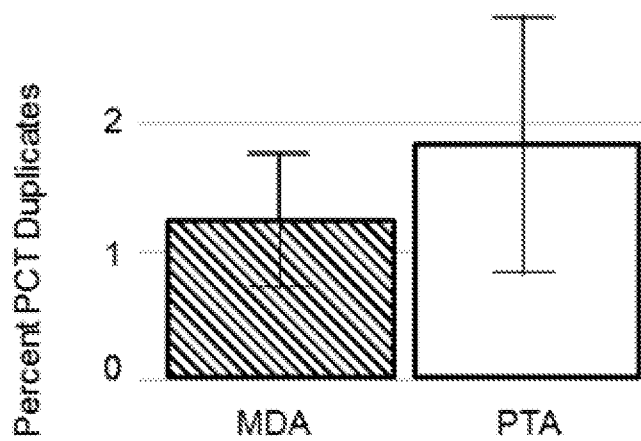
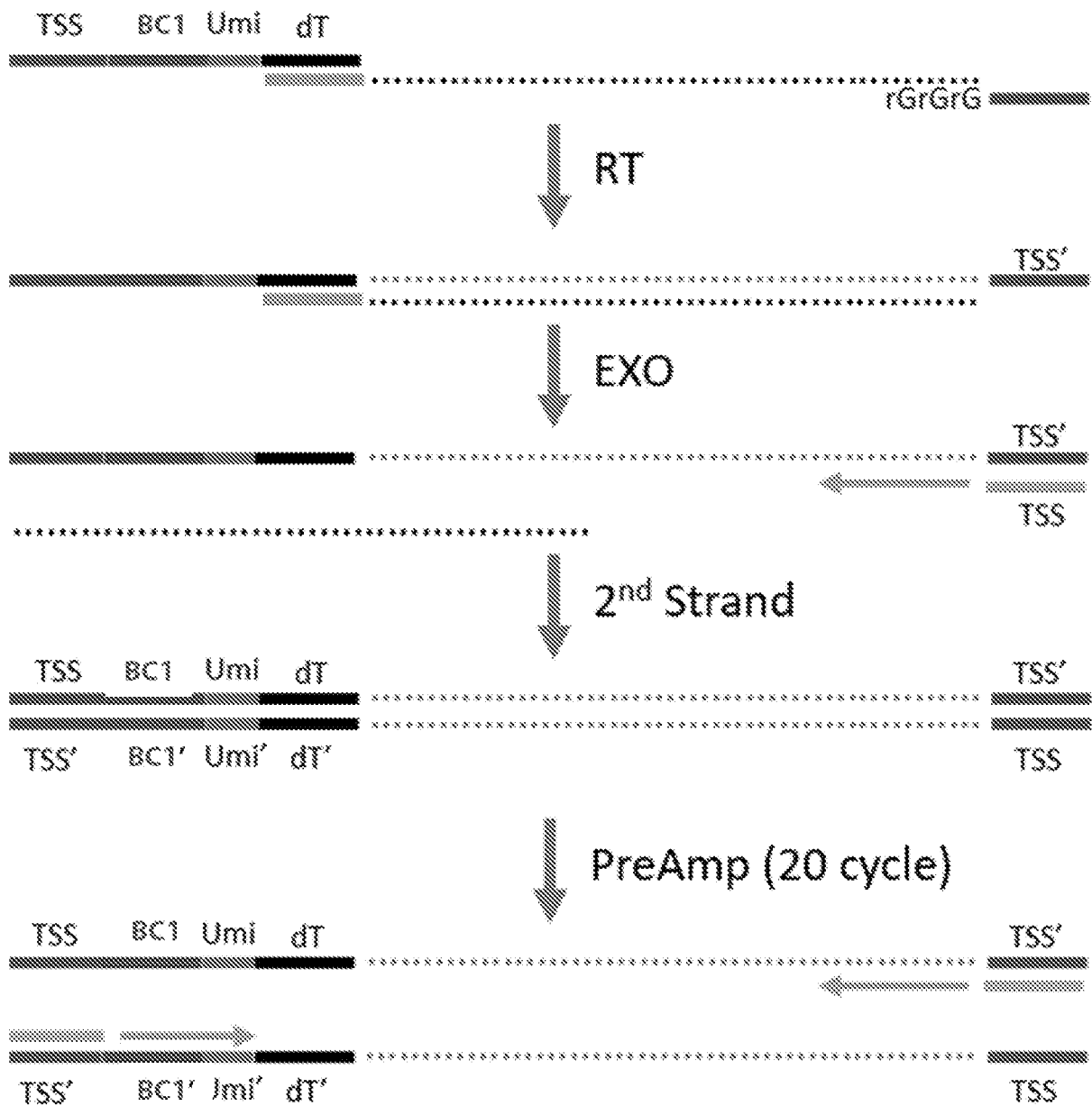


FIG. 2C

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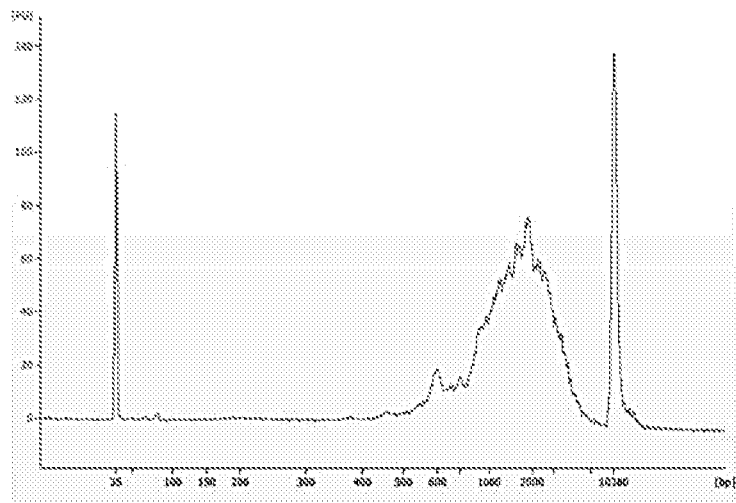
**FIG. 2D****FIG. 2E**

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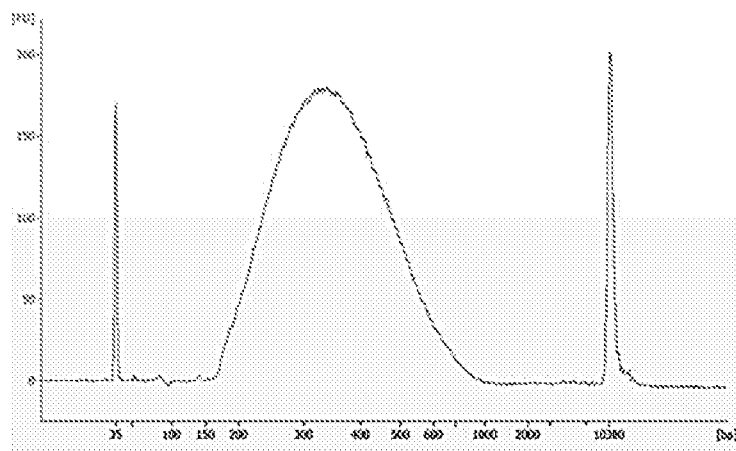
**FIG. 2F**

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cDNA pool from RT chemistry

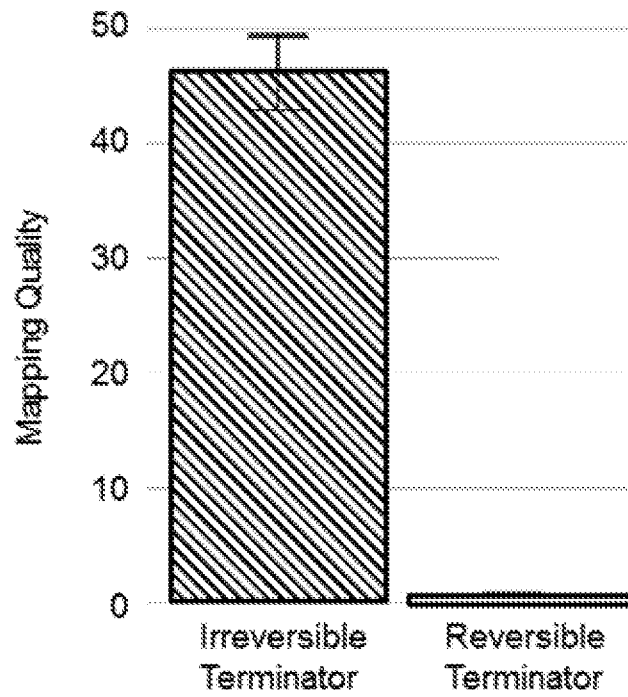
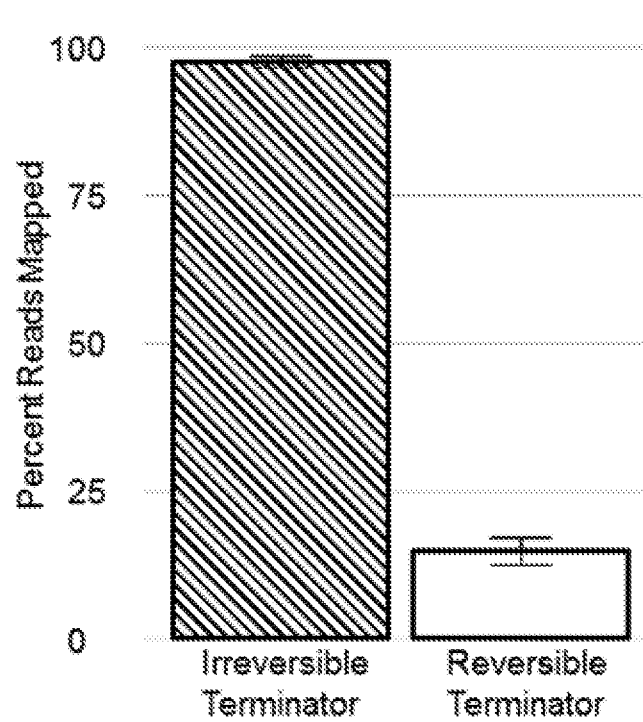


Library creation



Library from Transposon based prep (nextera XT)

FIG. 2G

**FIG. 3A****FIG. 3B**

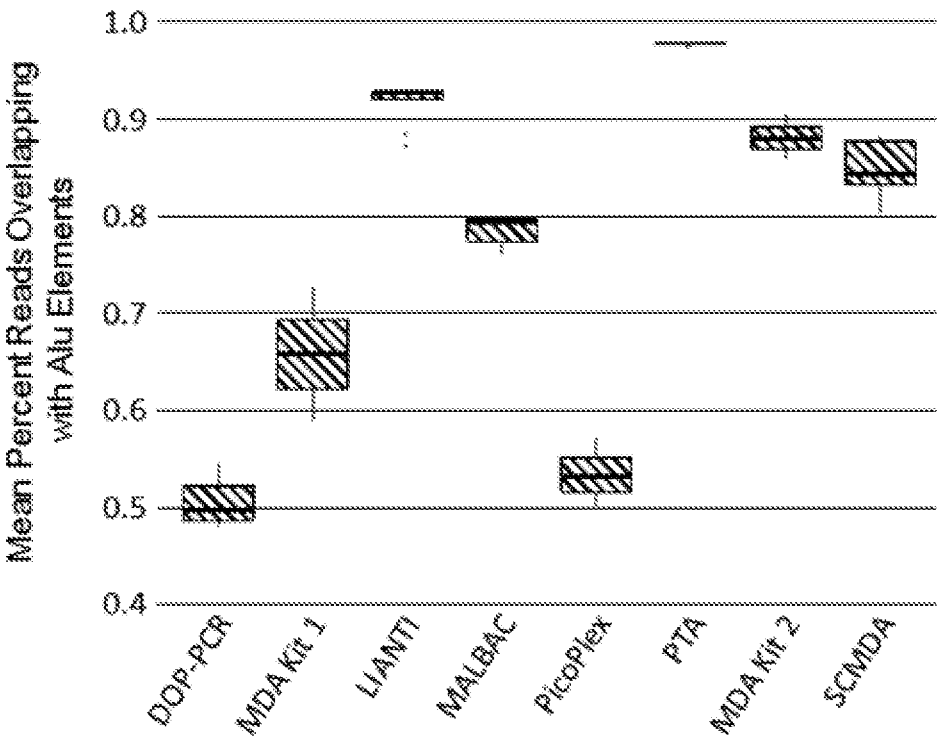


FIG. 3C

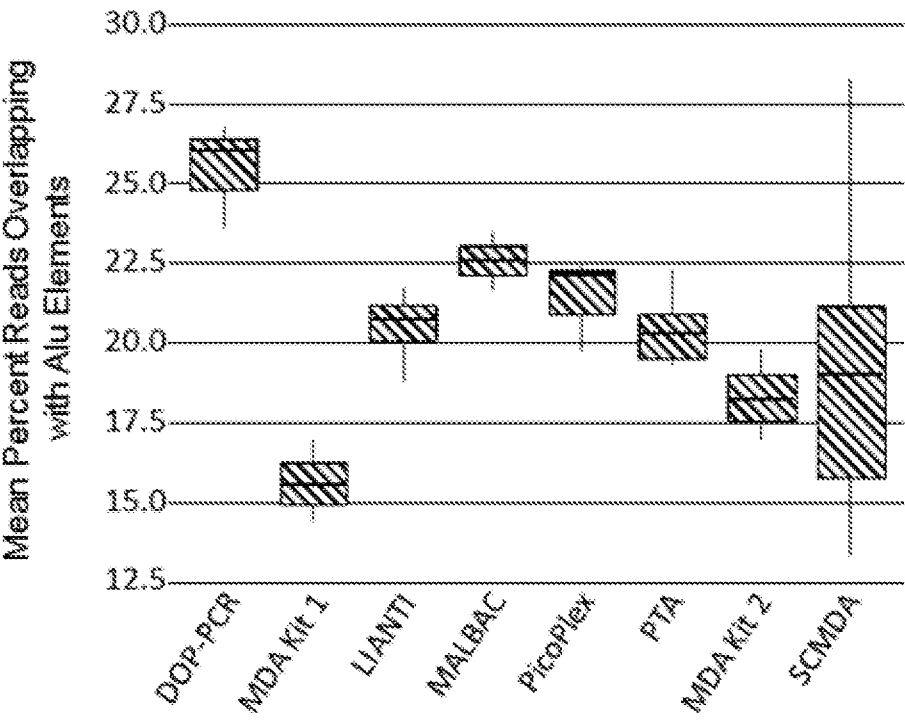


FIG. 3D

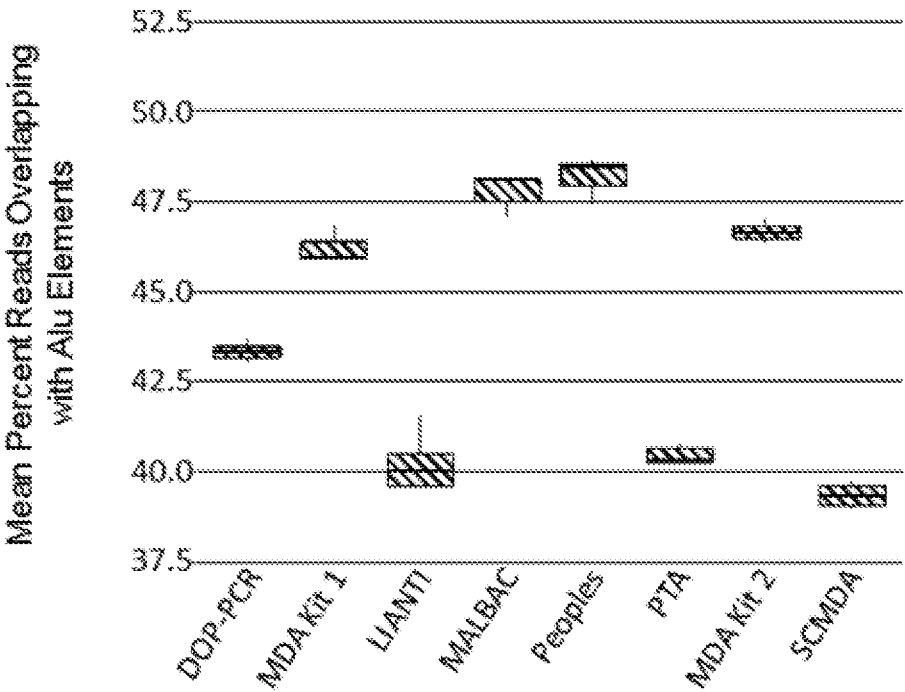


FIG. 3E

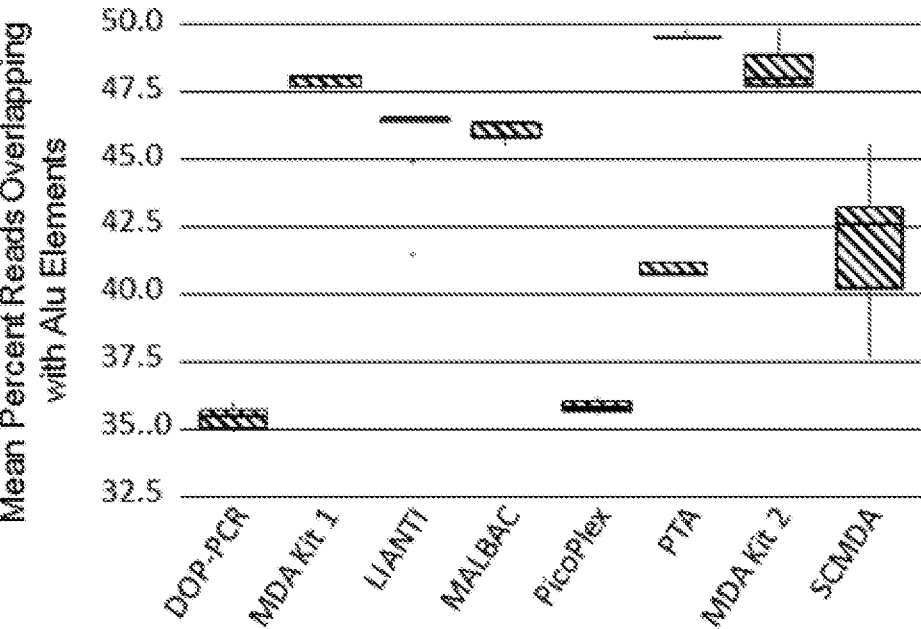


FIG. 3F

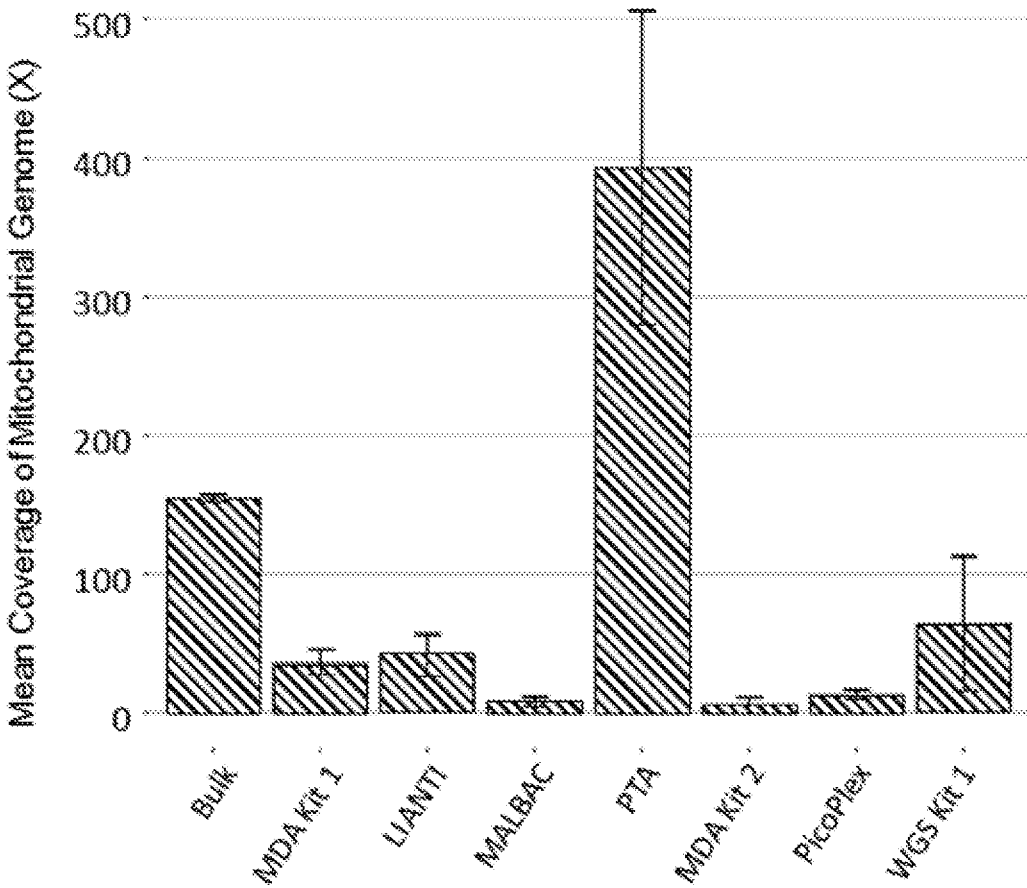


FIG. 3G

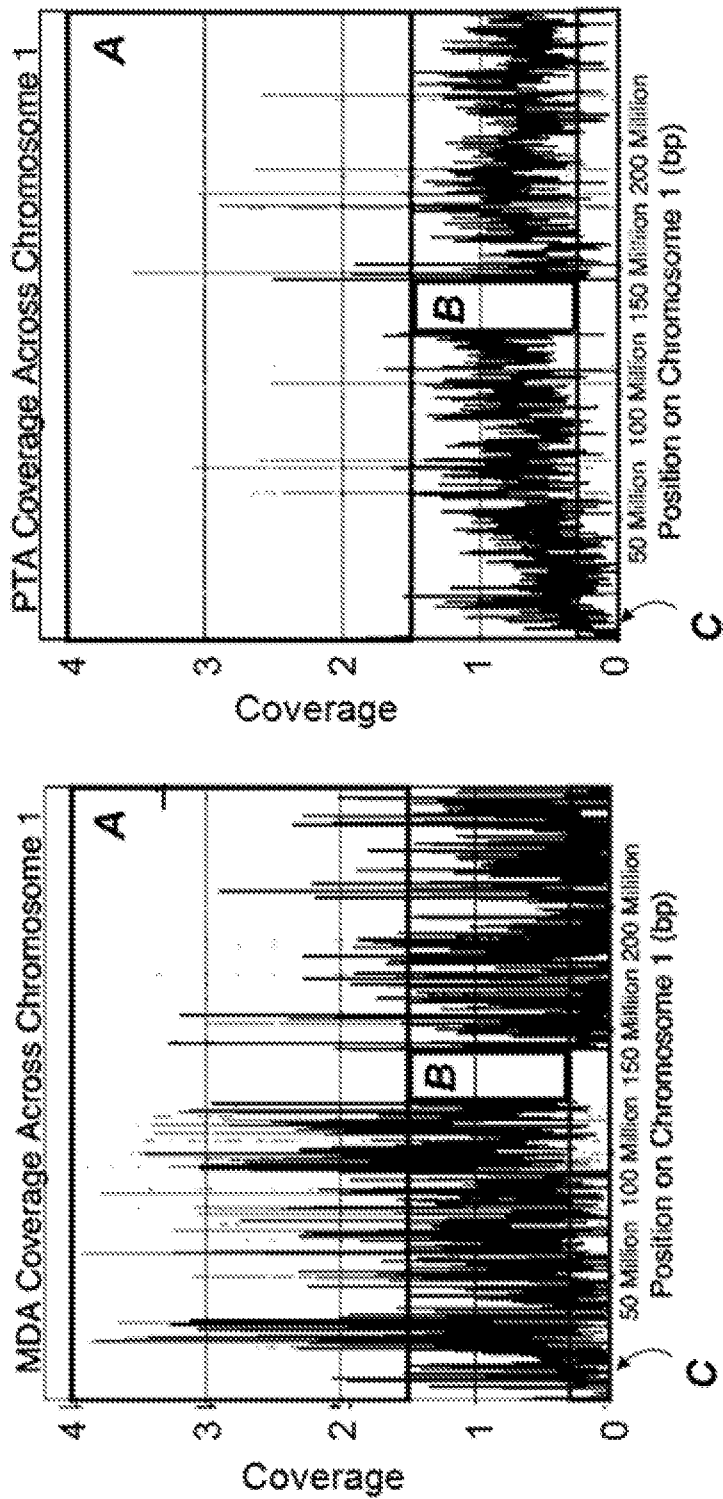


FIG. 4A

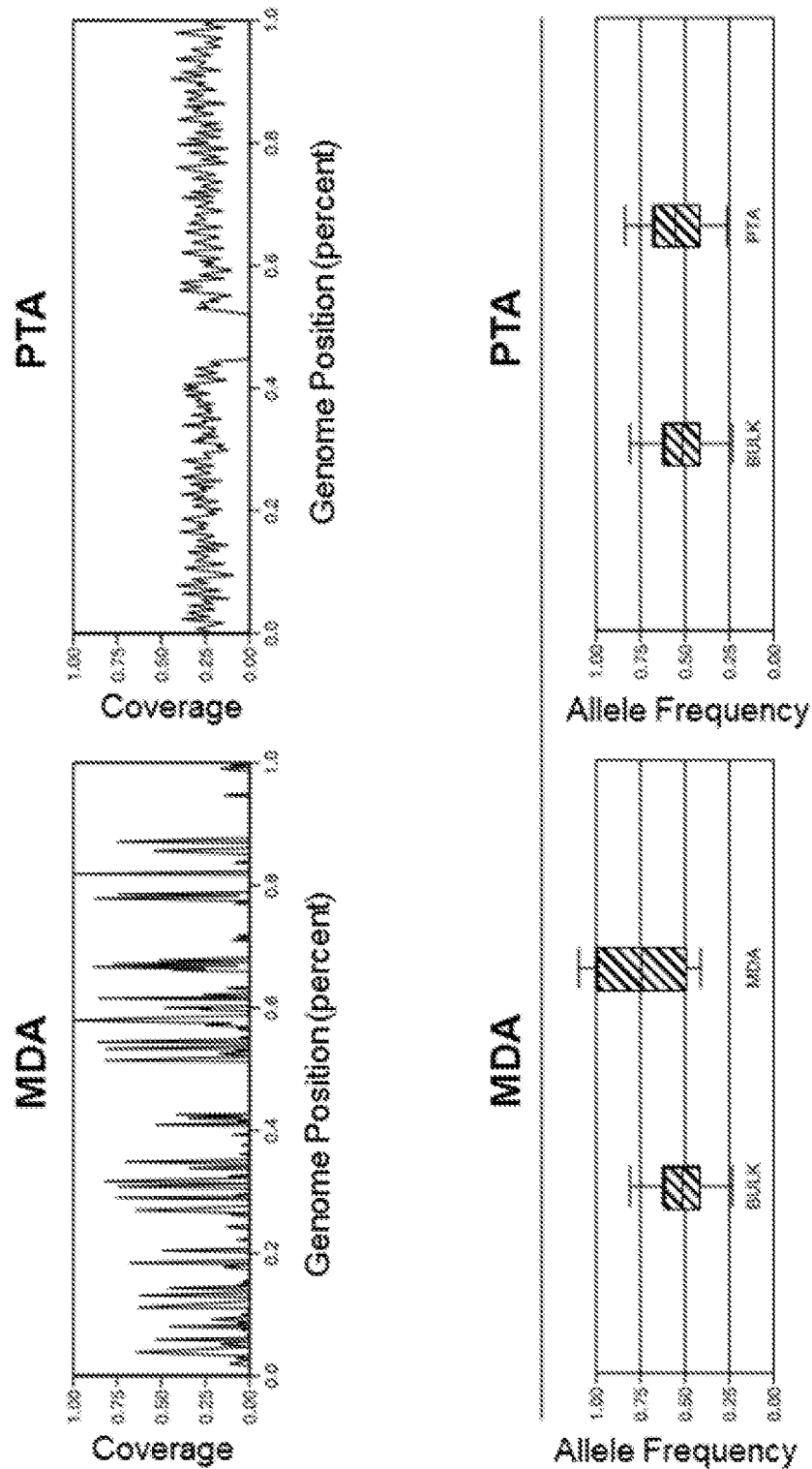
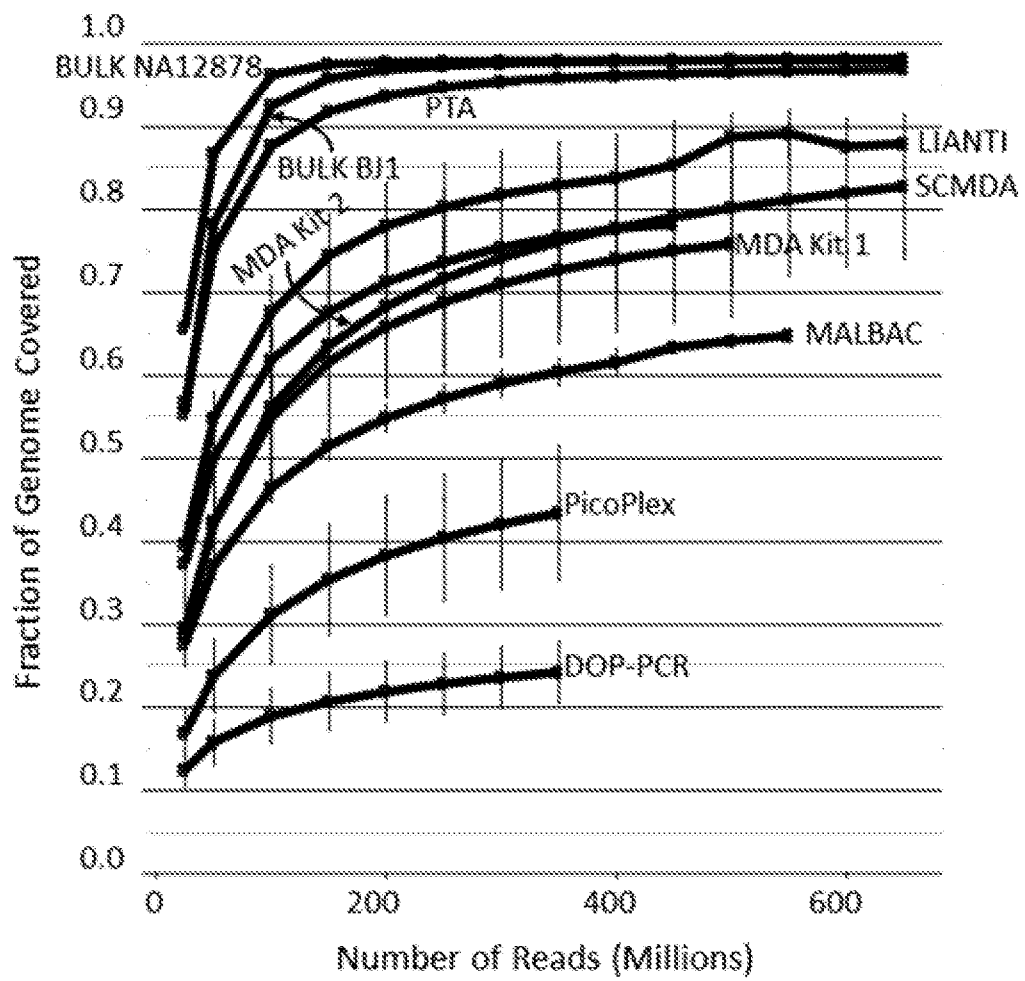
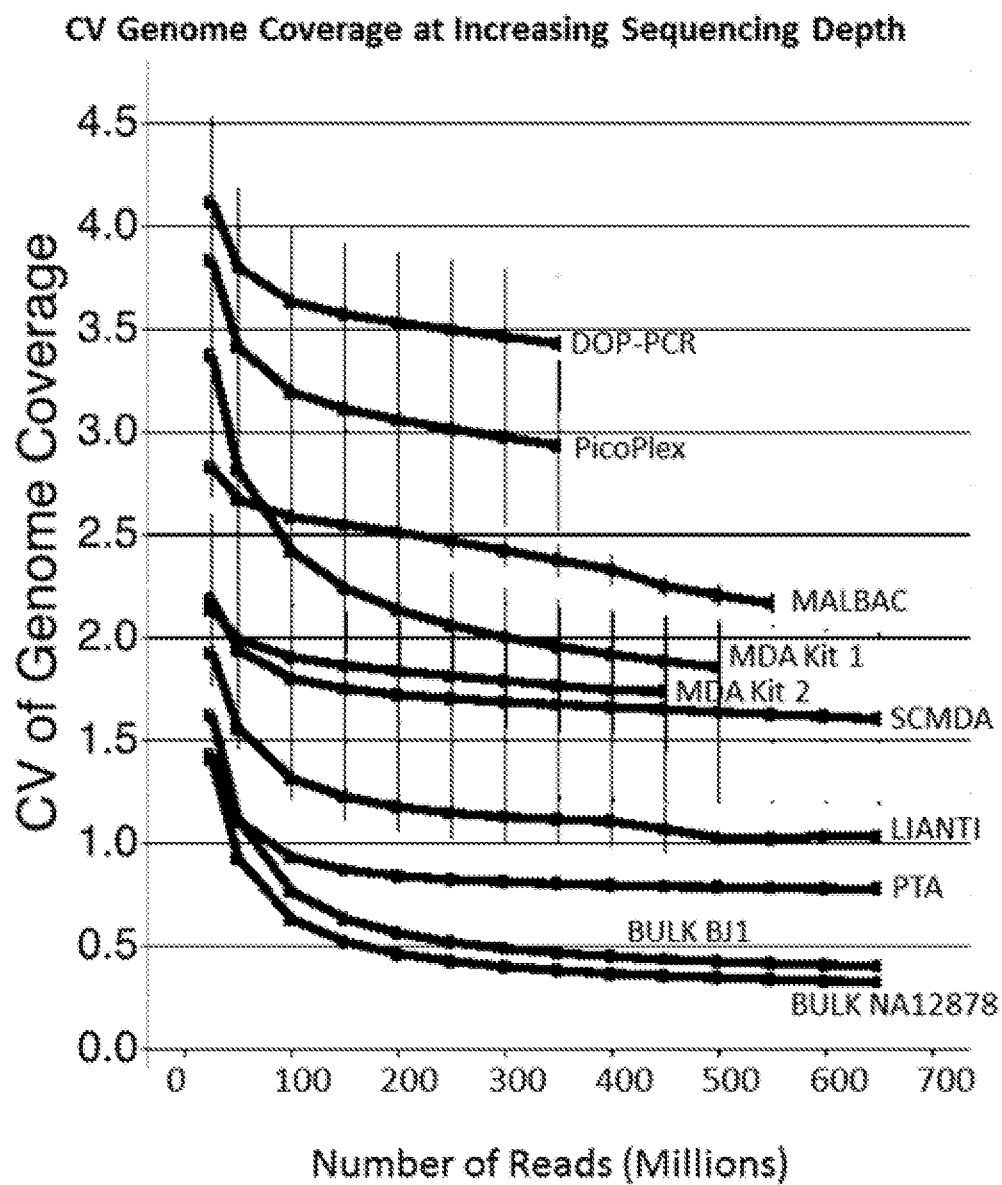


FIG. 4B

**FIG. 5A**

**FIG. 5B**

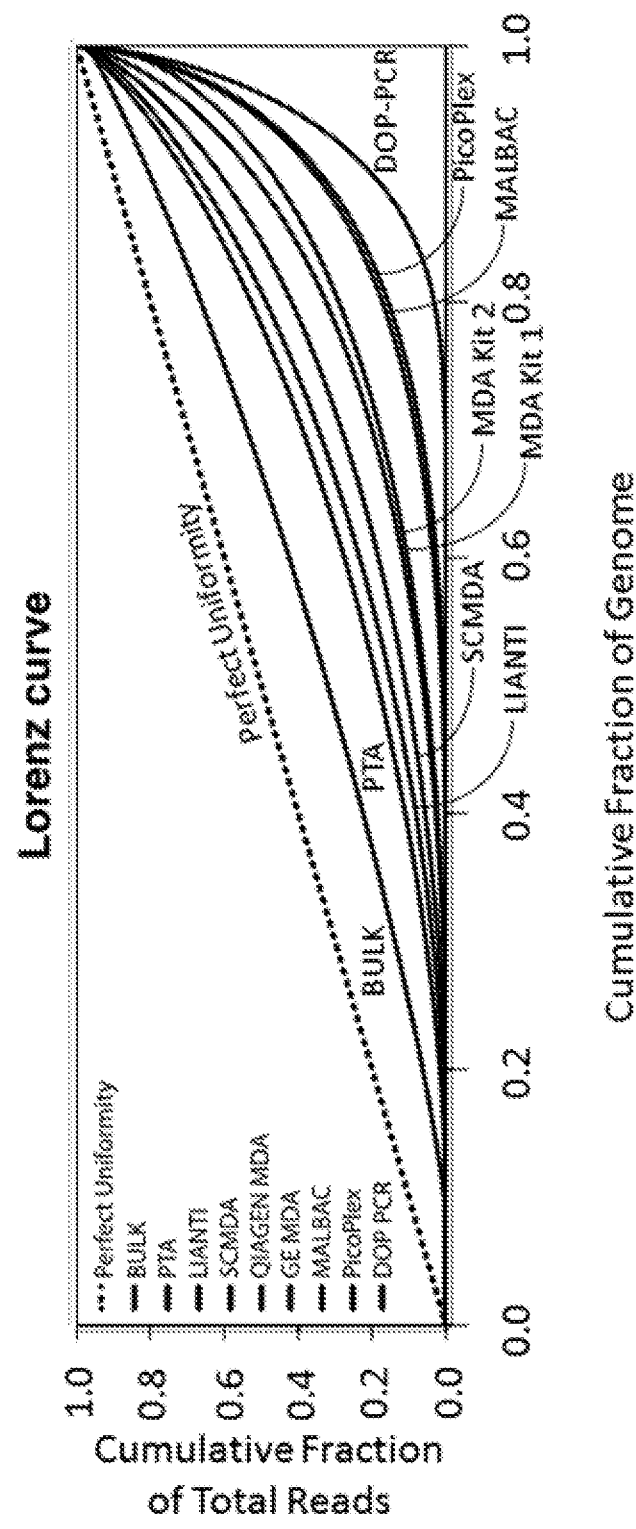


FIG. 5C

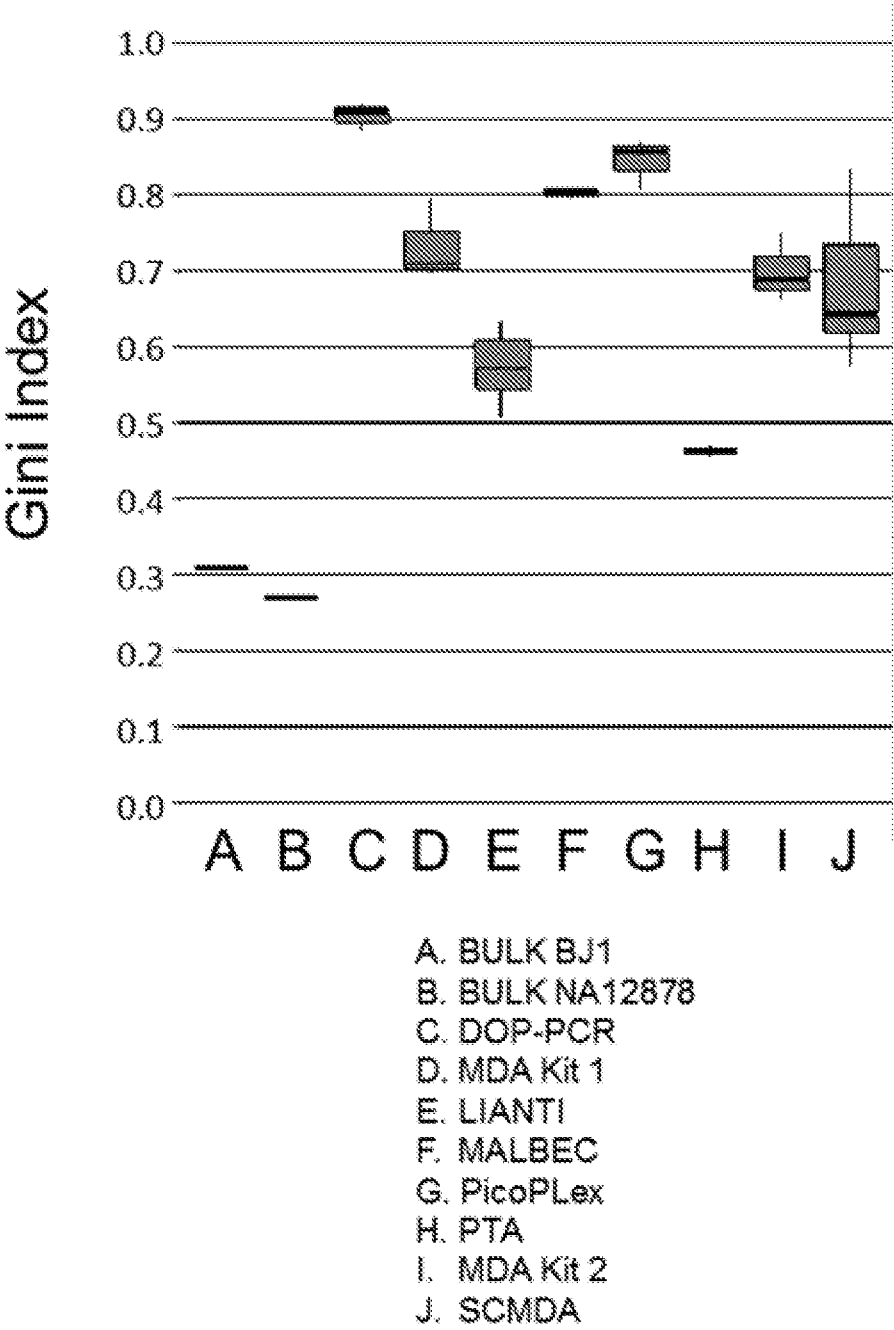
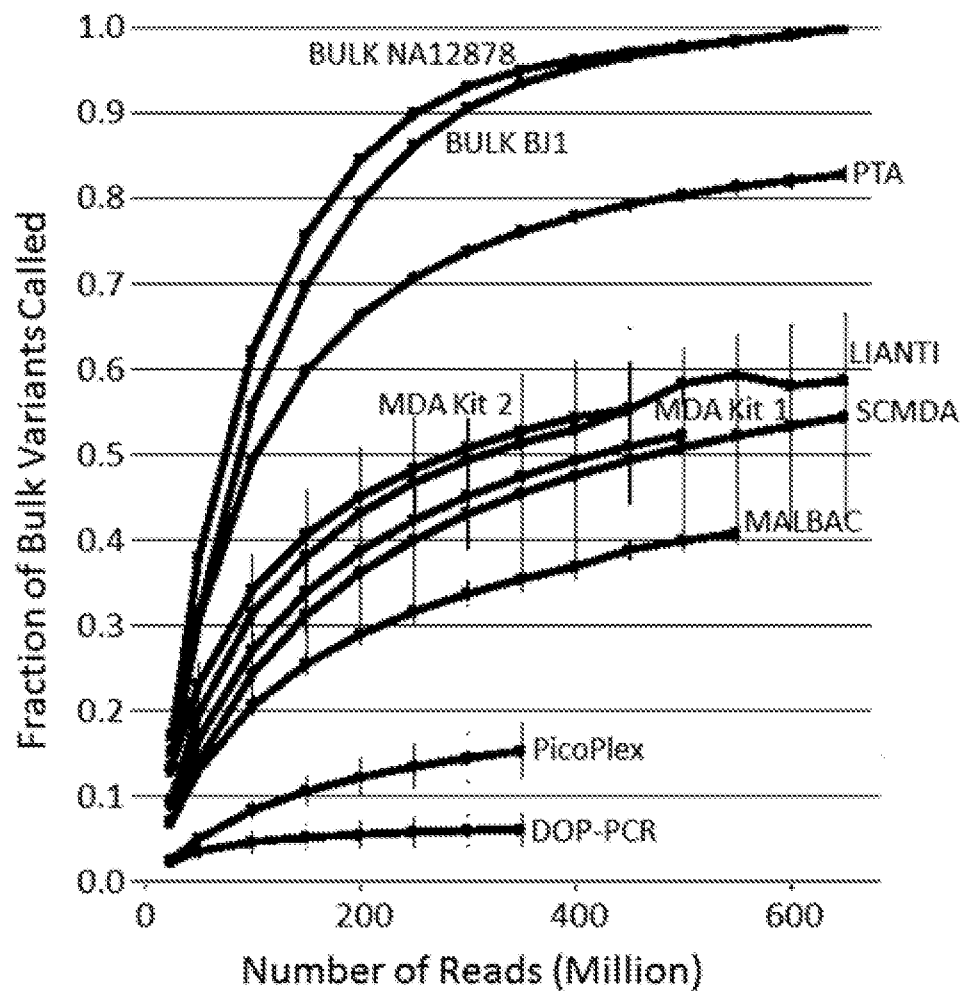


FIG. 5D

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**FIG. 5E**

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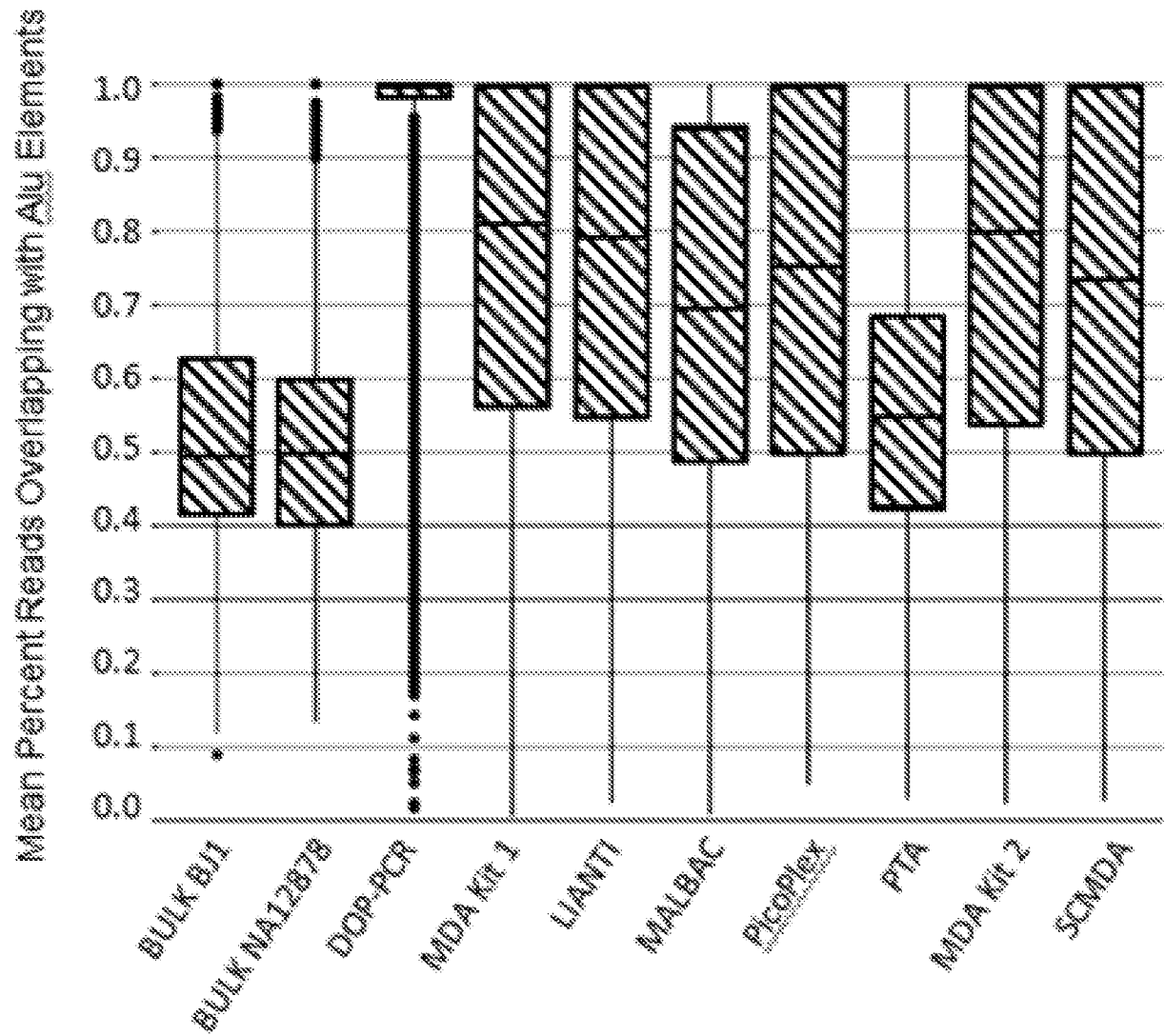
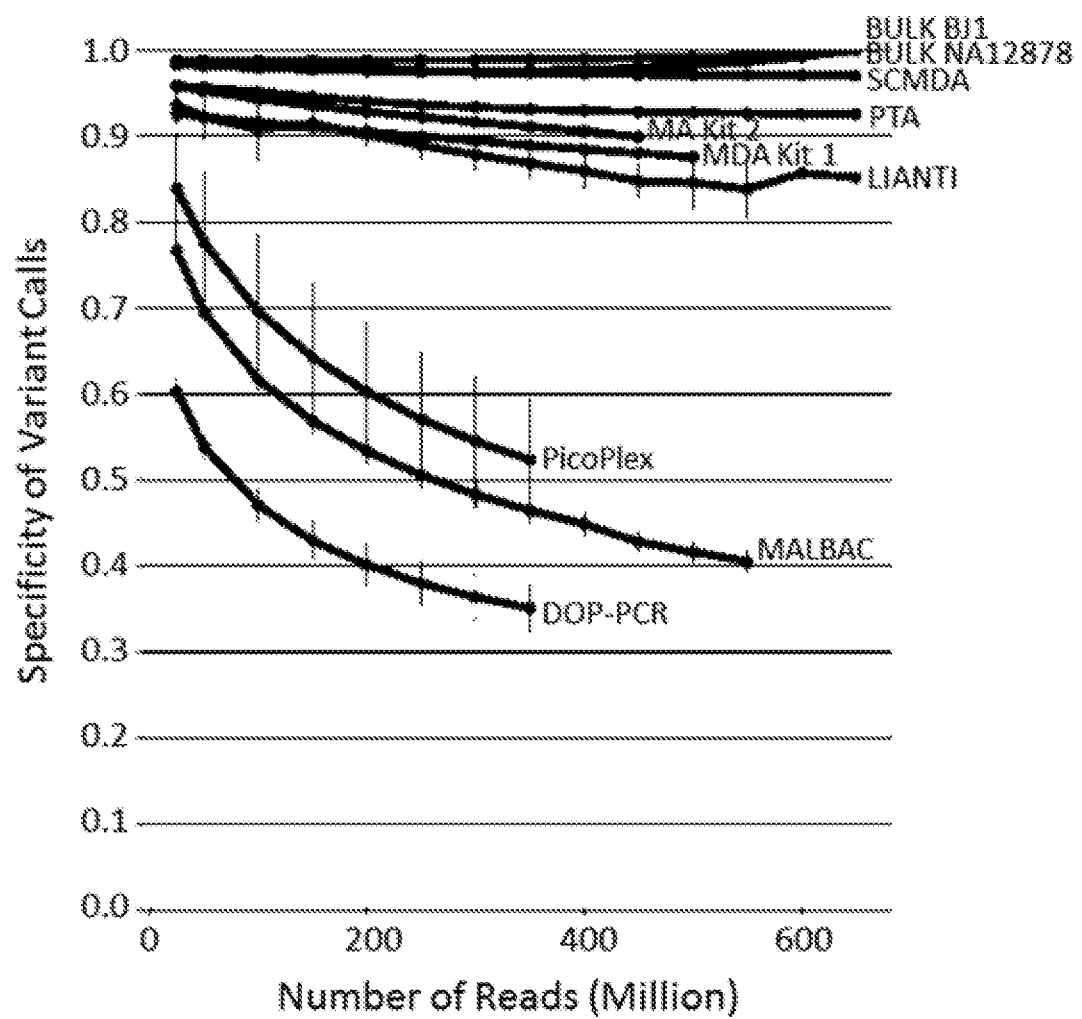


FIG. 5F

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**FIG. 5G**

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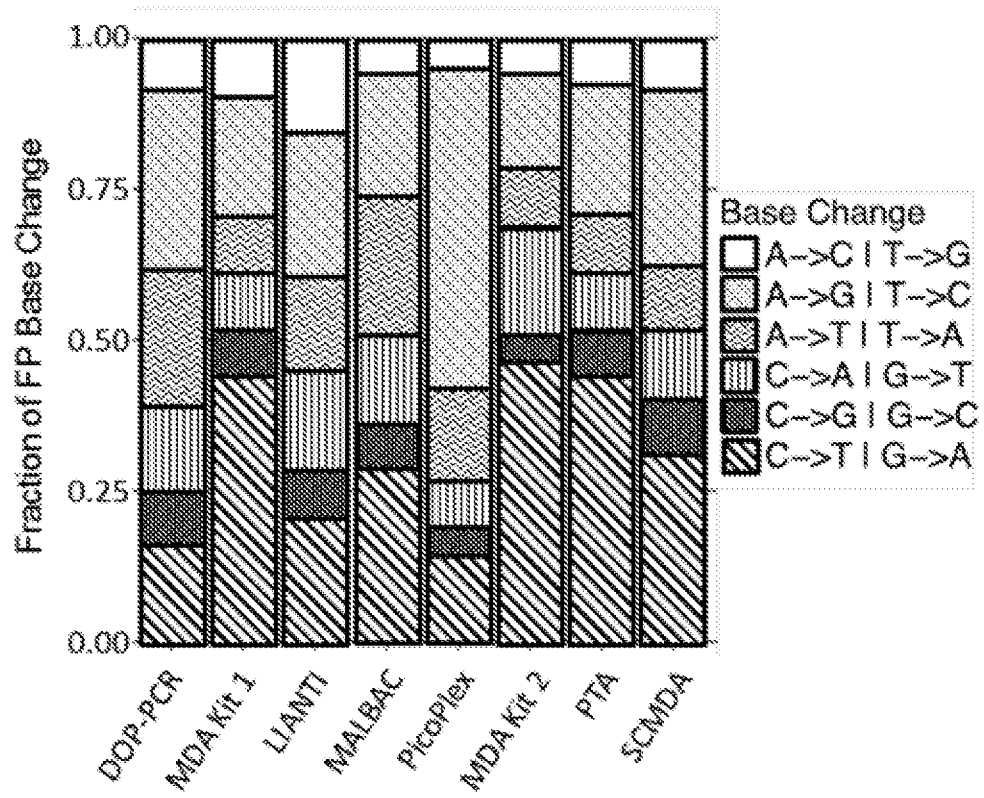


FIG. 5H

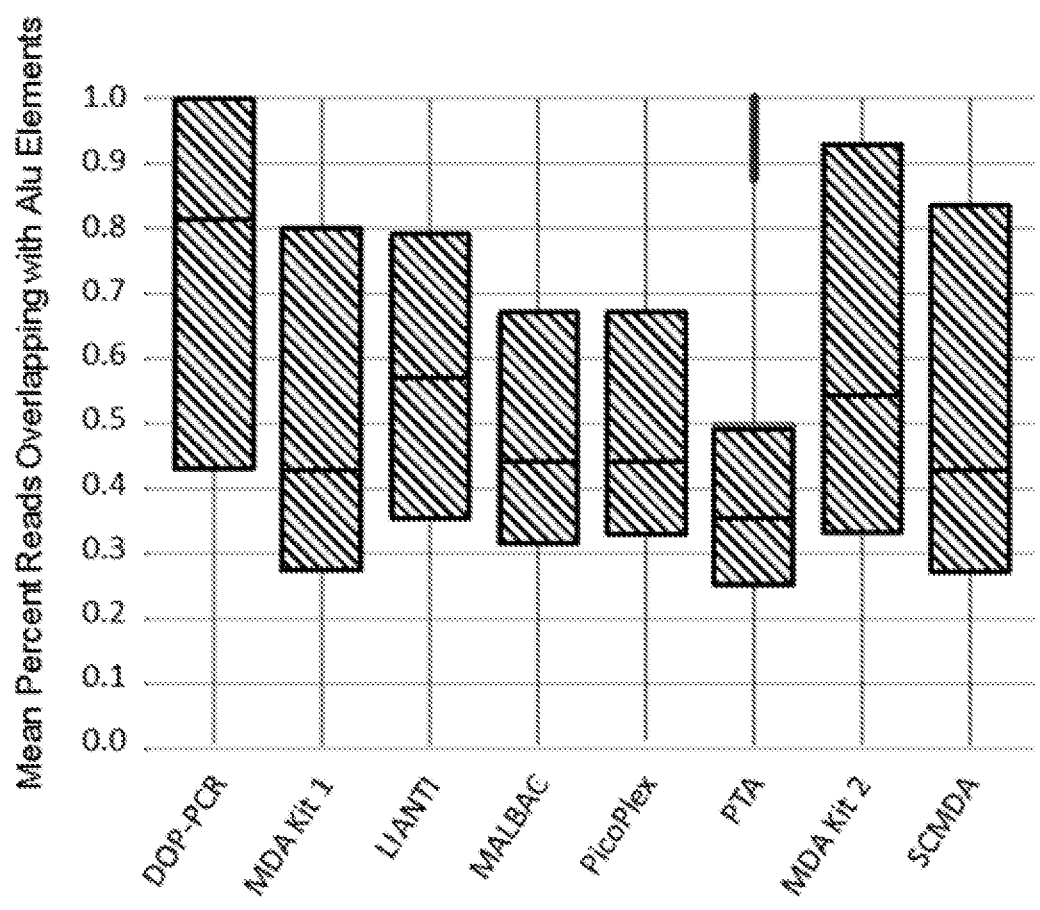


FIG. 5I

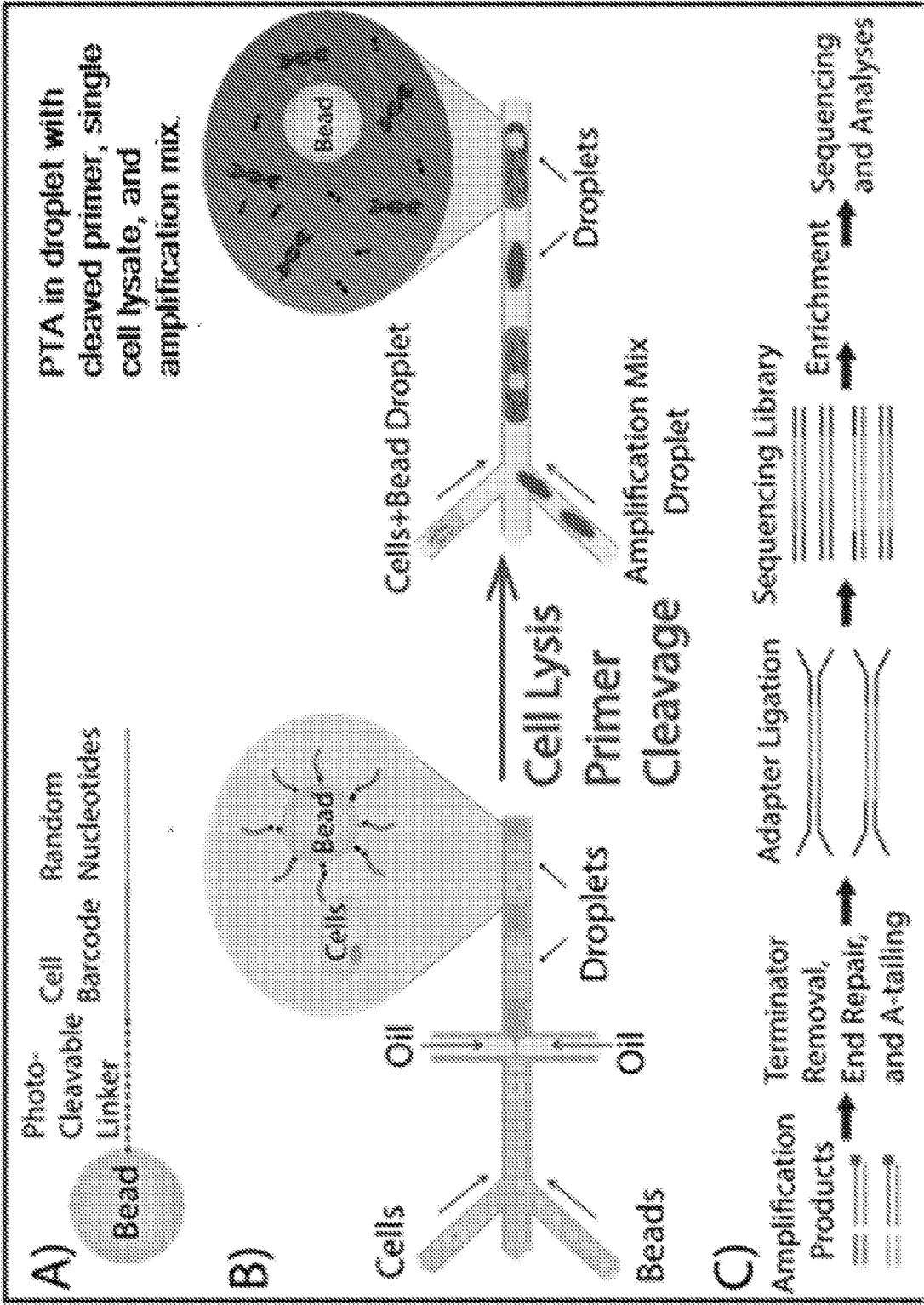


FIG. 6

Method for multi-omic analysis of Single cells - using PTA

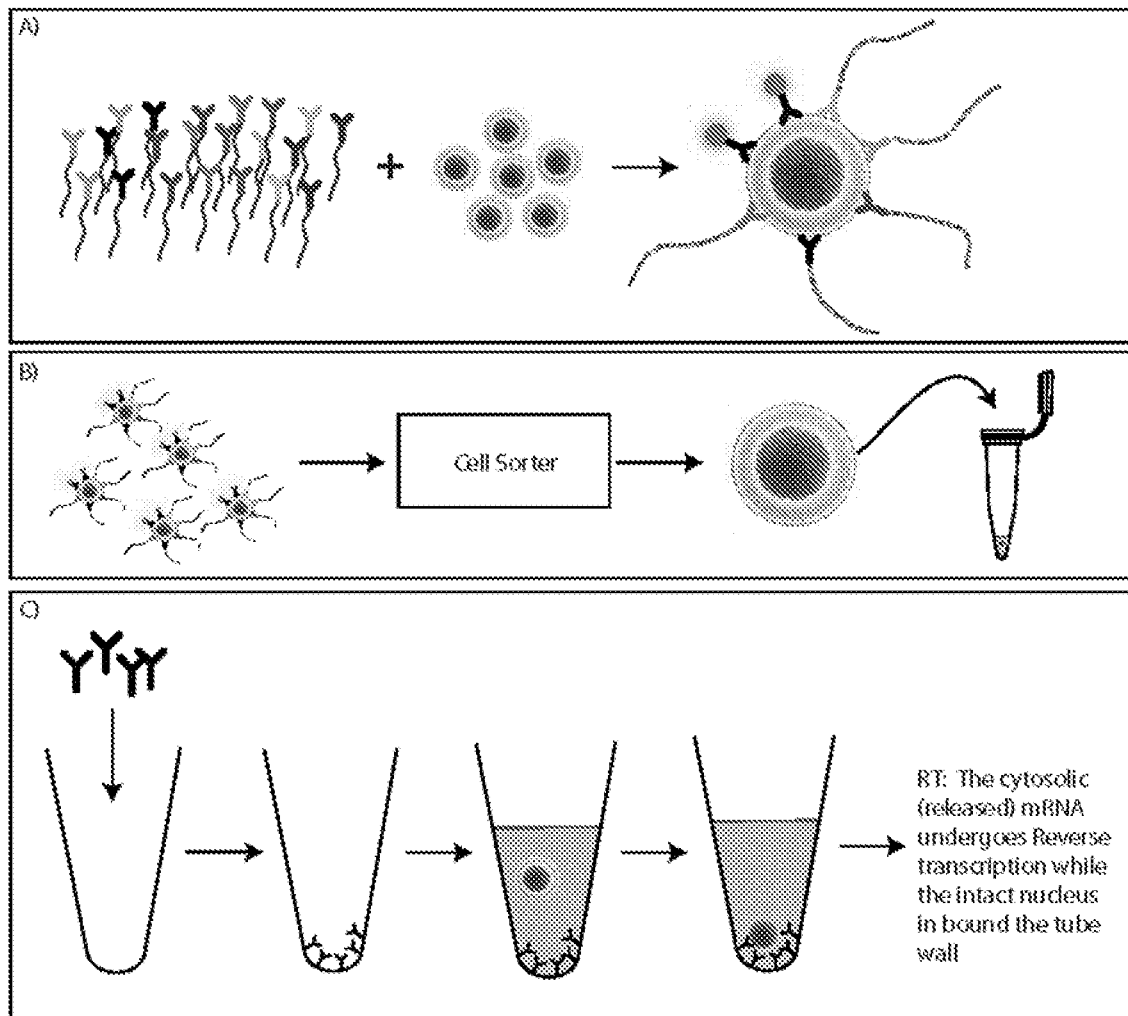


FIG. 7A

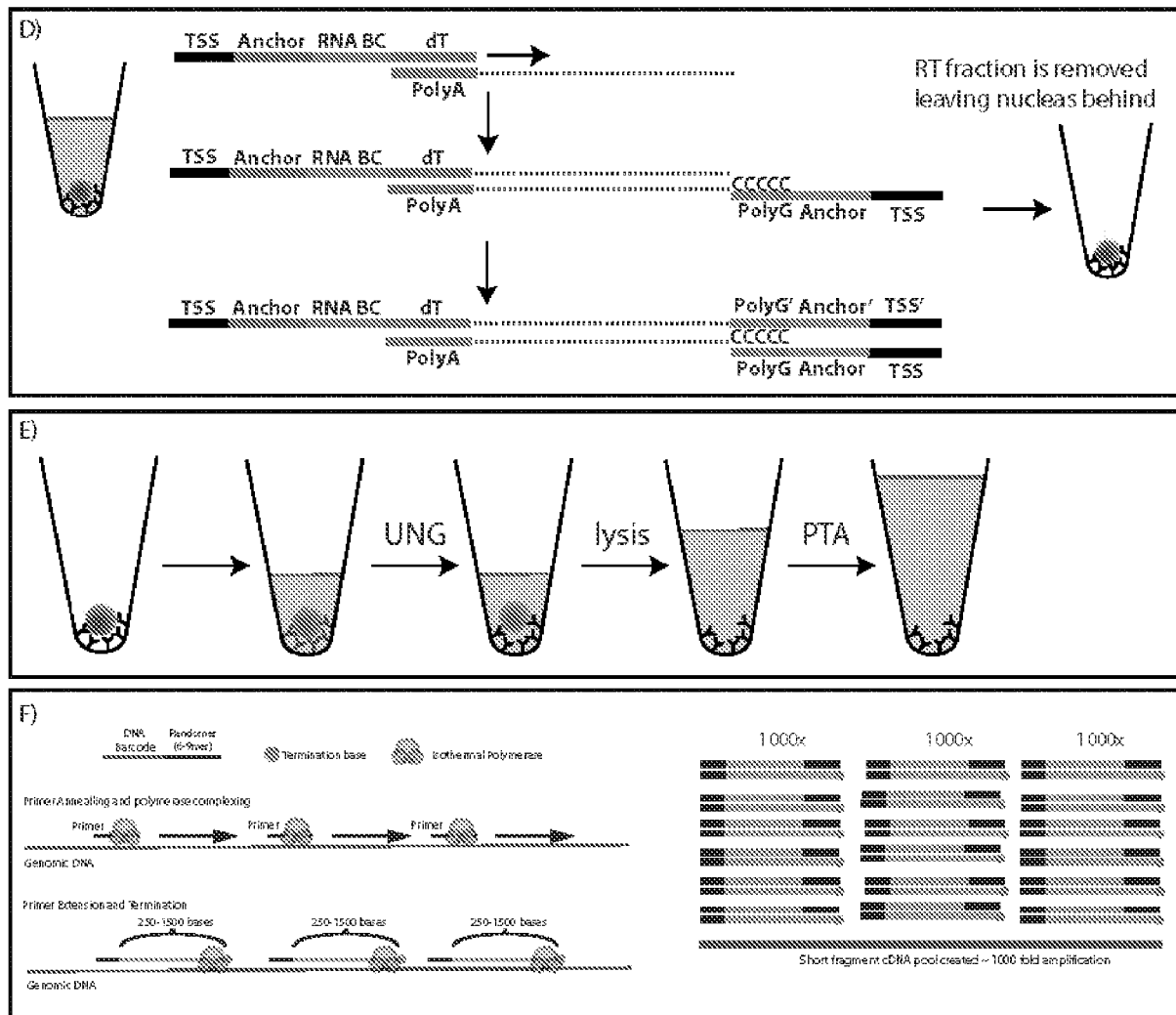


FIG. 7B

RT and PreAmp

RT Barcode OligodT Primer

TGTCGTTGTTGTCGGCCTTCTCTGGAAGCAGTGGTATCAACGCAGAGTACGGACGTTTCAGAGNNNNNNNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTN

SS Primer

AAGCAGTGGTATCAACGCAGAGT

Template Switch Oligo

/5BiosG/AAGCAGTGGTATCAACGCAGAGTACATrGrGrG

N701 Custom Oigo

CAAGCAGAAGACGGCATAACGAGATTCGCCTTAGTCGTGGGCTCGG
 P7 Adapter Read 2 primer Nextera Adapter

Library PCR primer 1

AATGATACGGCGACCACCGAGATCTACACGCCTGTCCGCGGAAGCAGTGGTATCAACGCAGAGTAC
 P5 Adapter Read 1 primer Template switch

Library PCR primer 1 v2

AATGATACGGCGACCACCGAGATCTACACGCCTGTCCGCGGAAGCAGTGGTATCAACGCAGAGTACGG
 P5 Adapter Read 1 primer Template switch

FIG. 8A

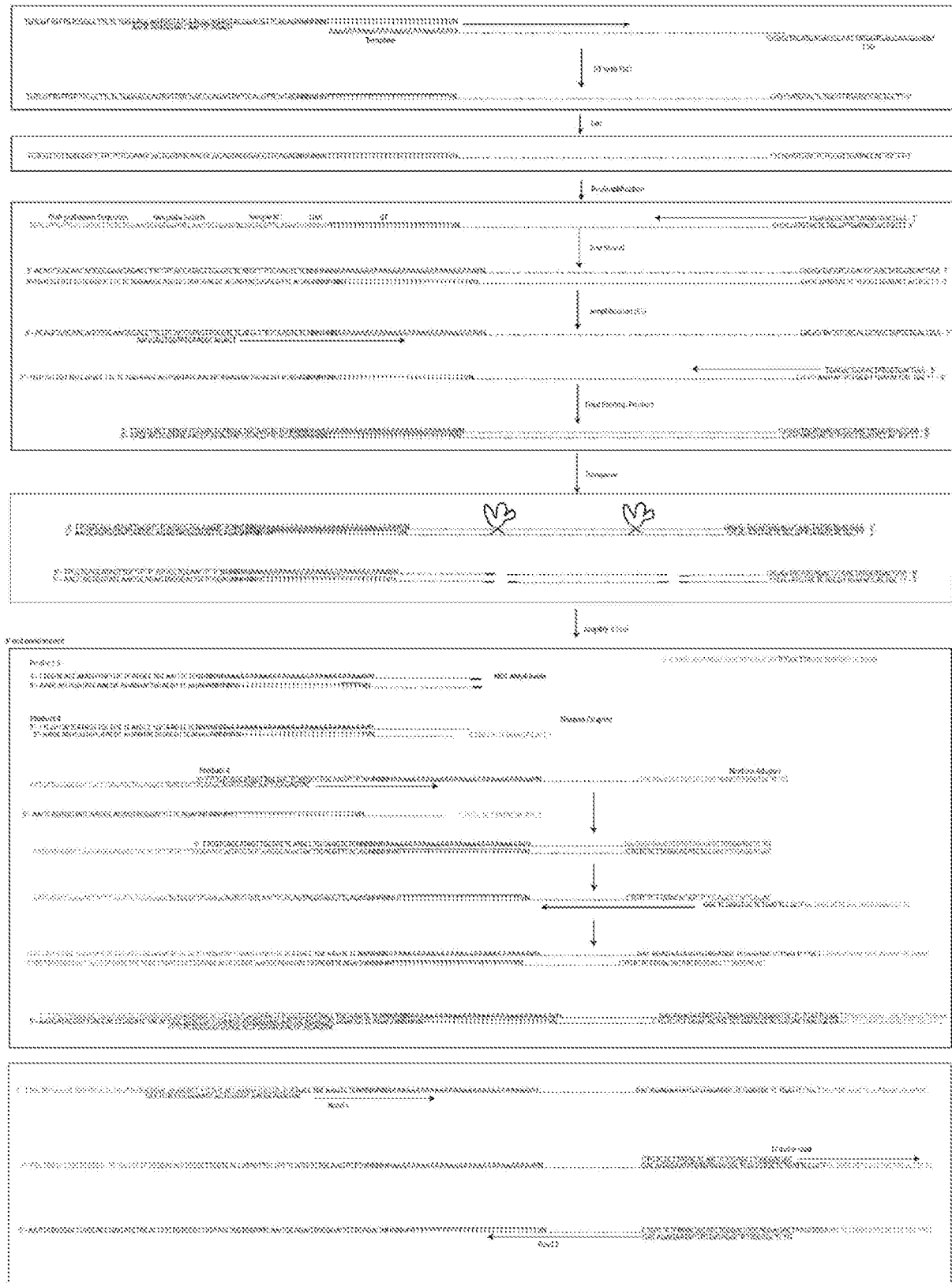


FIG. 8B

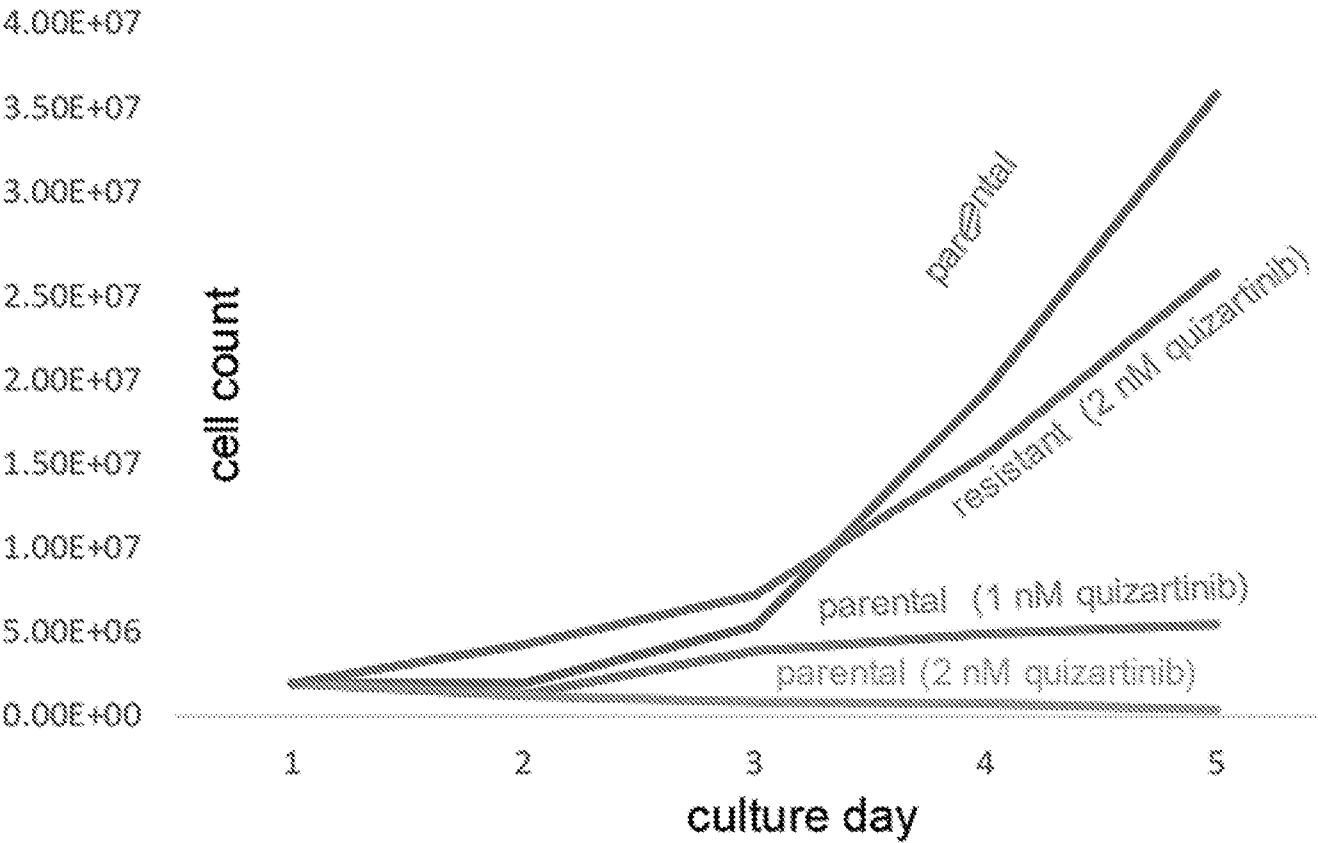


FIG. 9A

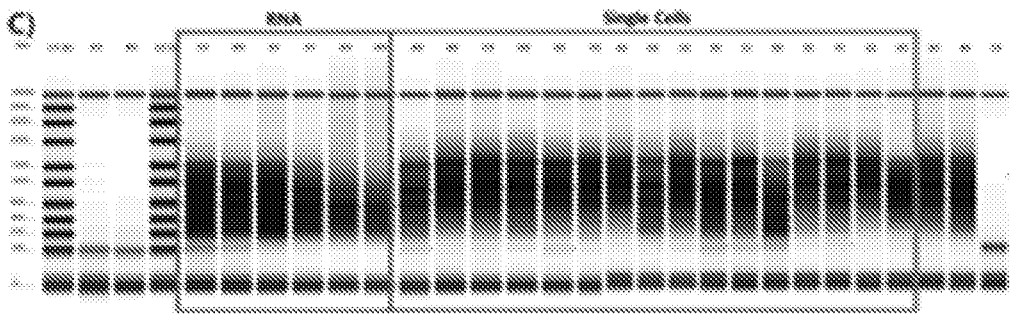


FIG. 9B

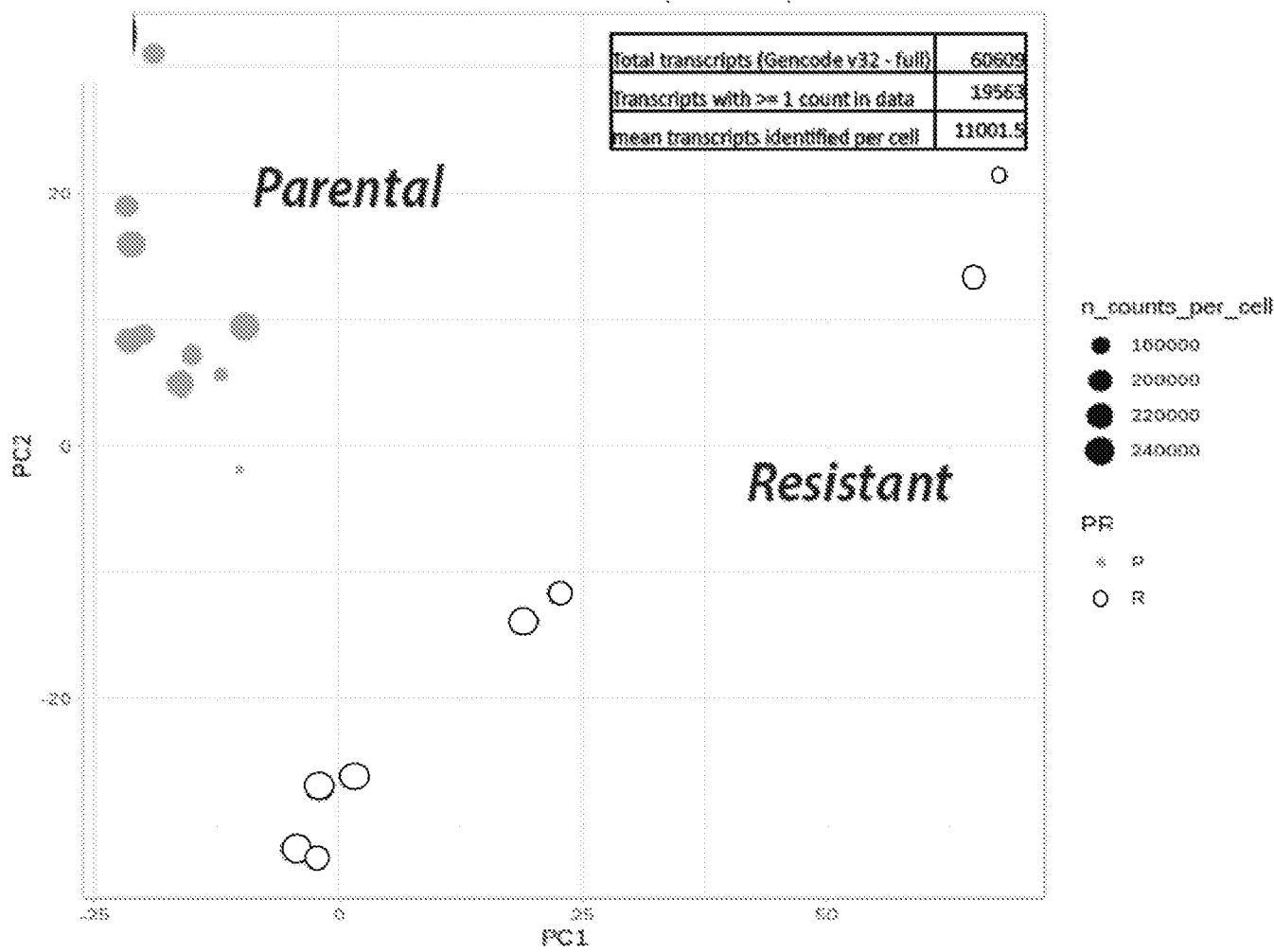


FIG. 9C

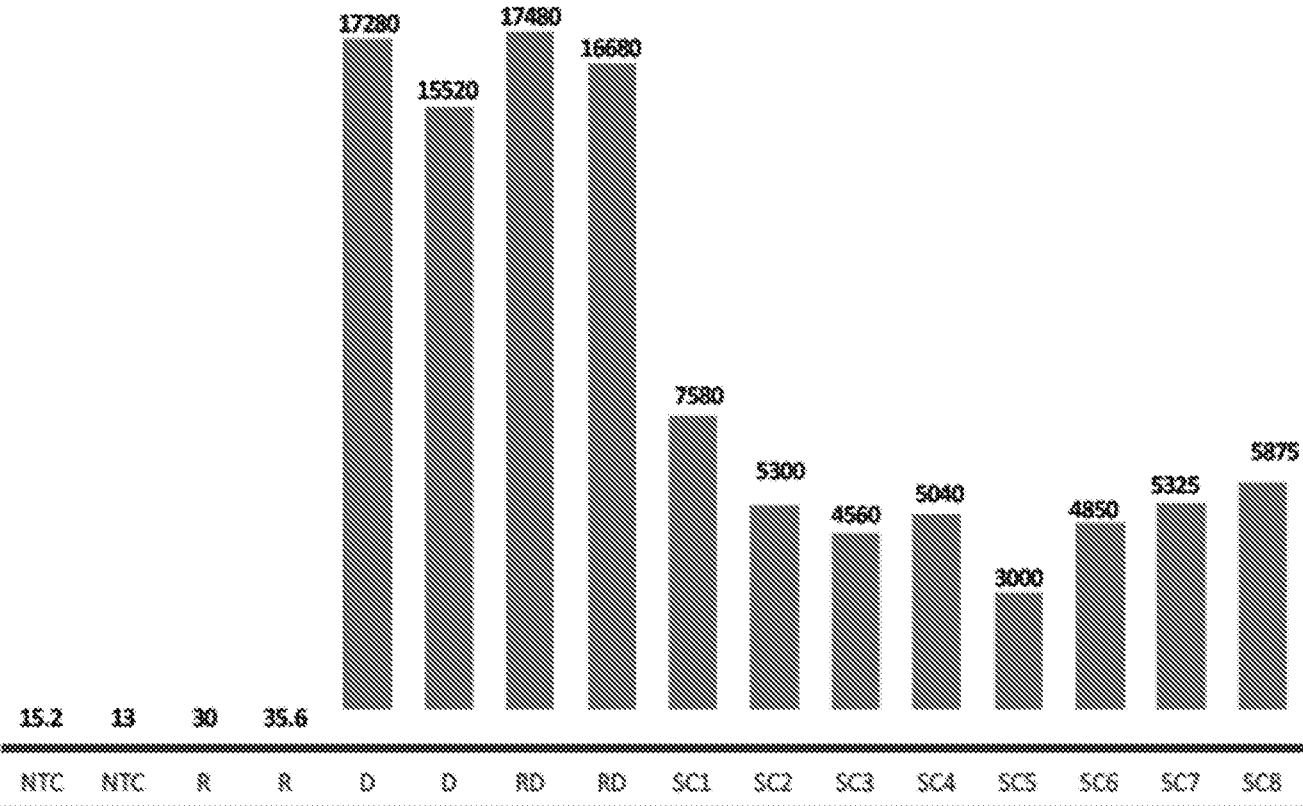


FIG. 9D

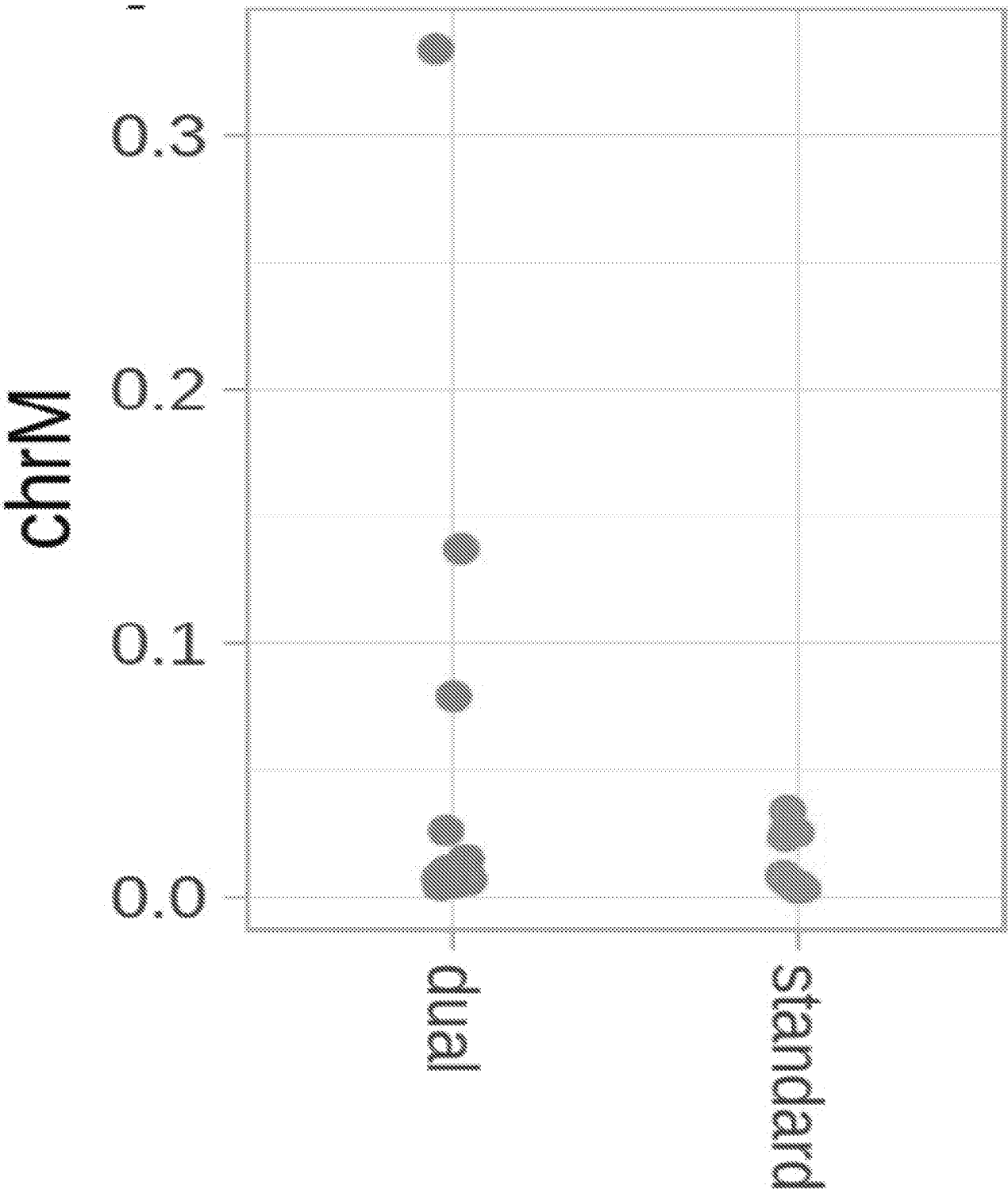


FIG. 10A

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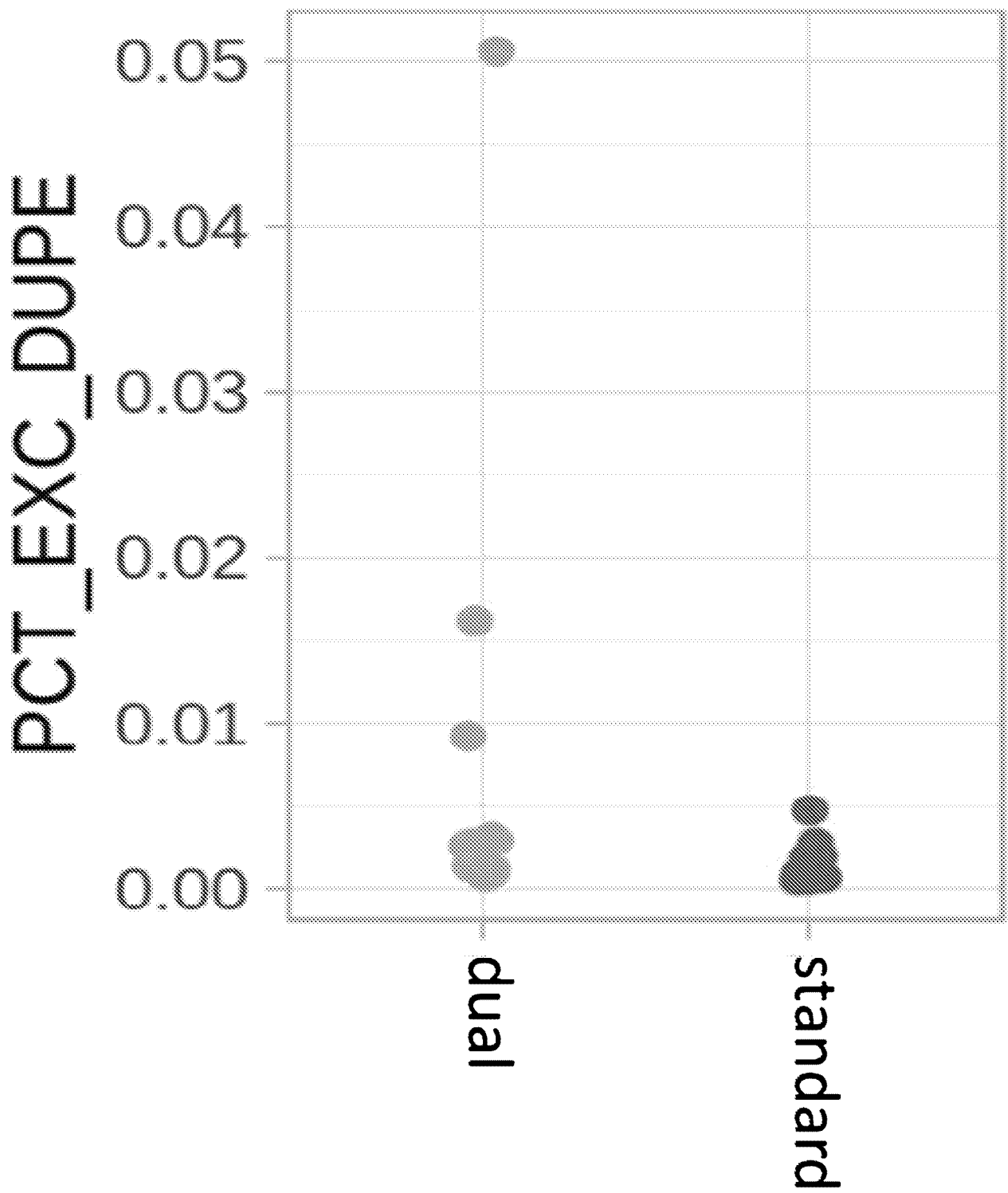


FIG. 10B

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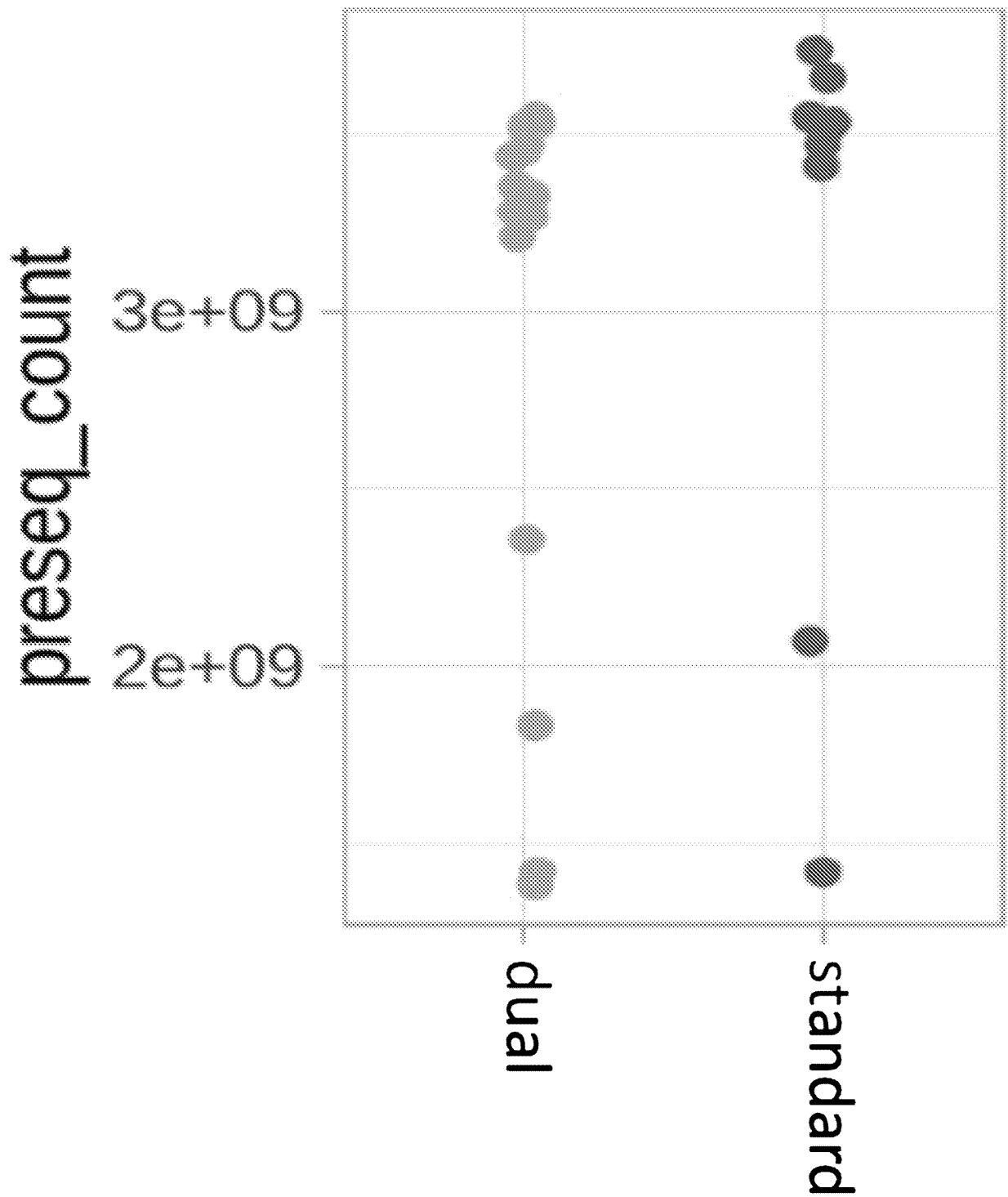


FIG. 10C

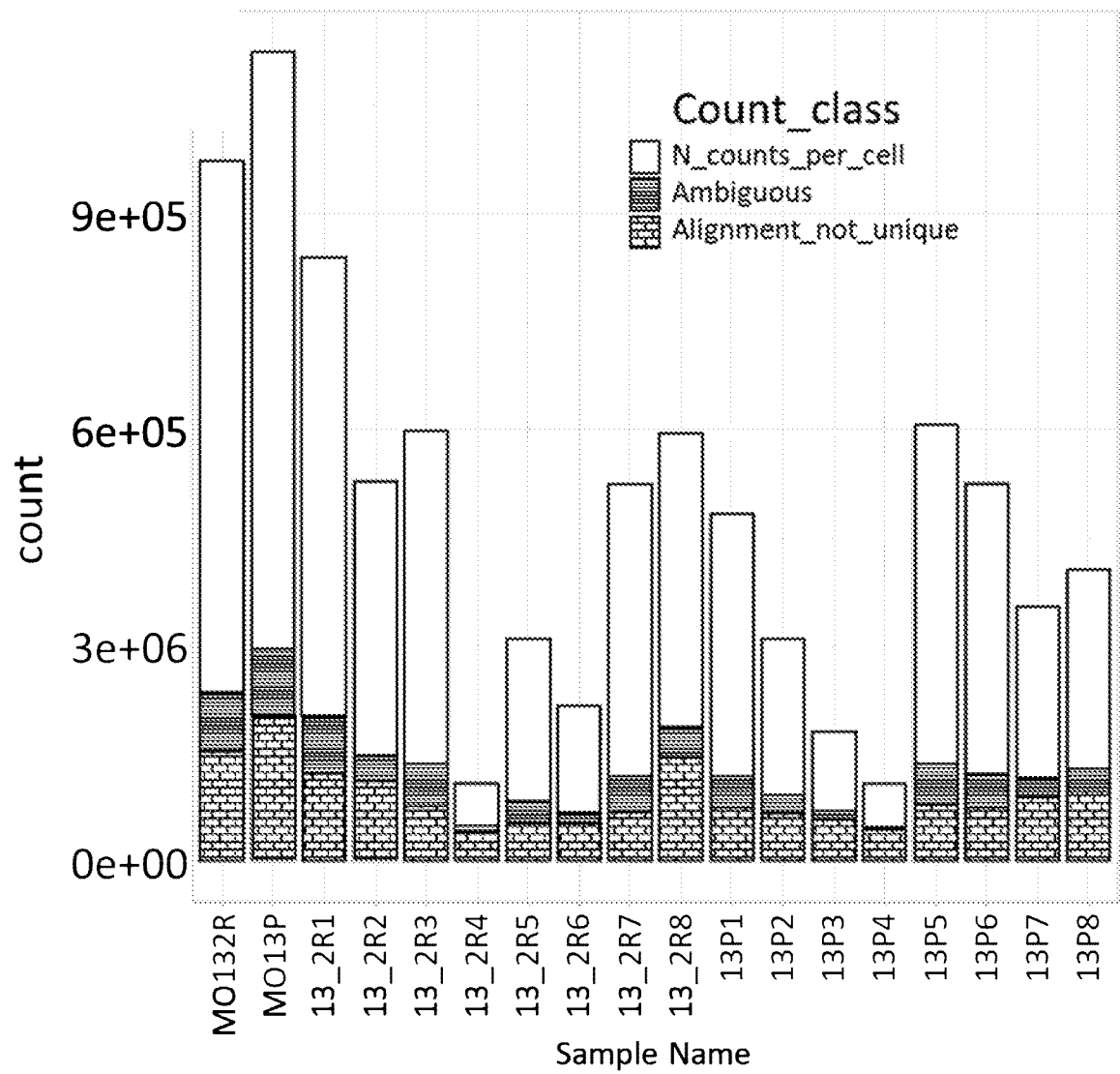
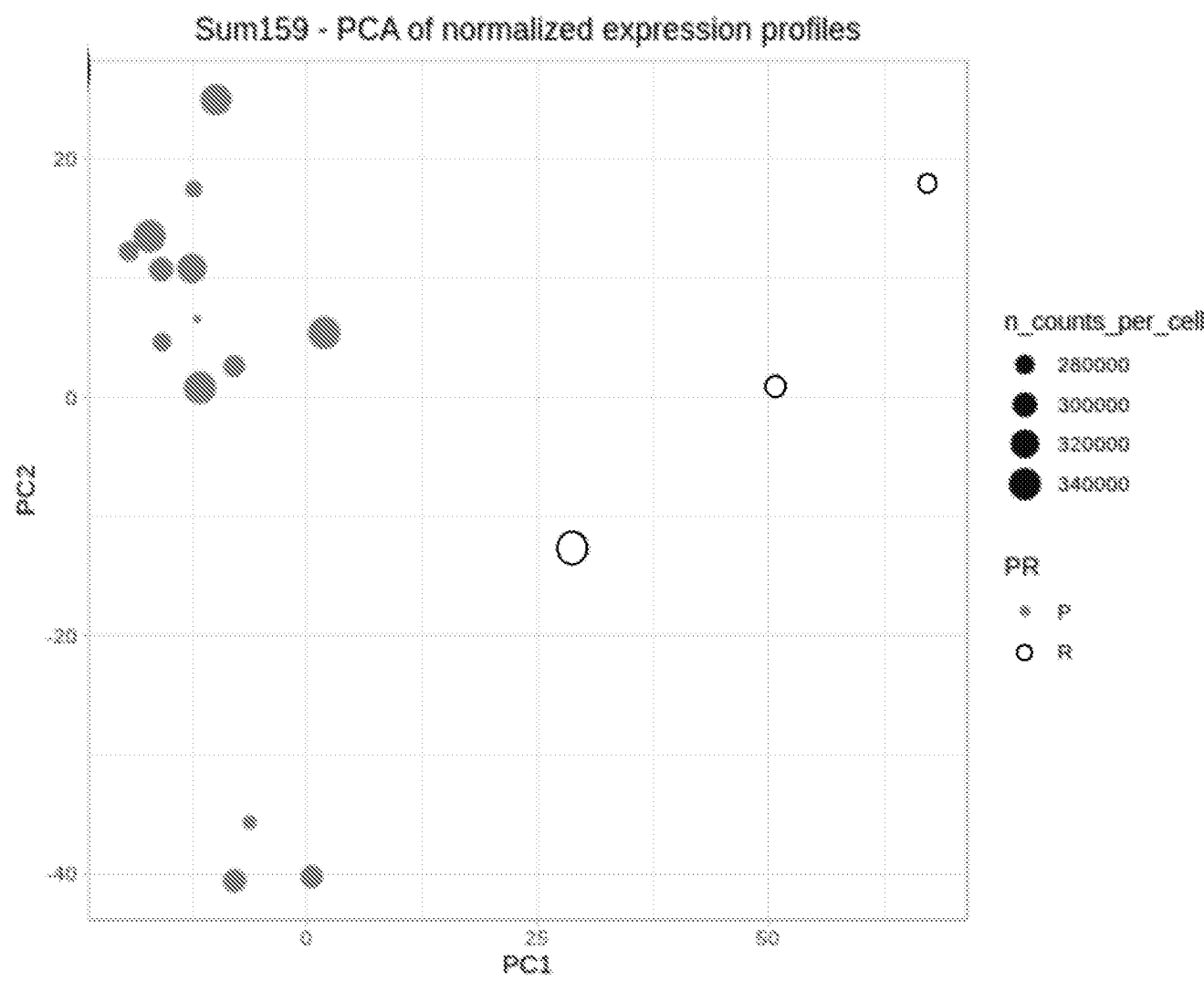


FIG. 10D



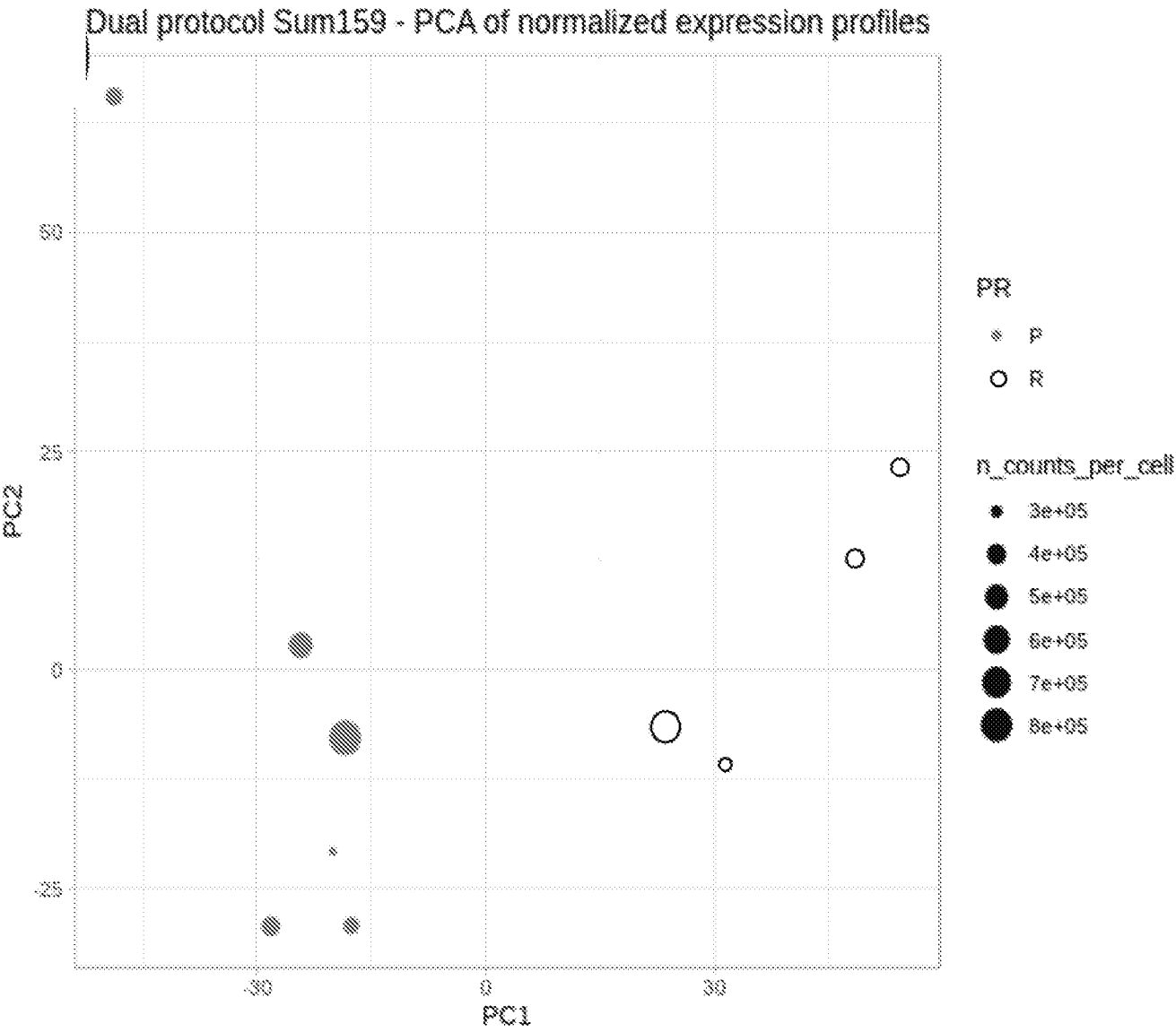


FIG. 10F

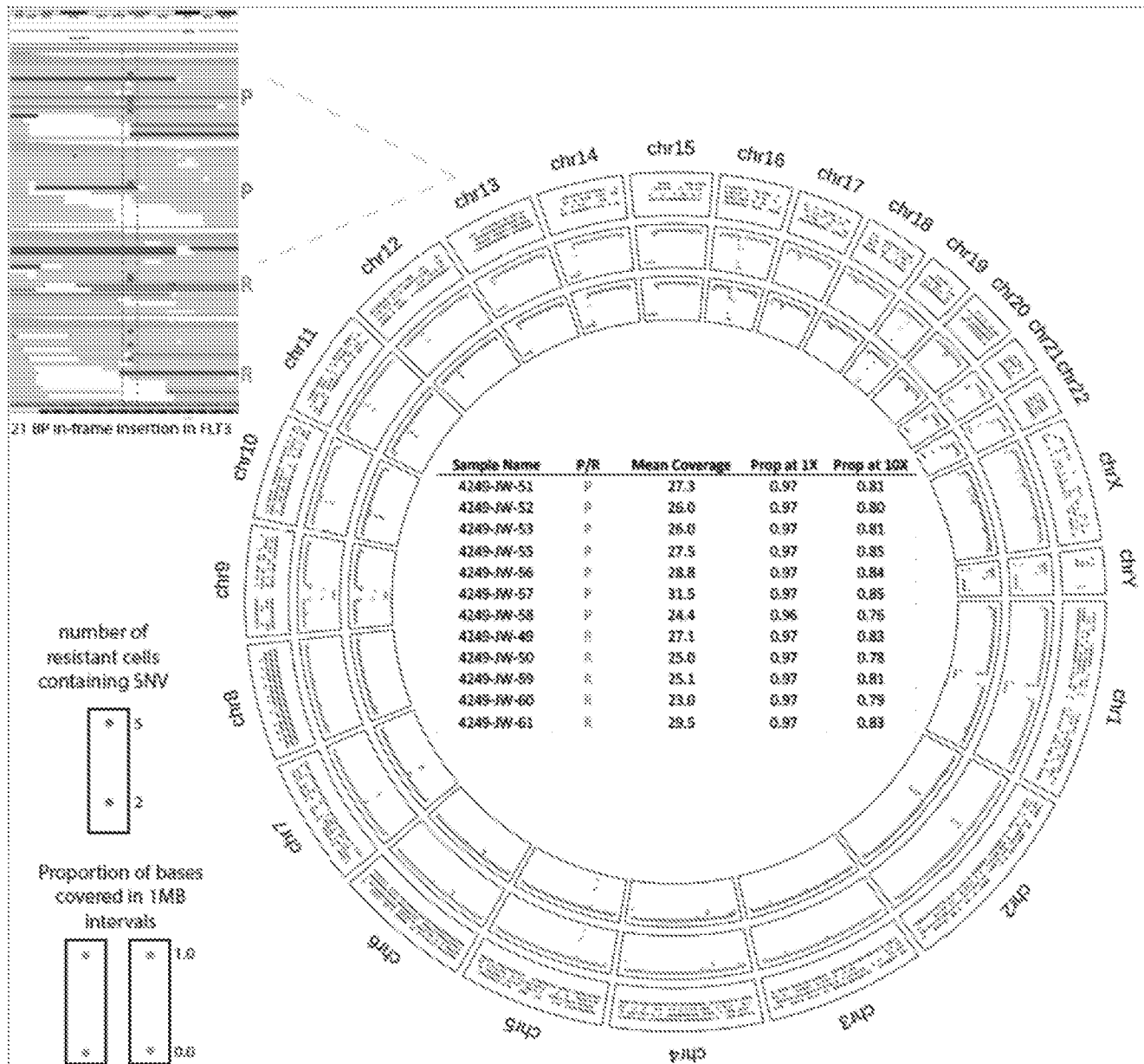


FIG. 11A

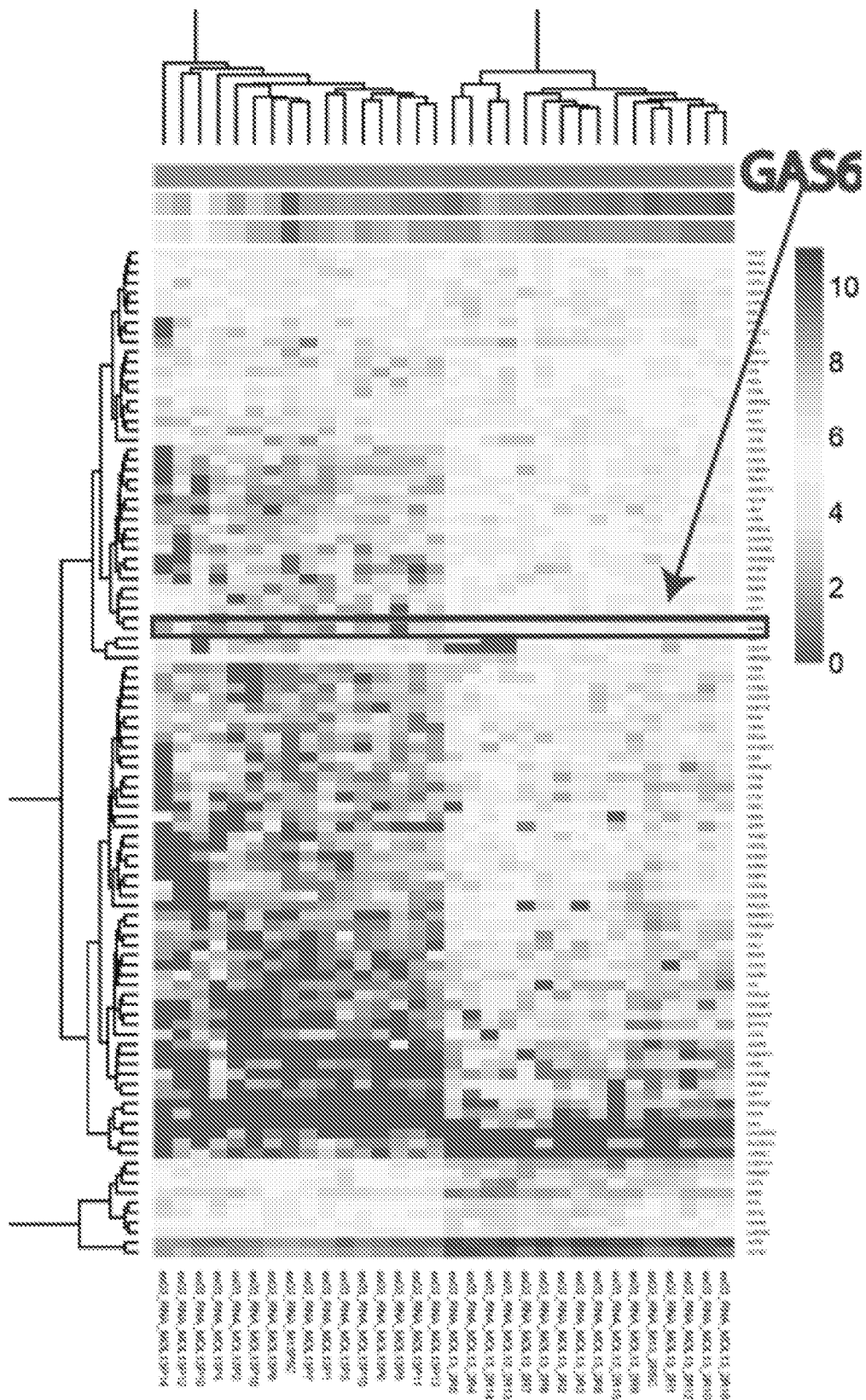
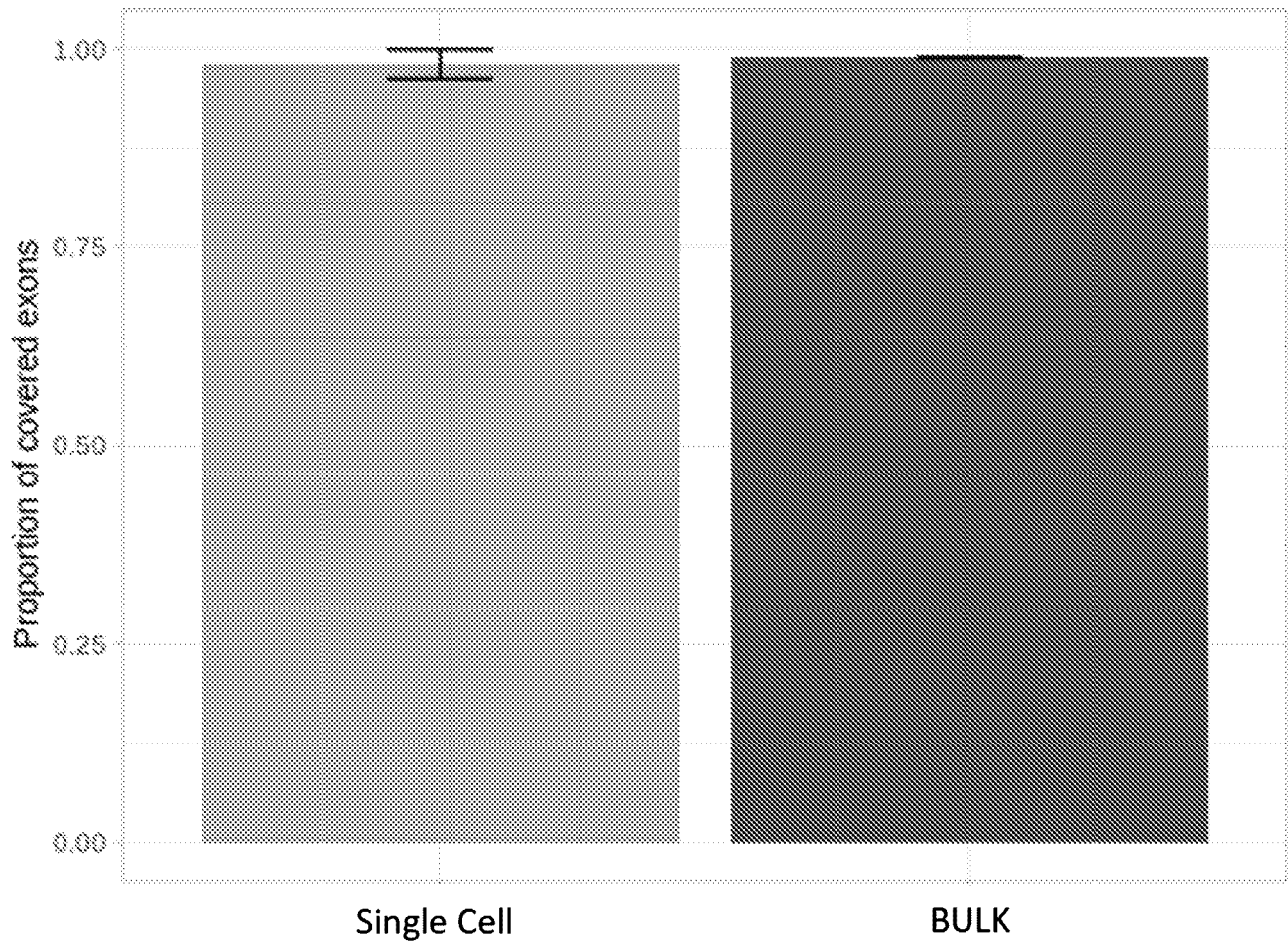
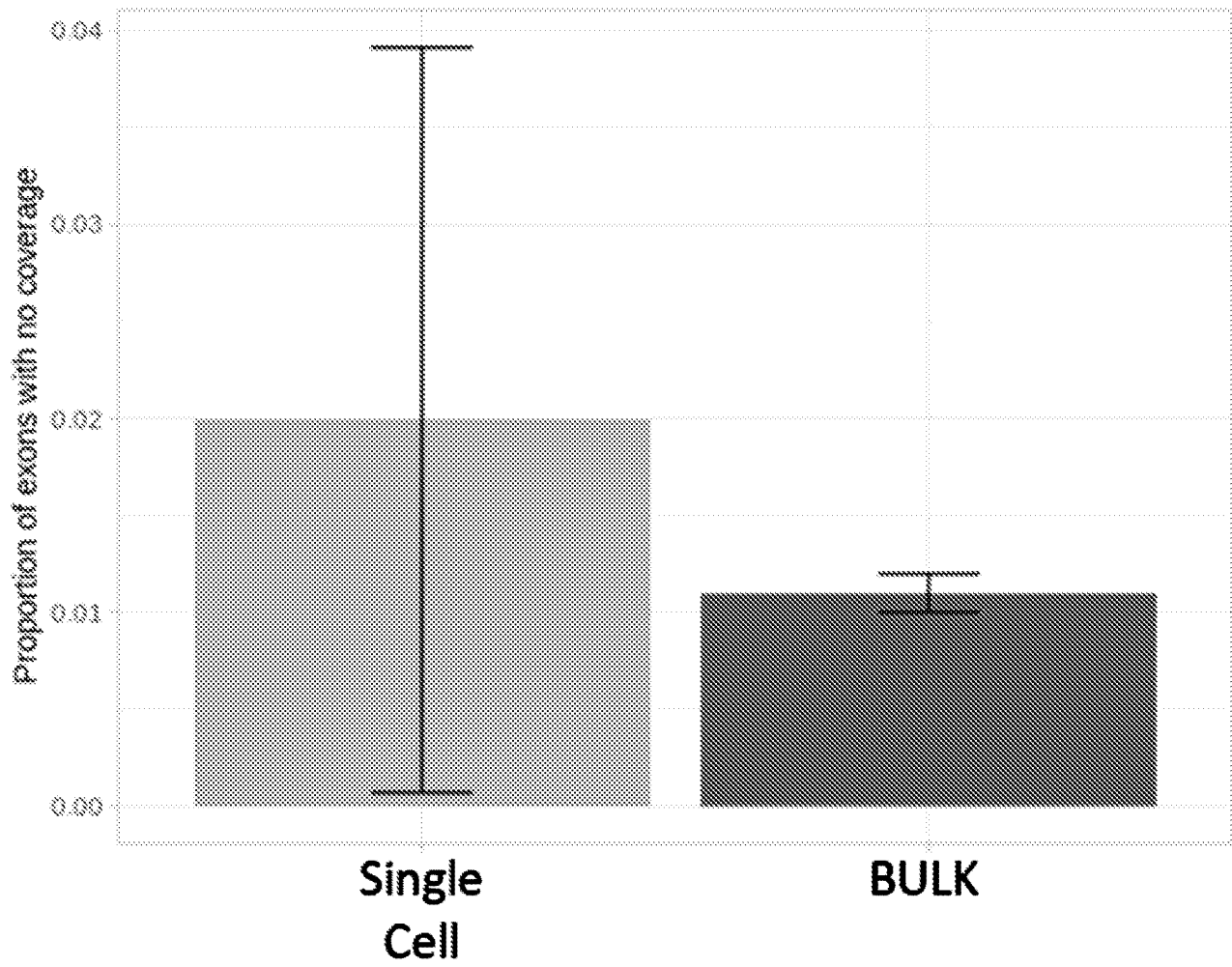


FIG. 11B

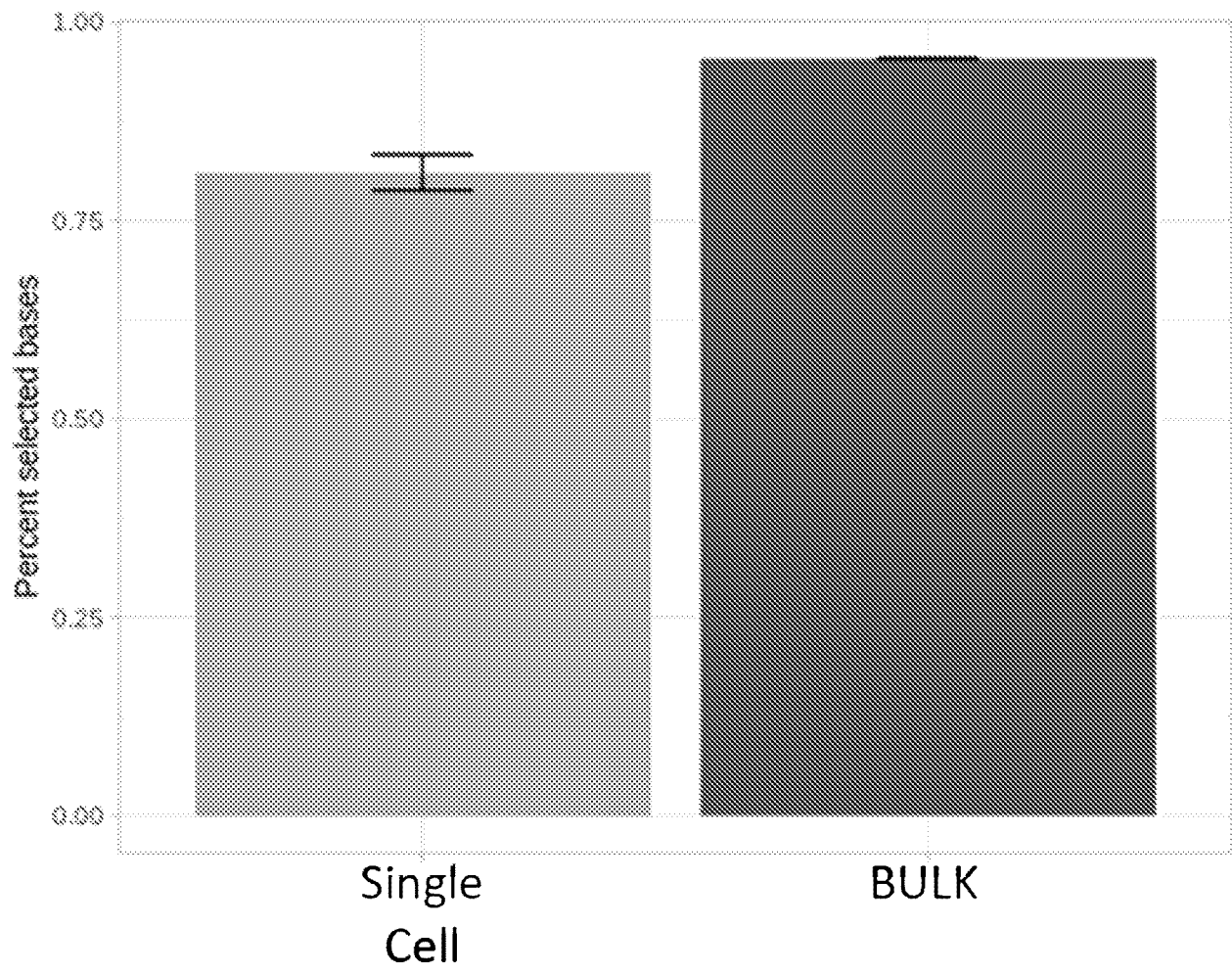
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**FIG. 12A**

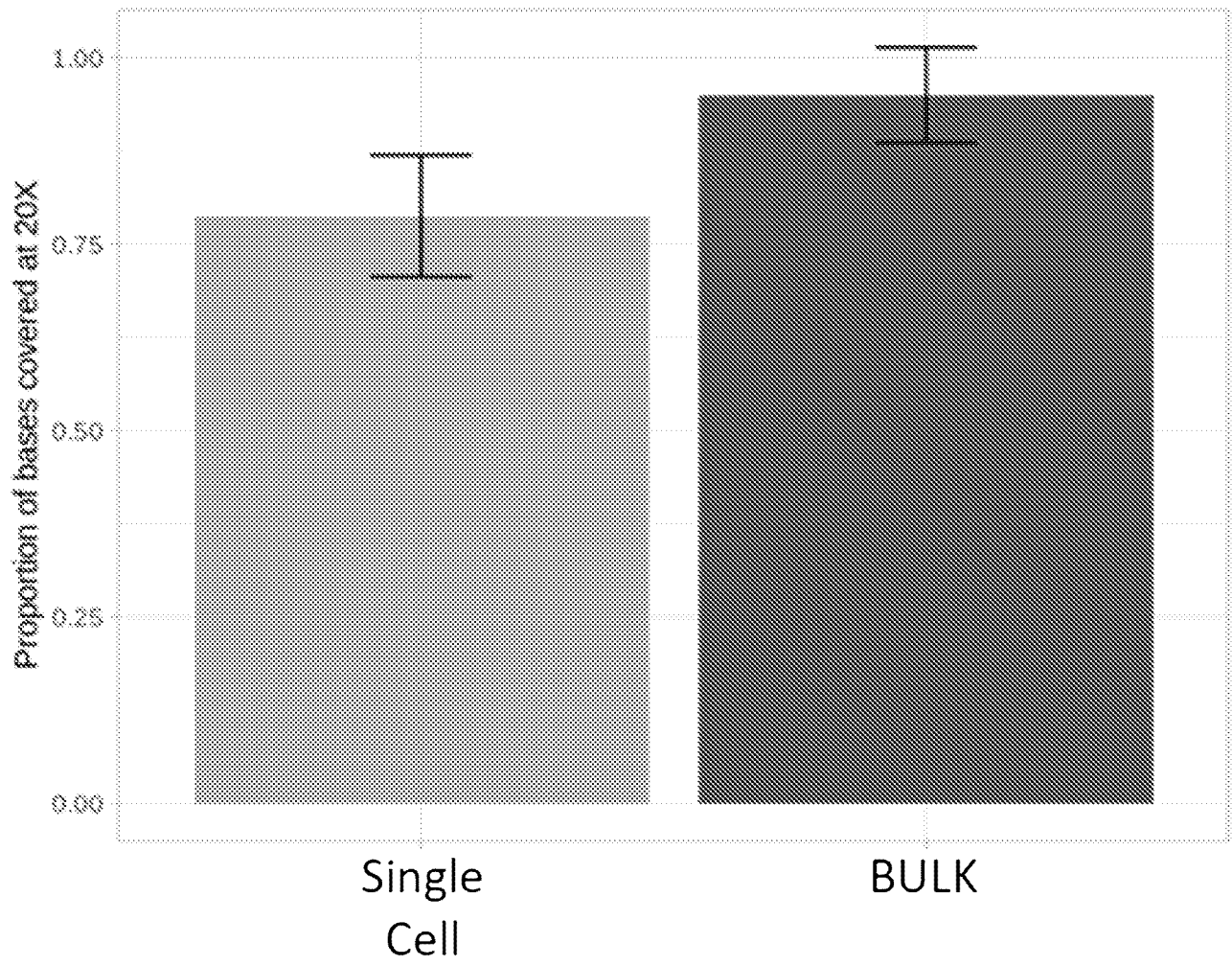
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**FIG. 12B**

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**FIG. 12C**

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**FIG. 12D**

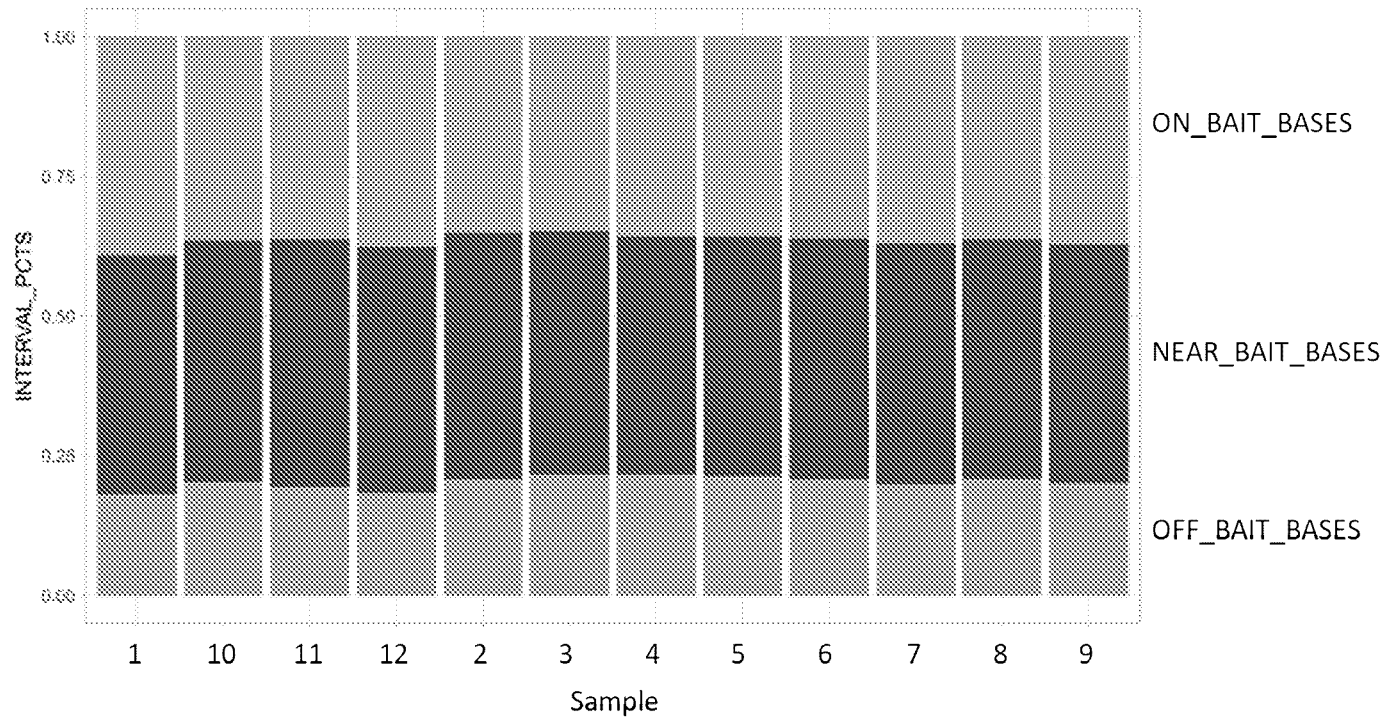


FIG. 13A

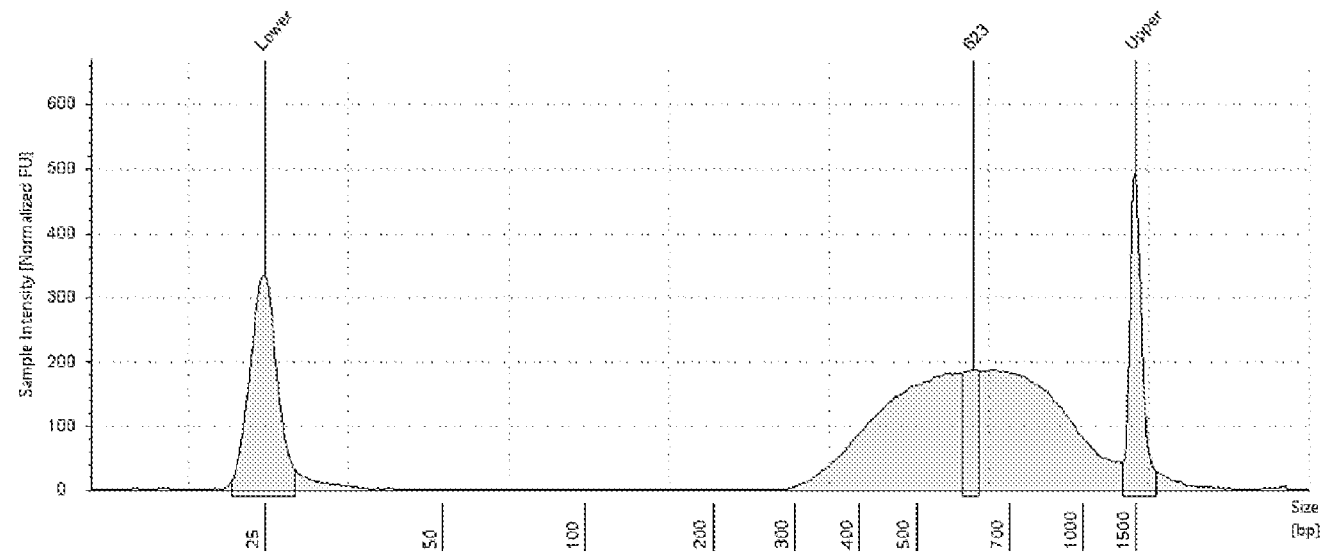


FIG. 13B

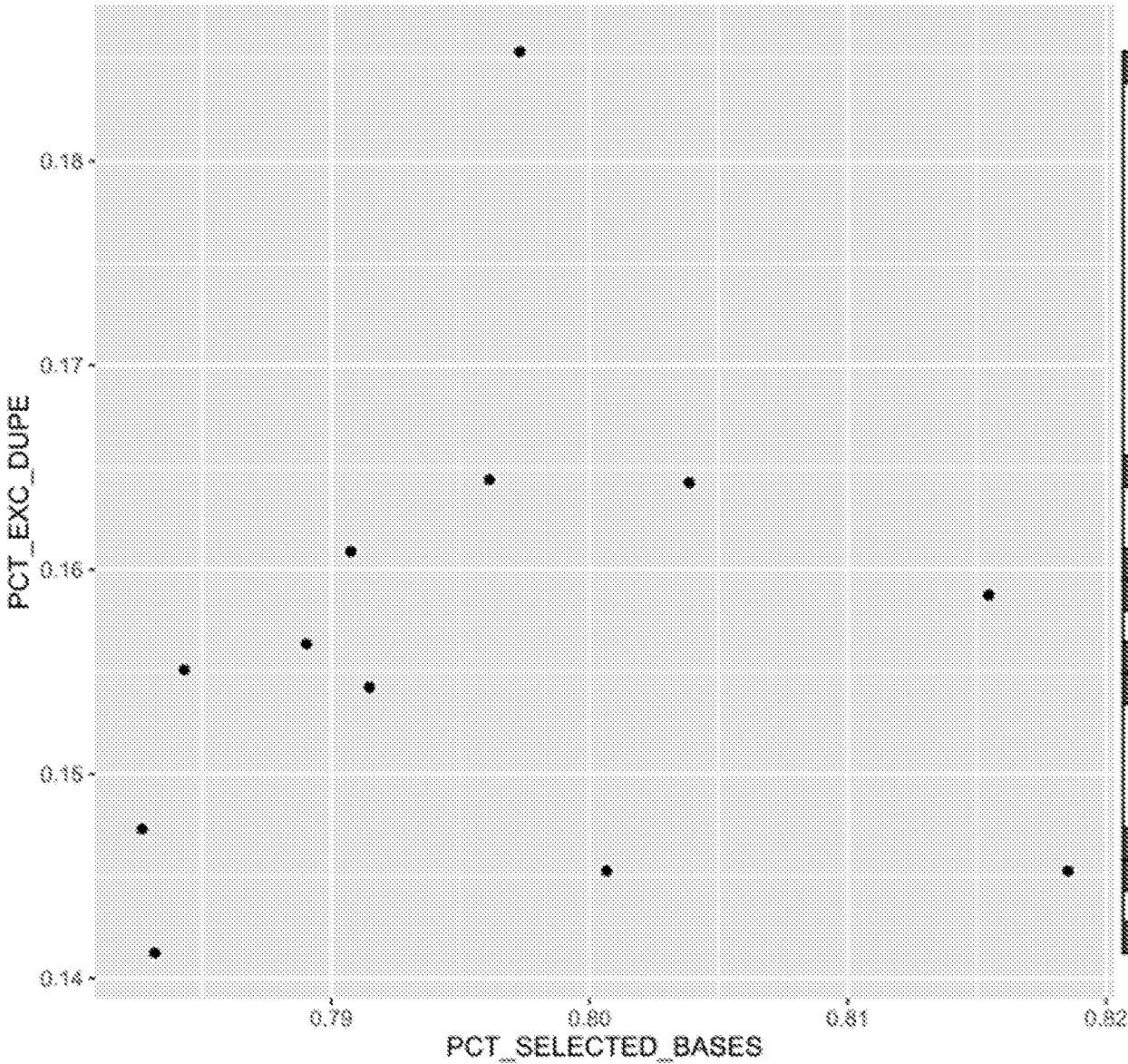
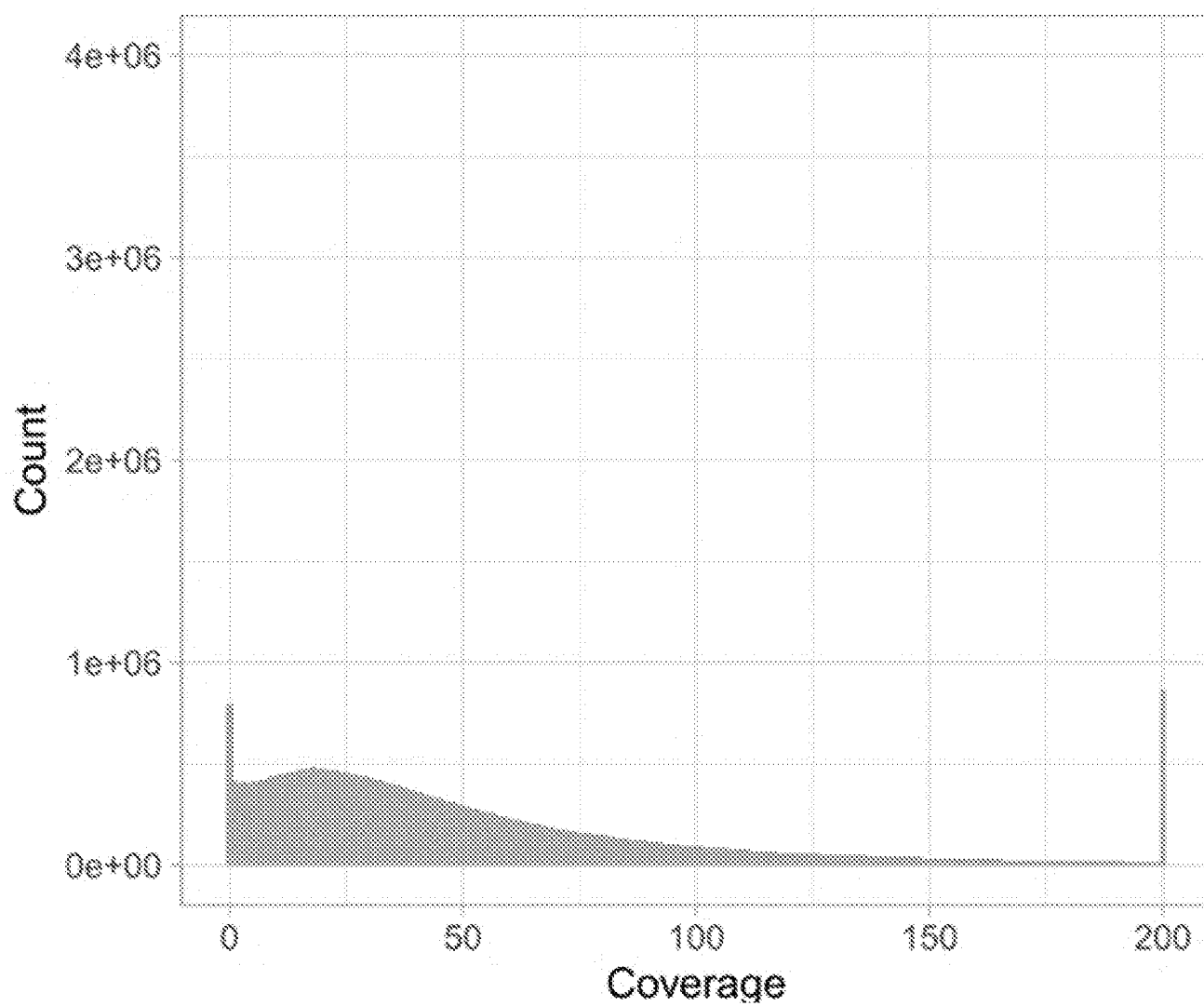


FIG. 14A

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**FIG. 14B**