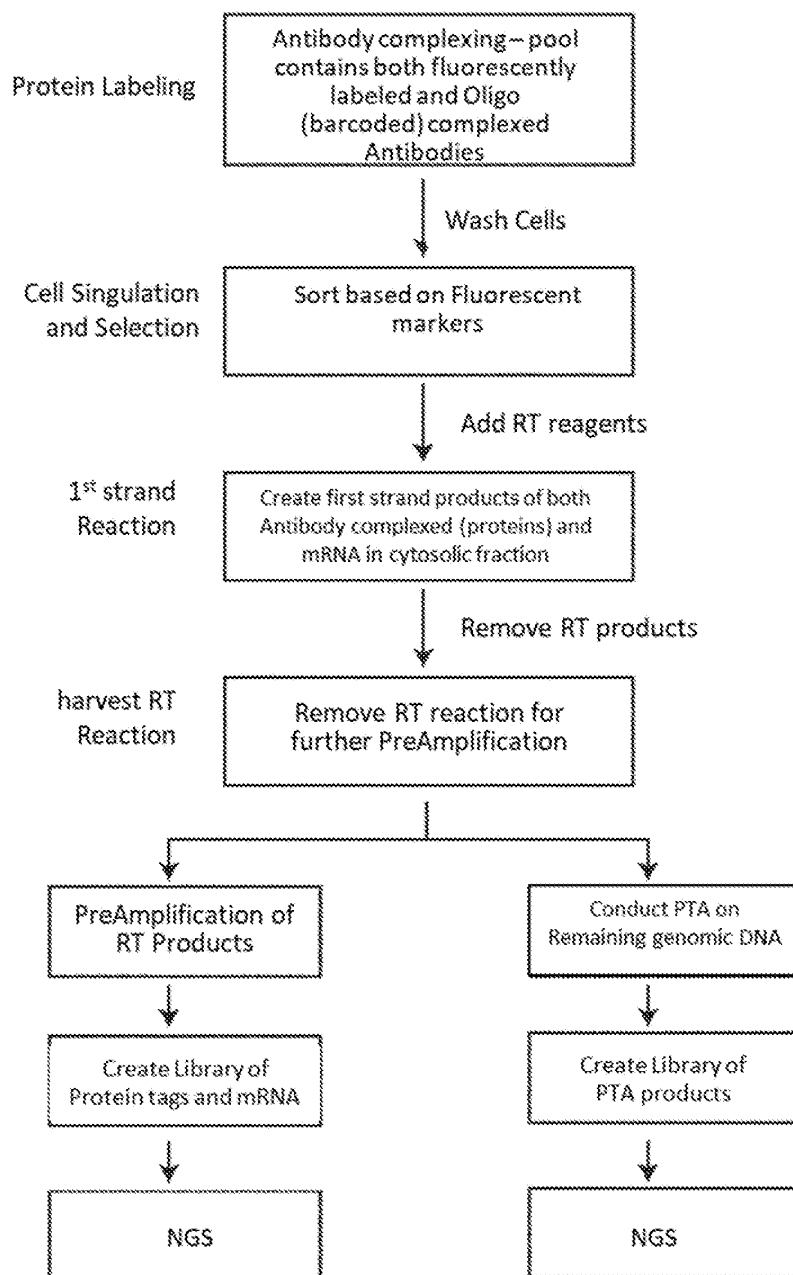
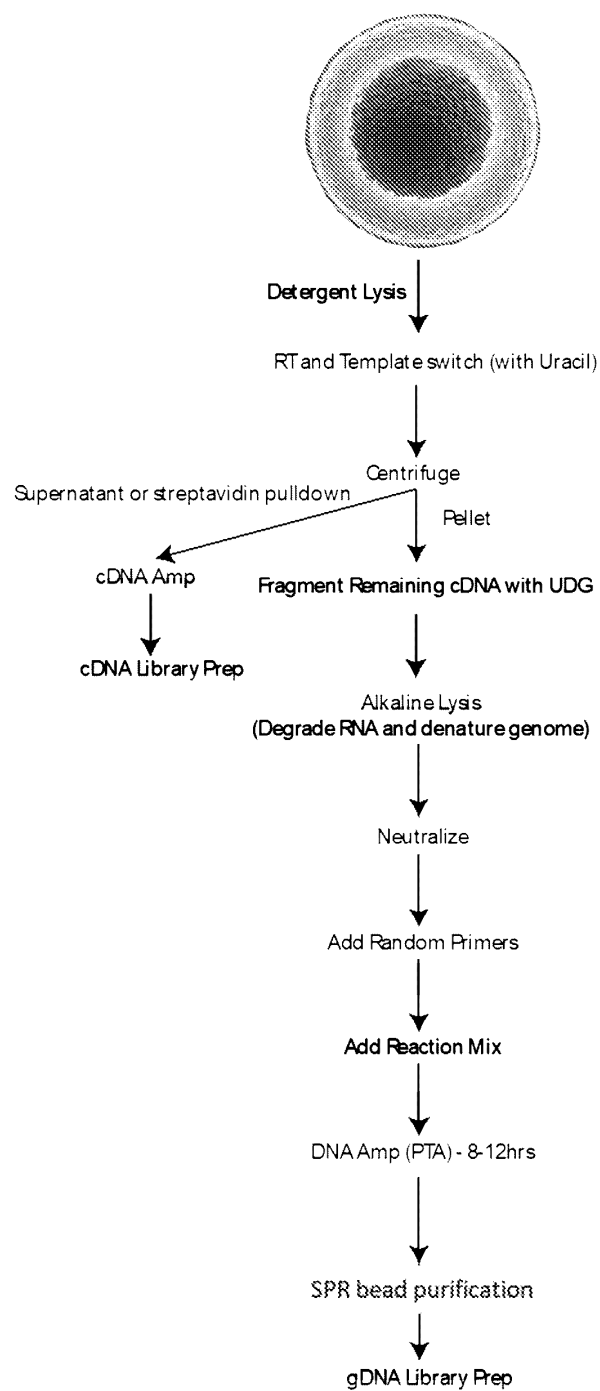


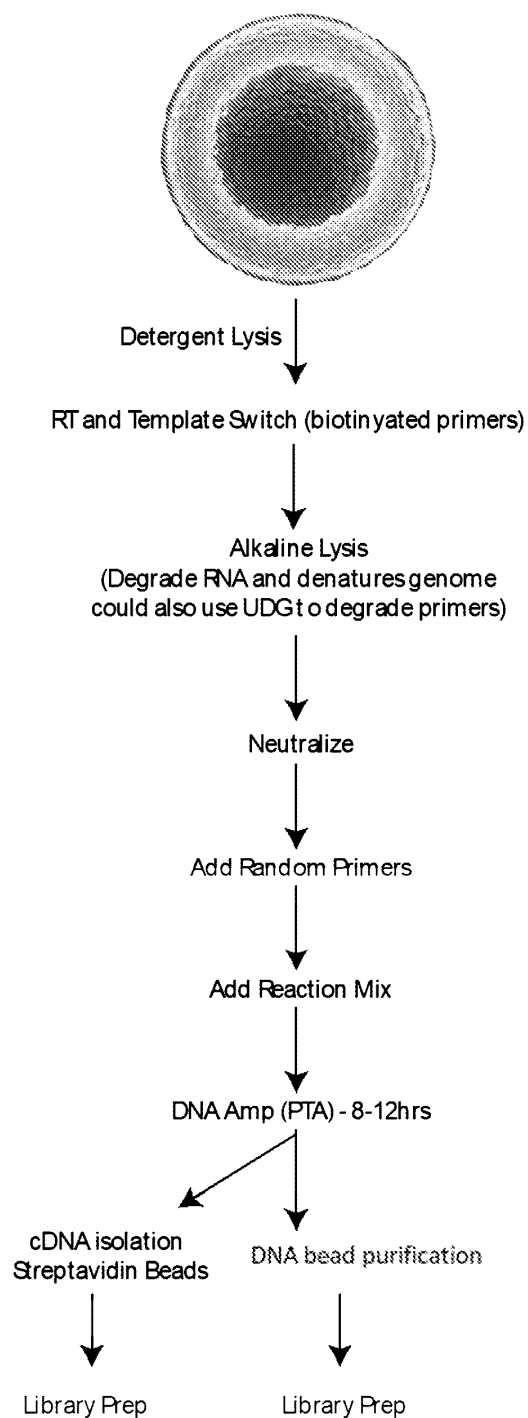
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**FIG. 1A**

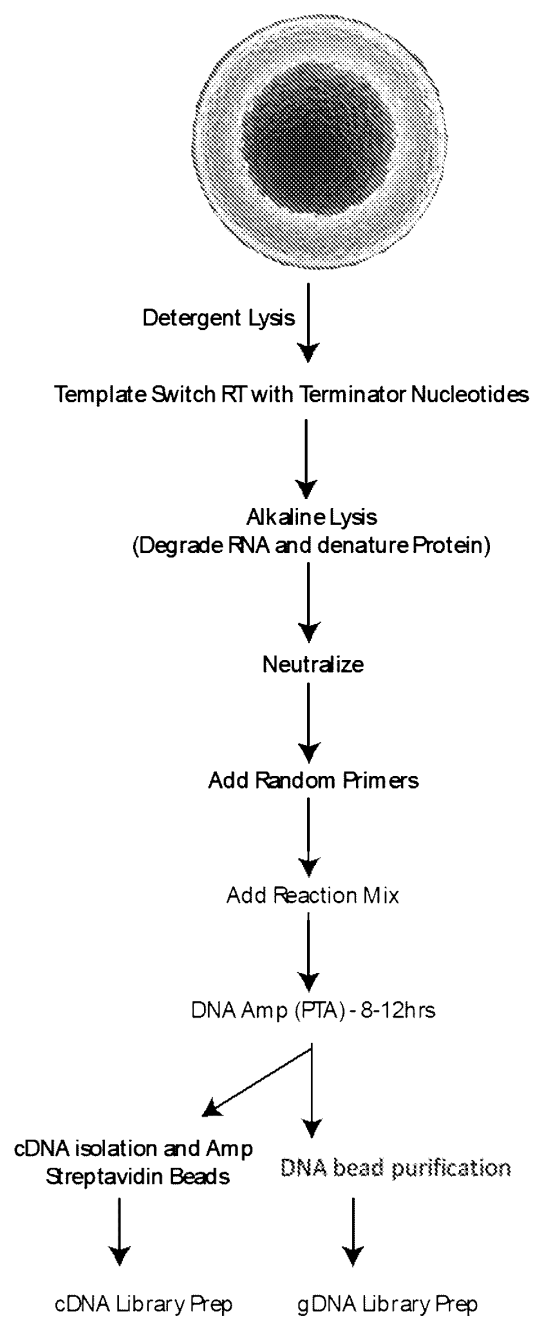
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**FIG. 1B**

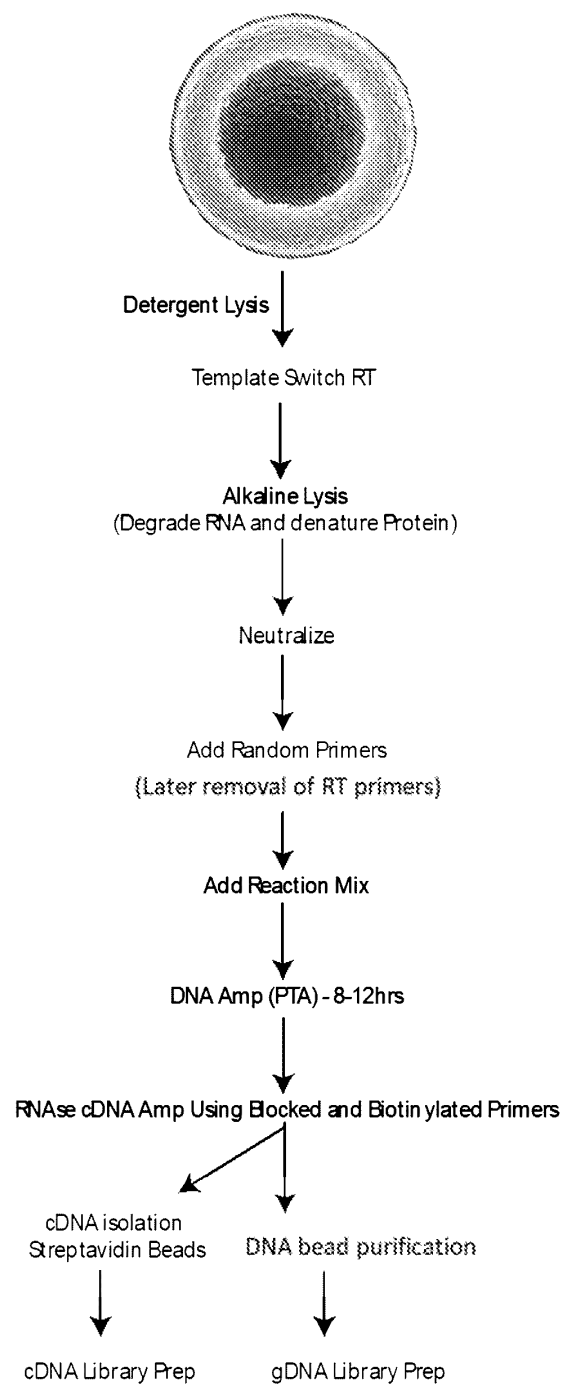
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**FIG. 1C**

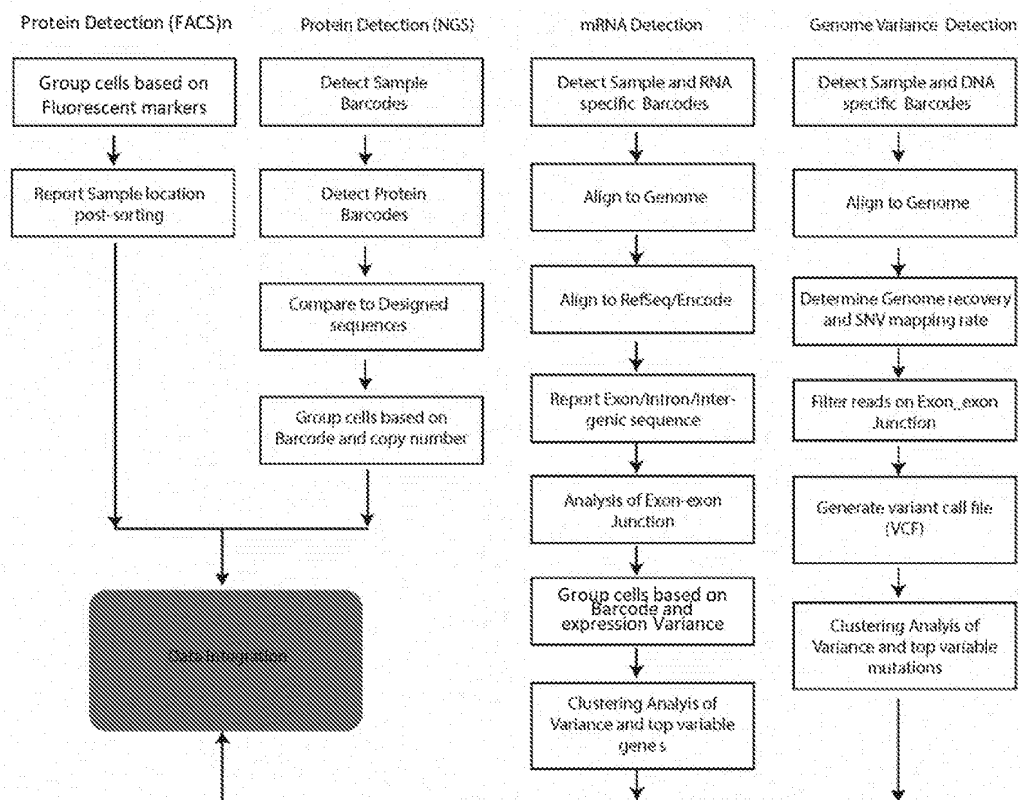
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**FIG. 1D**

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**FIG. 1E**

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**FIG. 1F**

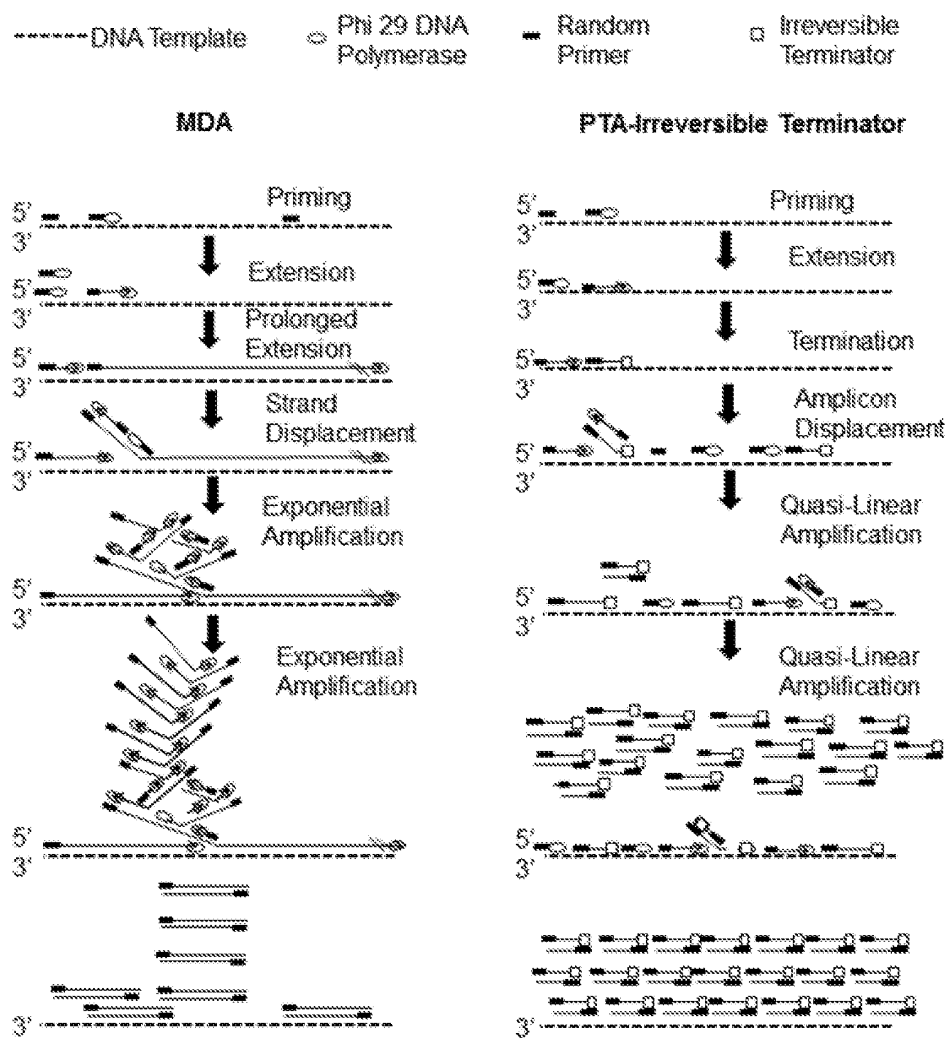


FIG. 1G

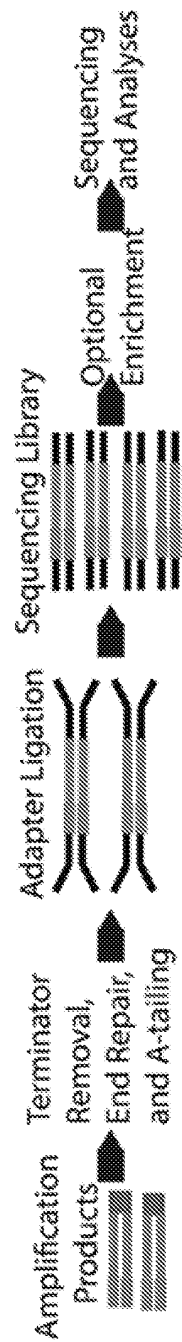


FIG. 2A

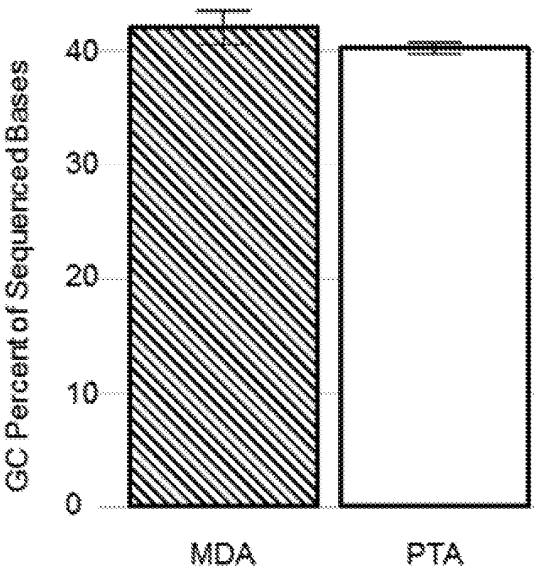


FIG. 2B

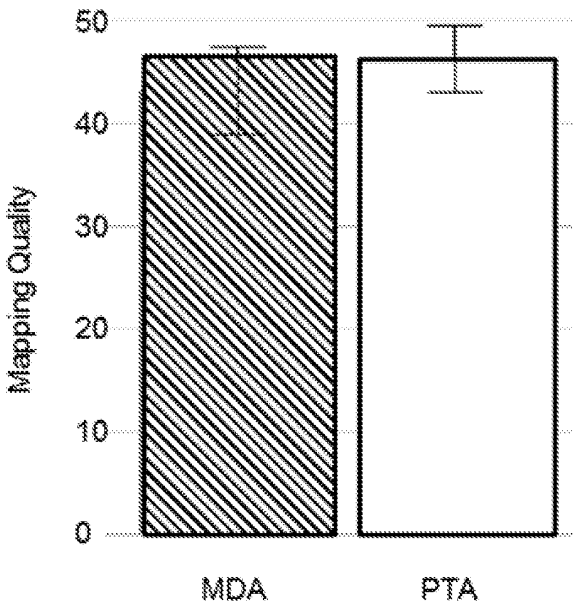
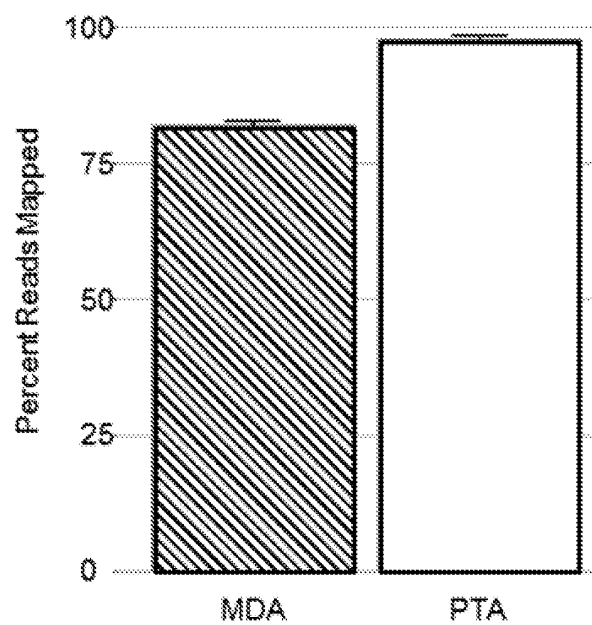
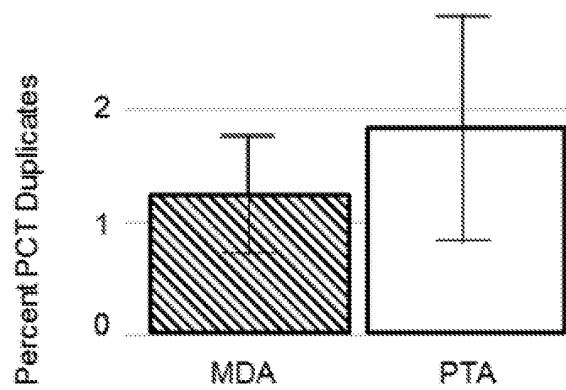
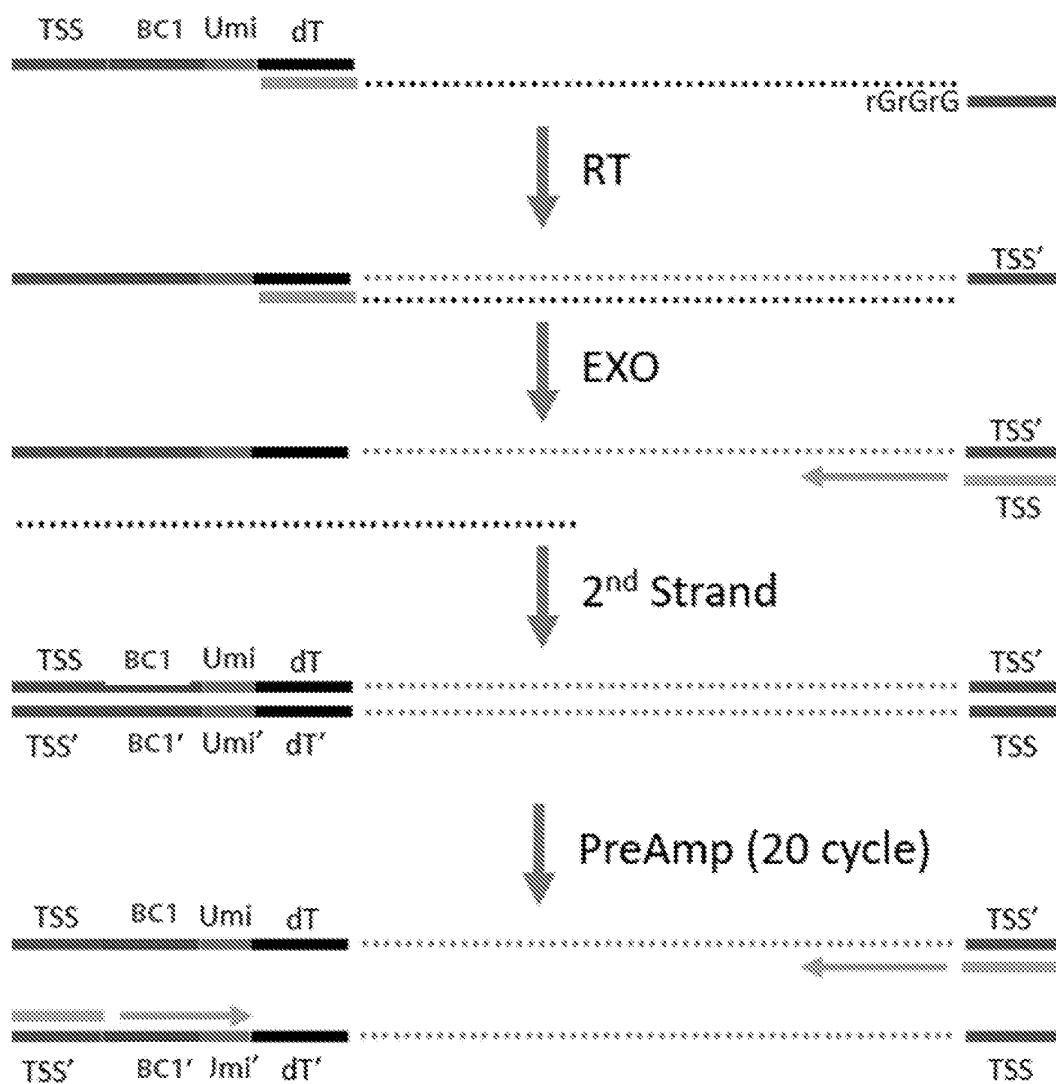


FIG. 2C

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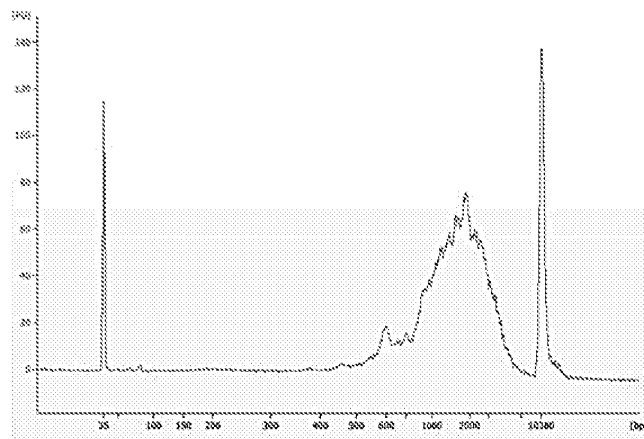
**FIG. 2D****FIG. 2E**

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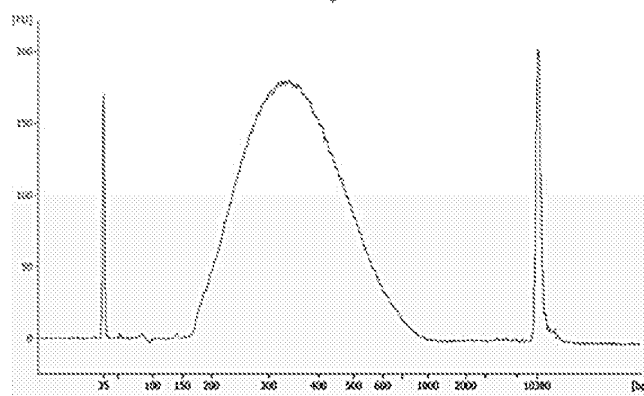
**FIG. 2F**

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cDNA pool from RT chemistry



Library creation



Library from Transposon based prep (nextera XT)

FIG. 2G

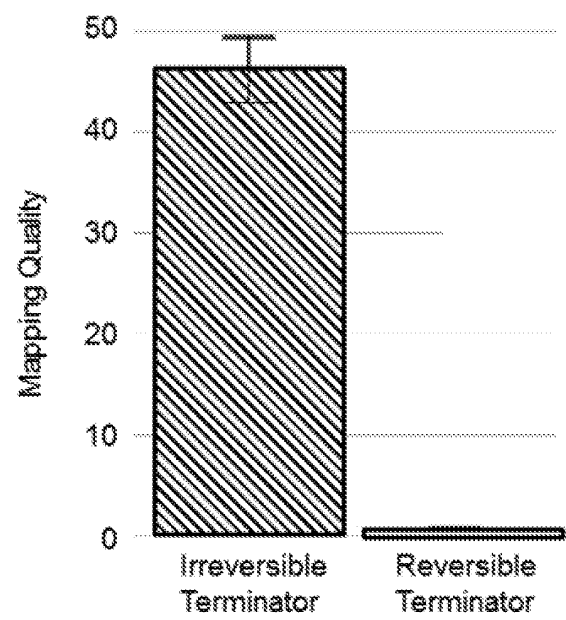


FIG. 3A

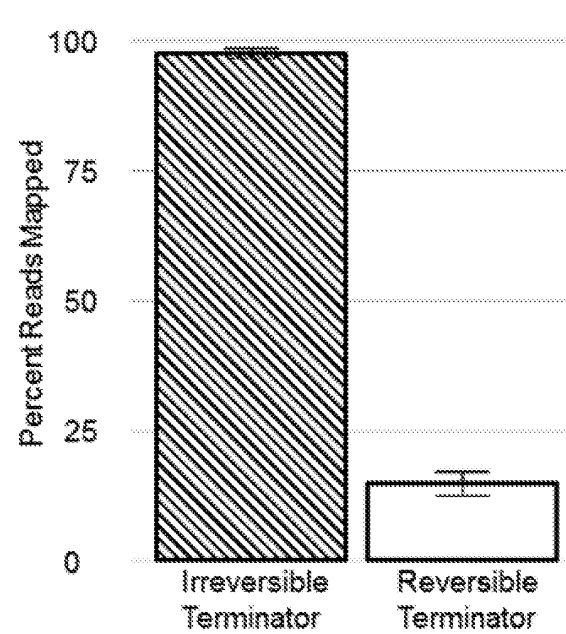


FIG. 3B

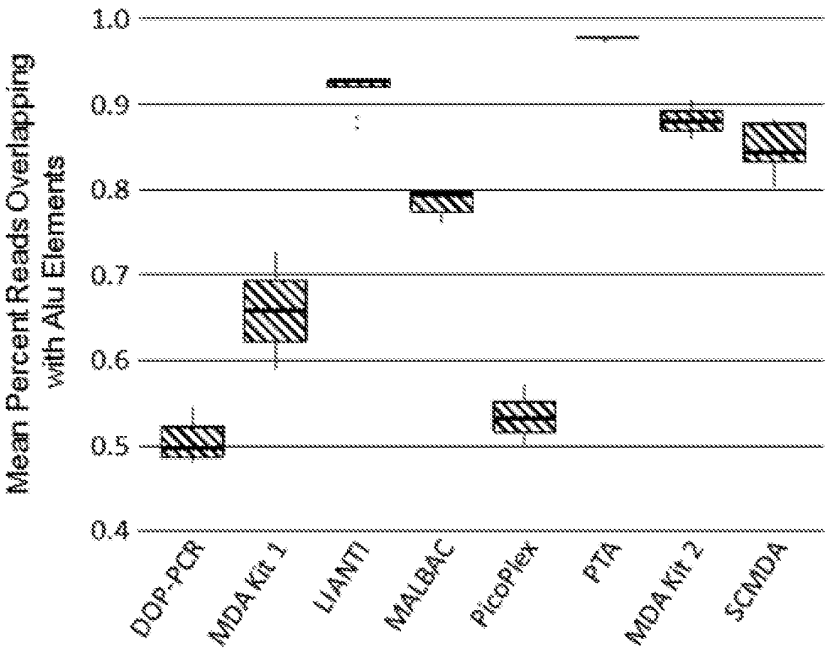


FIG. 3C

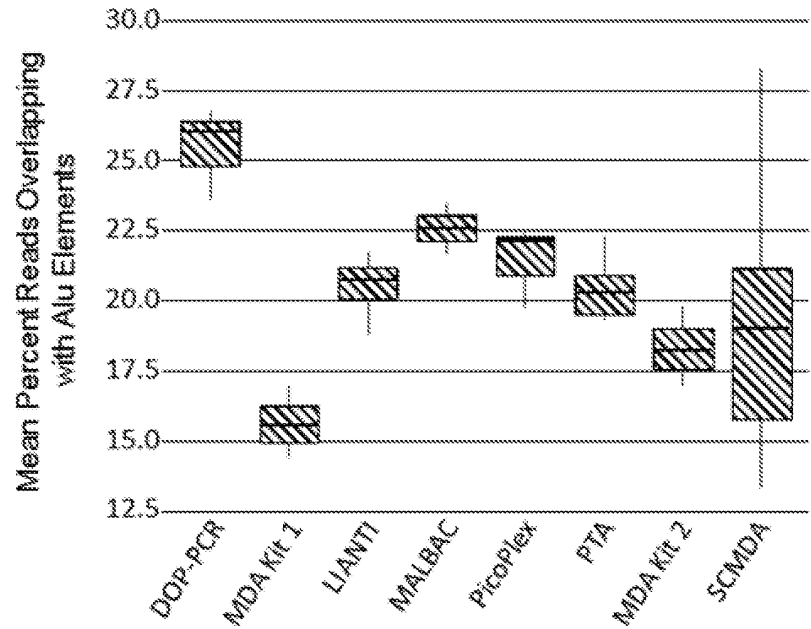


FIG. 3D

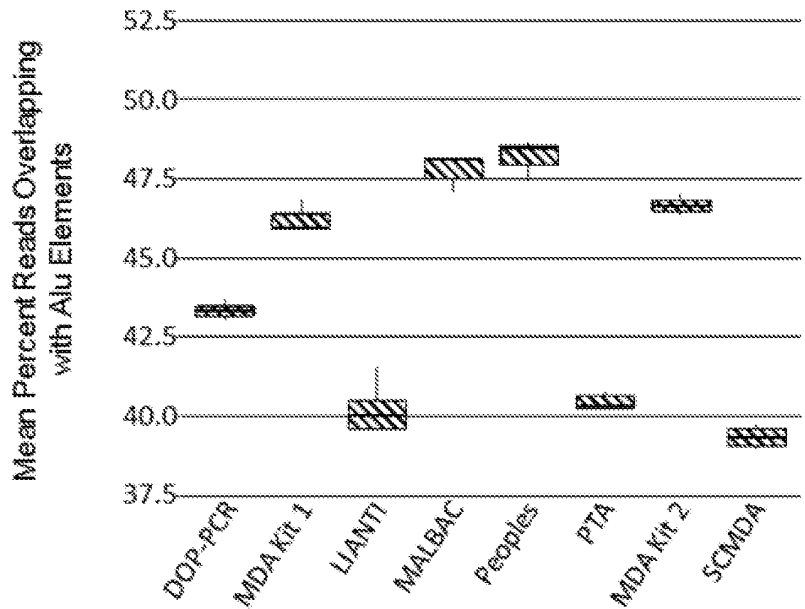


FIG. 3E

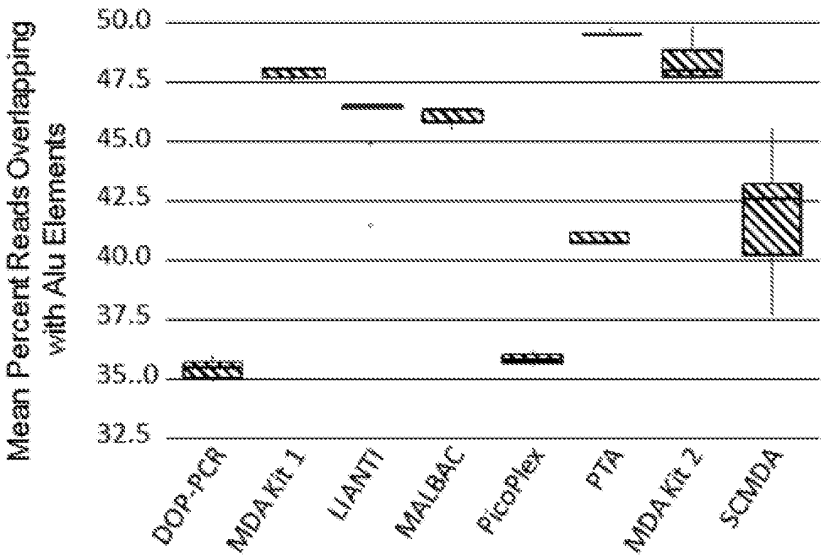


FIG. 3F

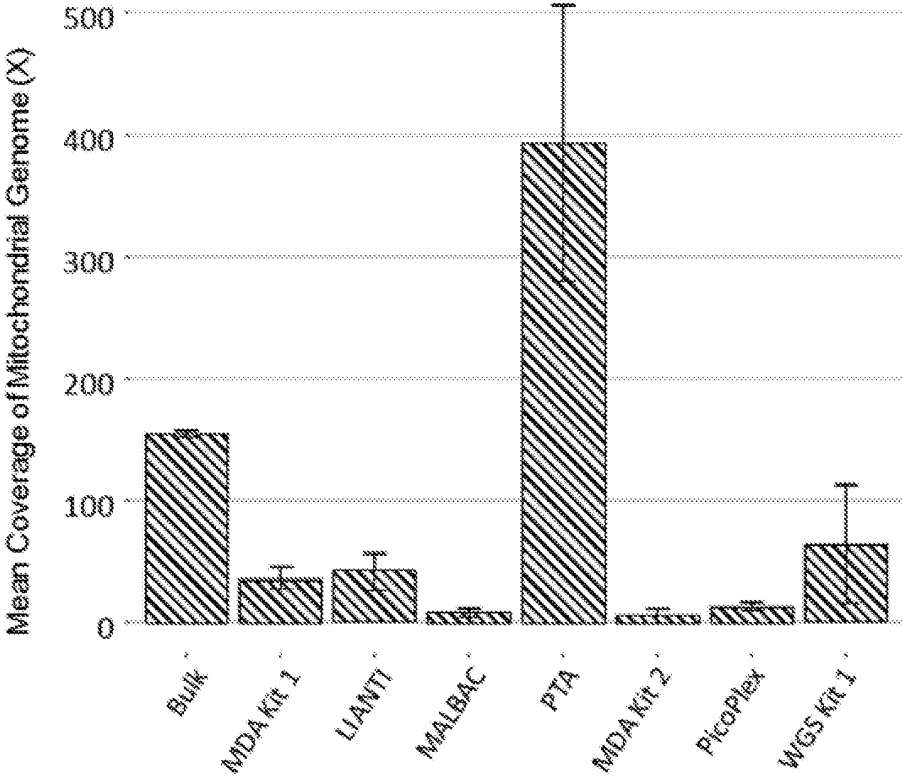


FIG. 3G

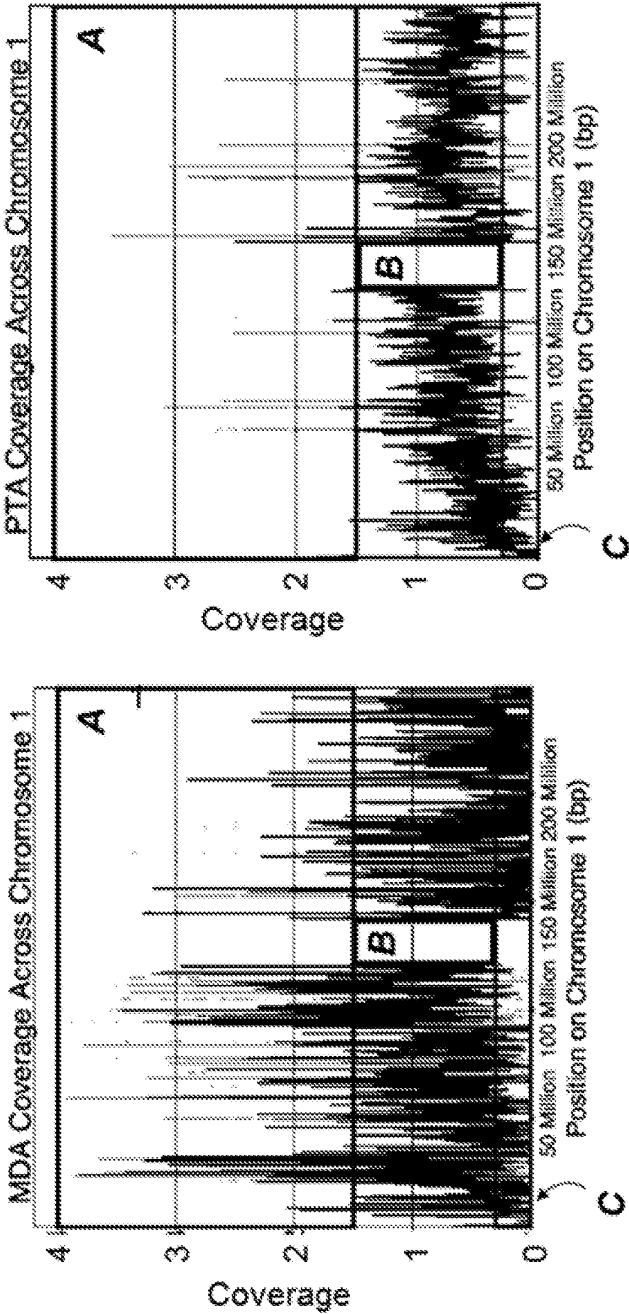


FIG. 4A

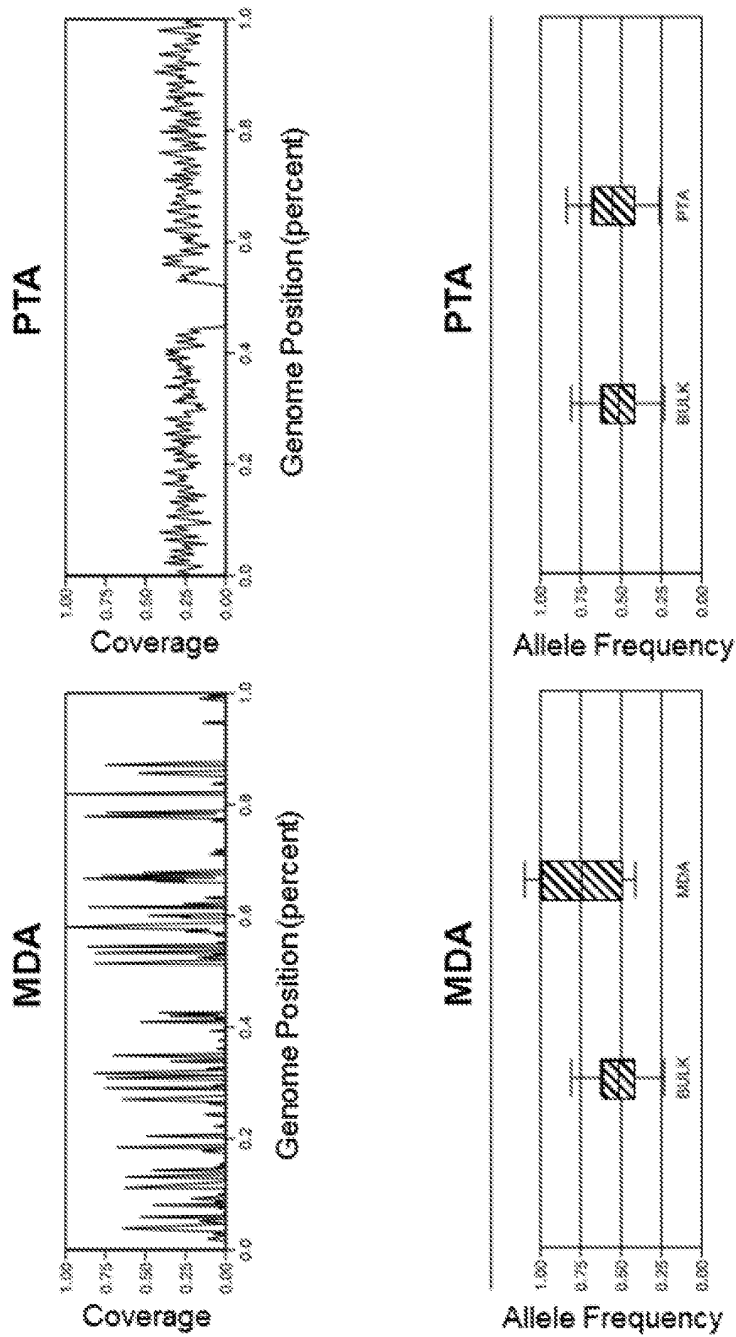


FIG. 4B

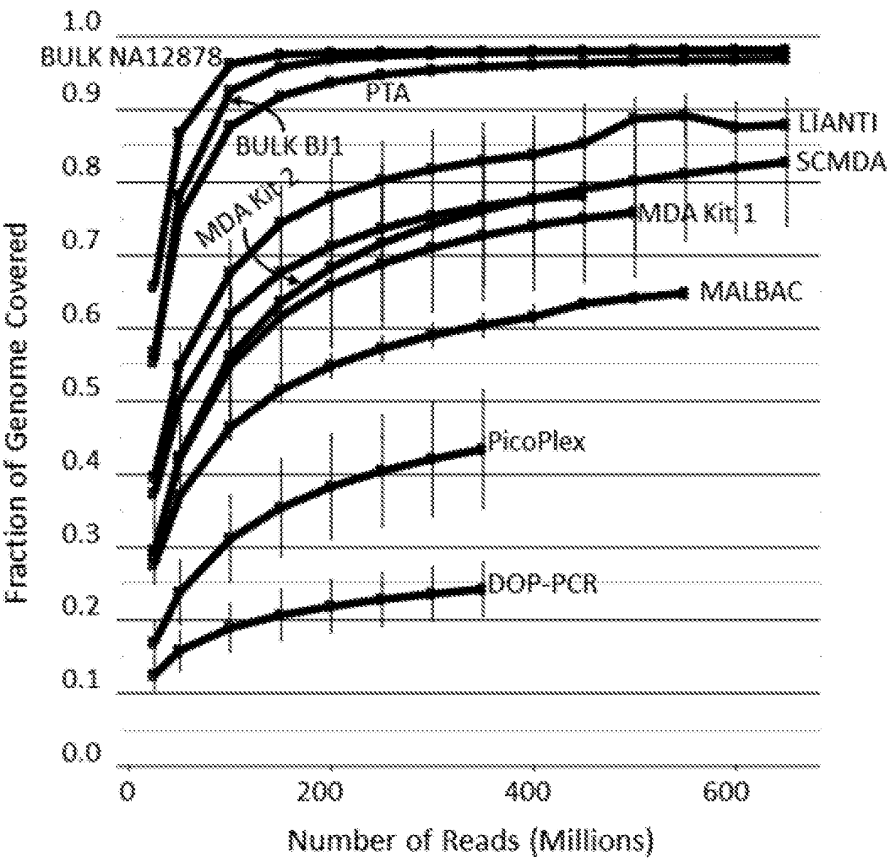


FIG. 5A

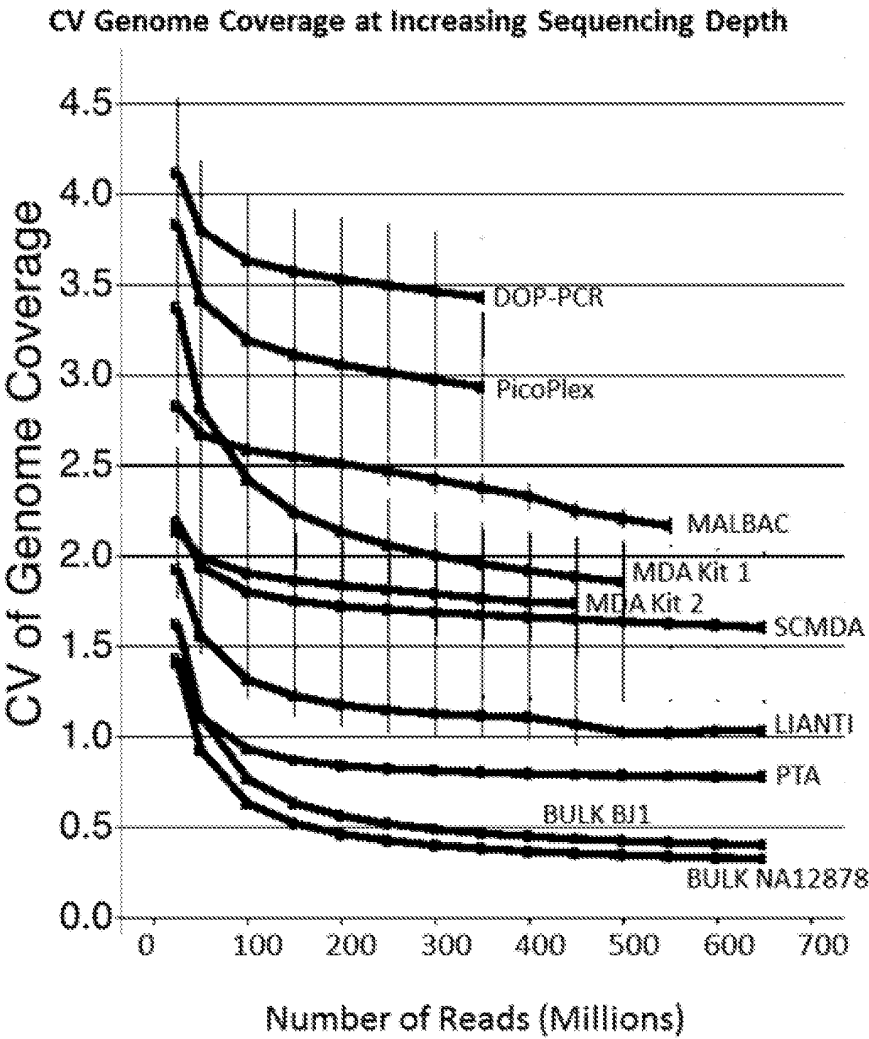


FIG. 5B

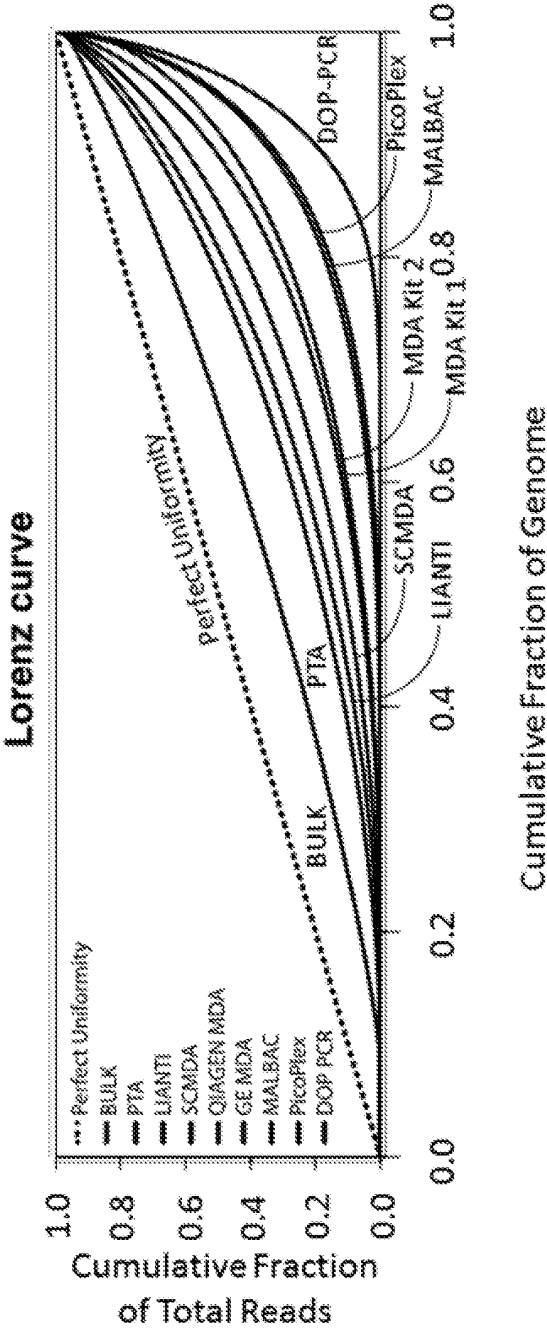


FIG. 5C

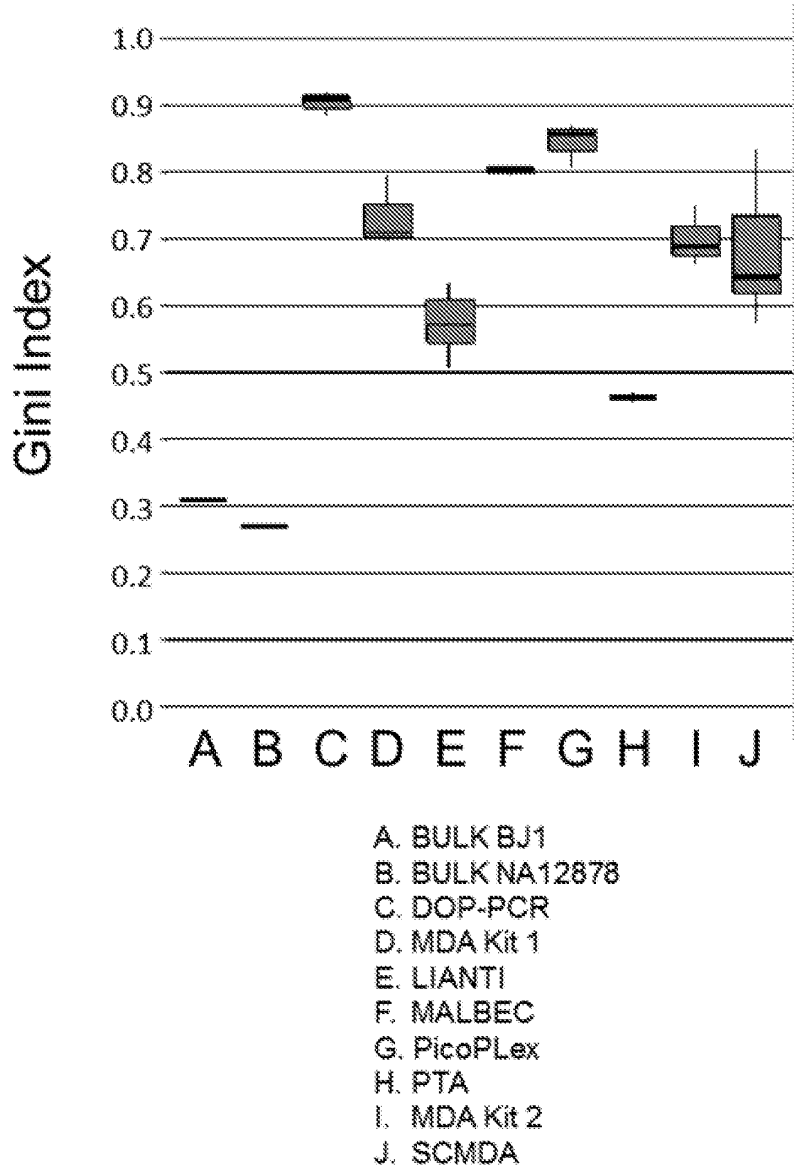


FIG. 5D

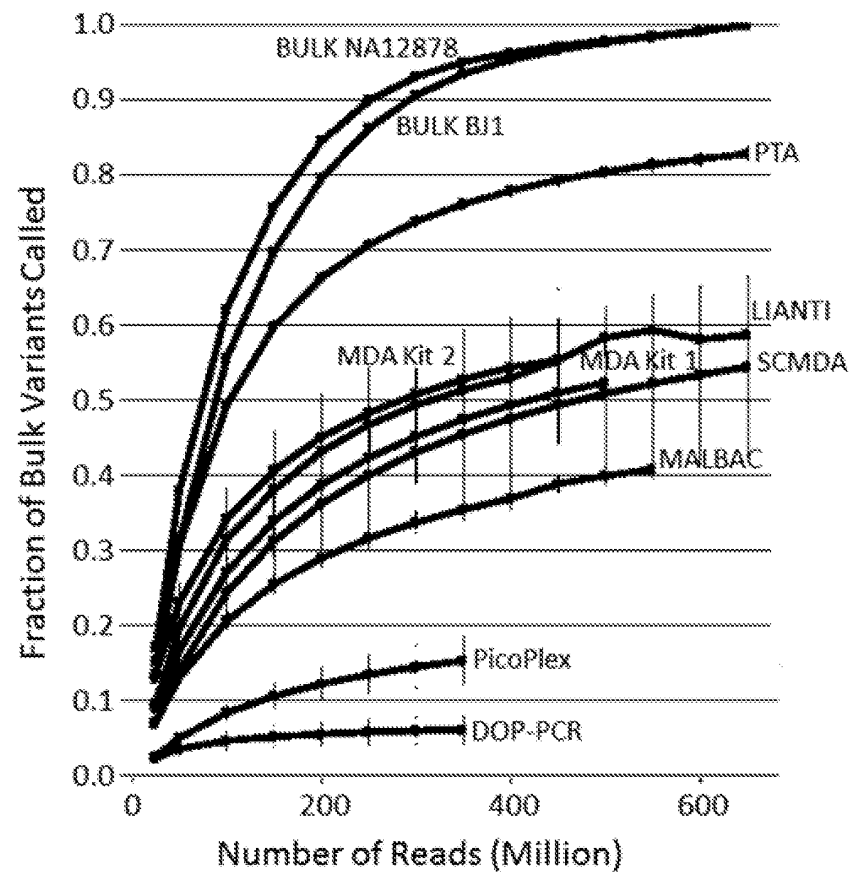


FIG. 5E

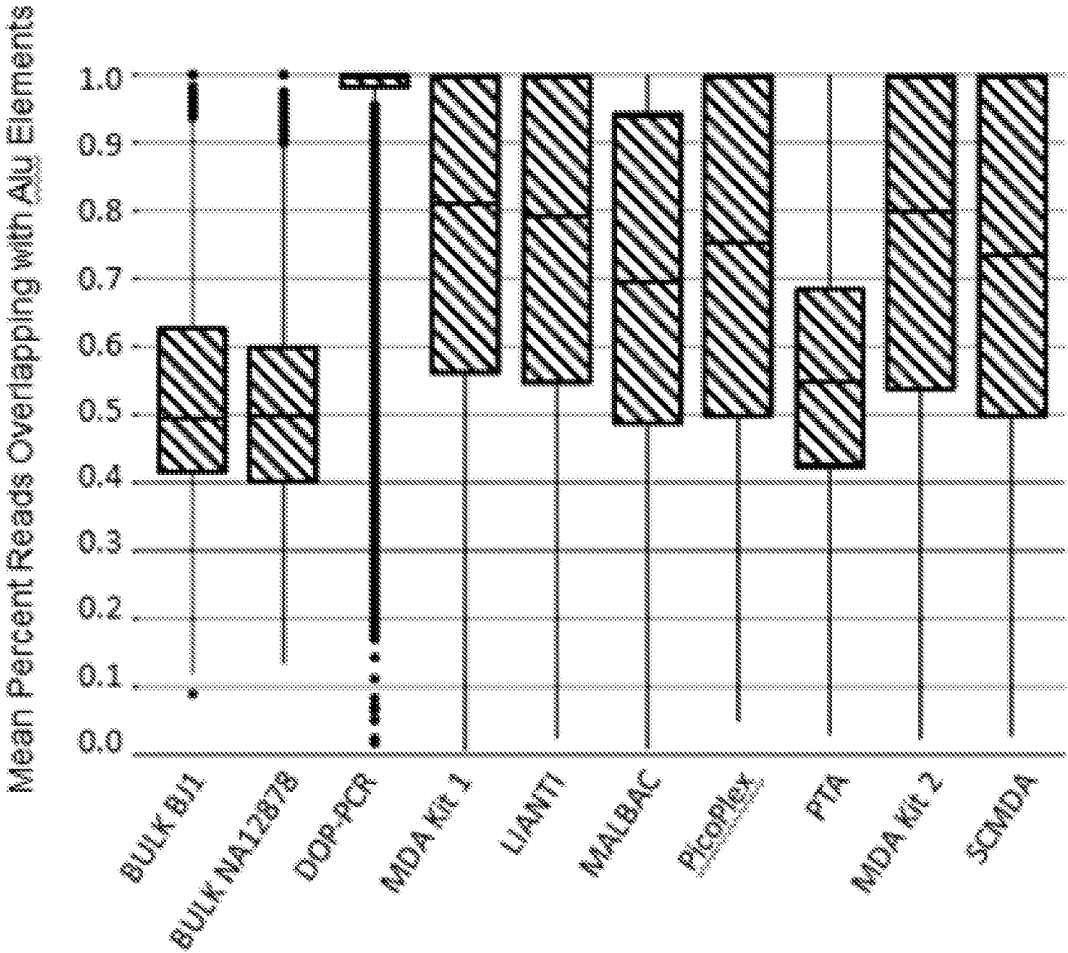


FIG. 5F

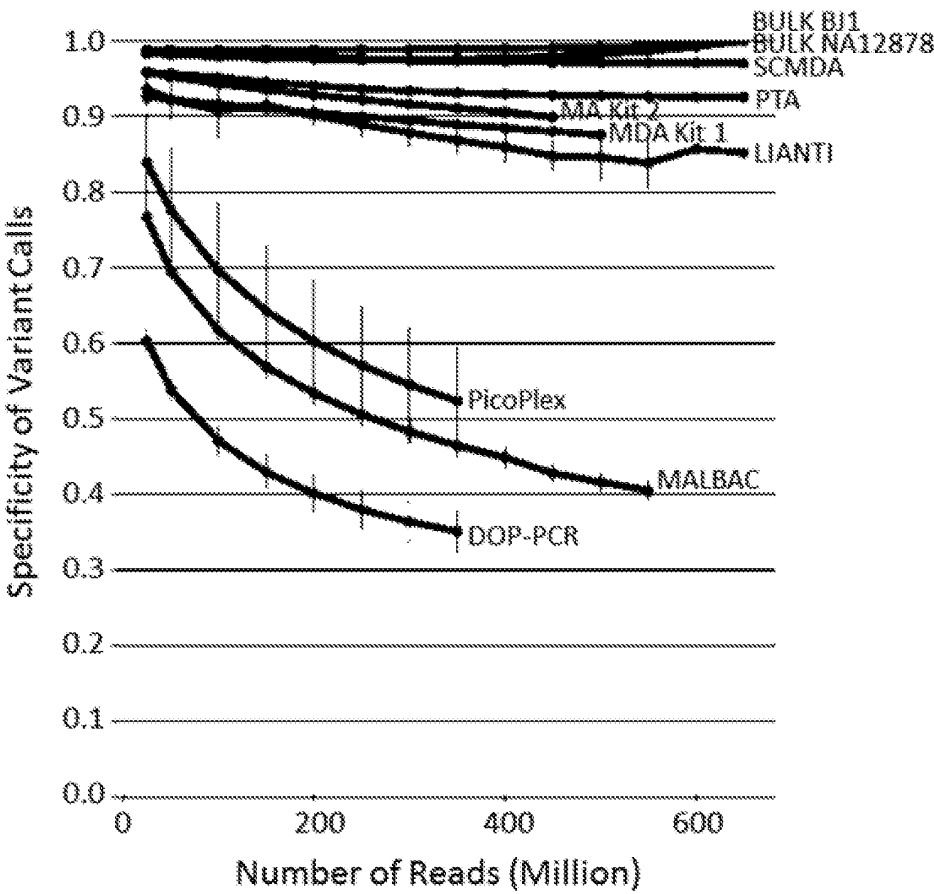


FIG. 5G

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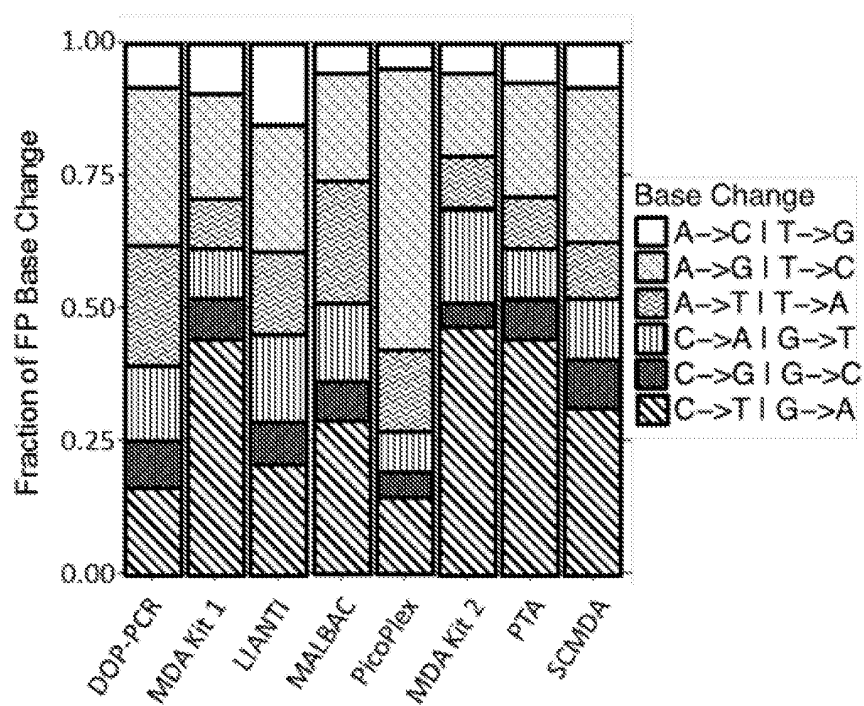


FIG. 5H

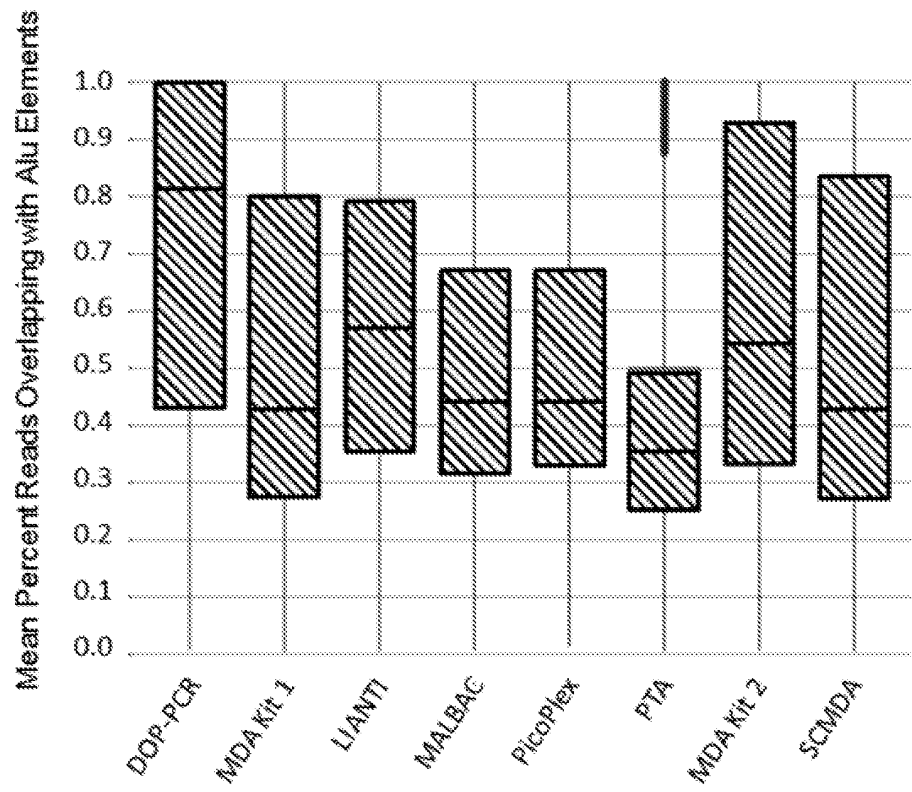


FIG. 5I

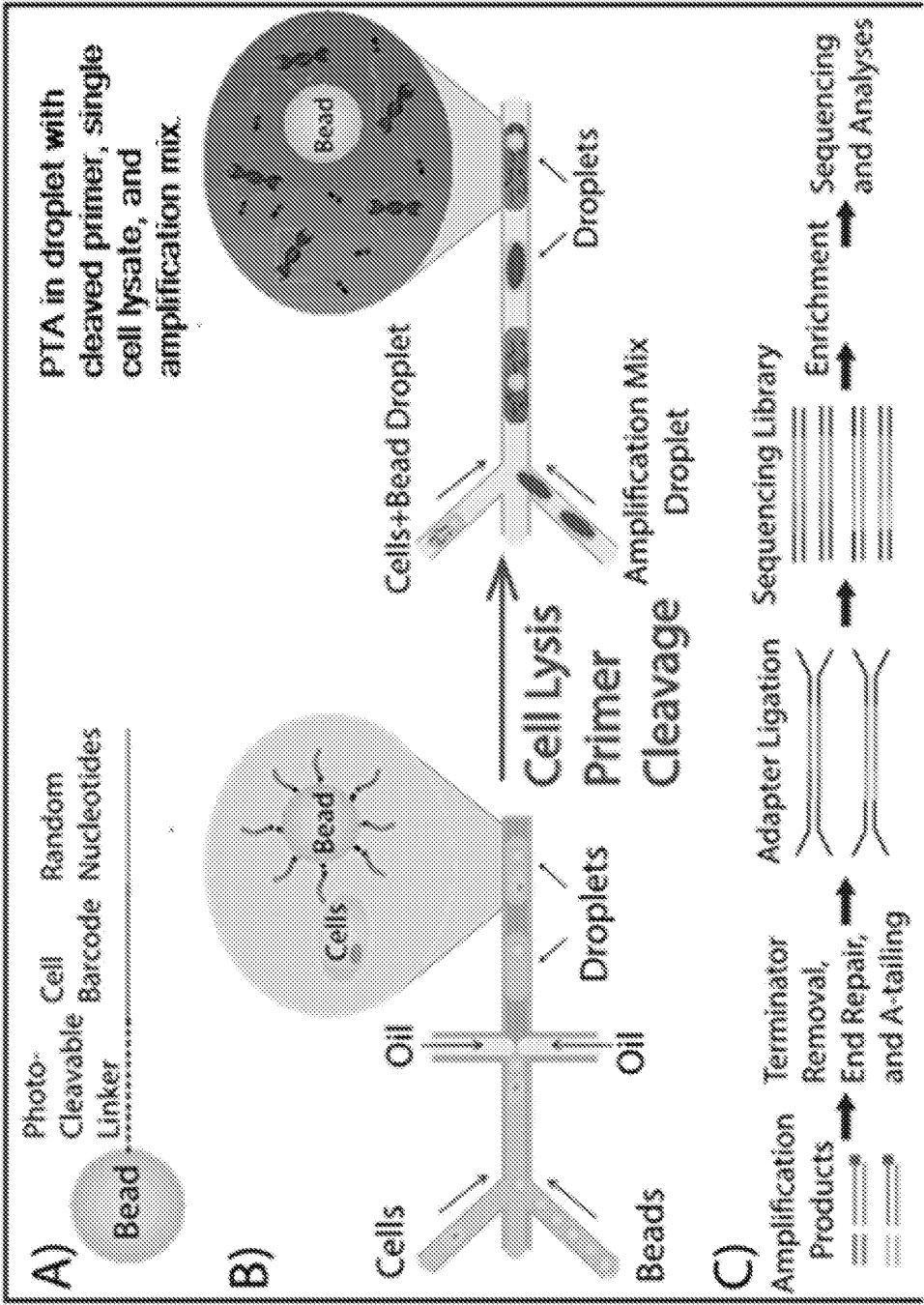


FIG. 6

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

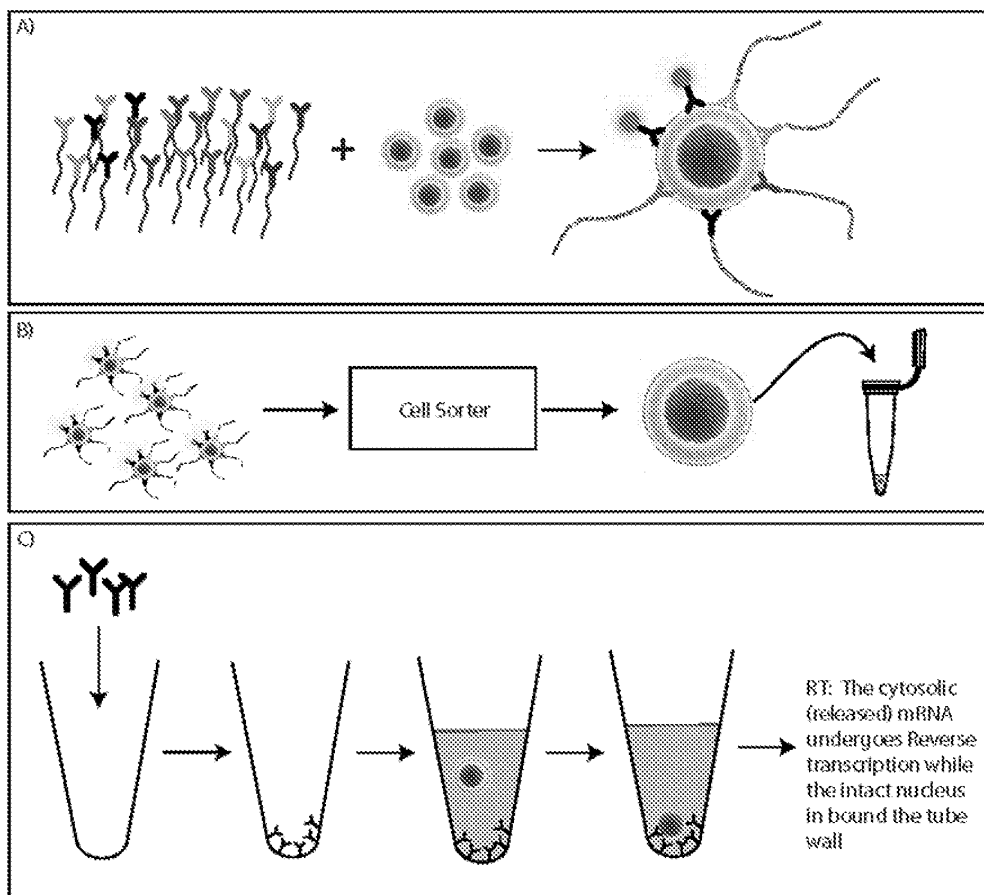


FIG. 7A

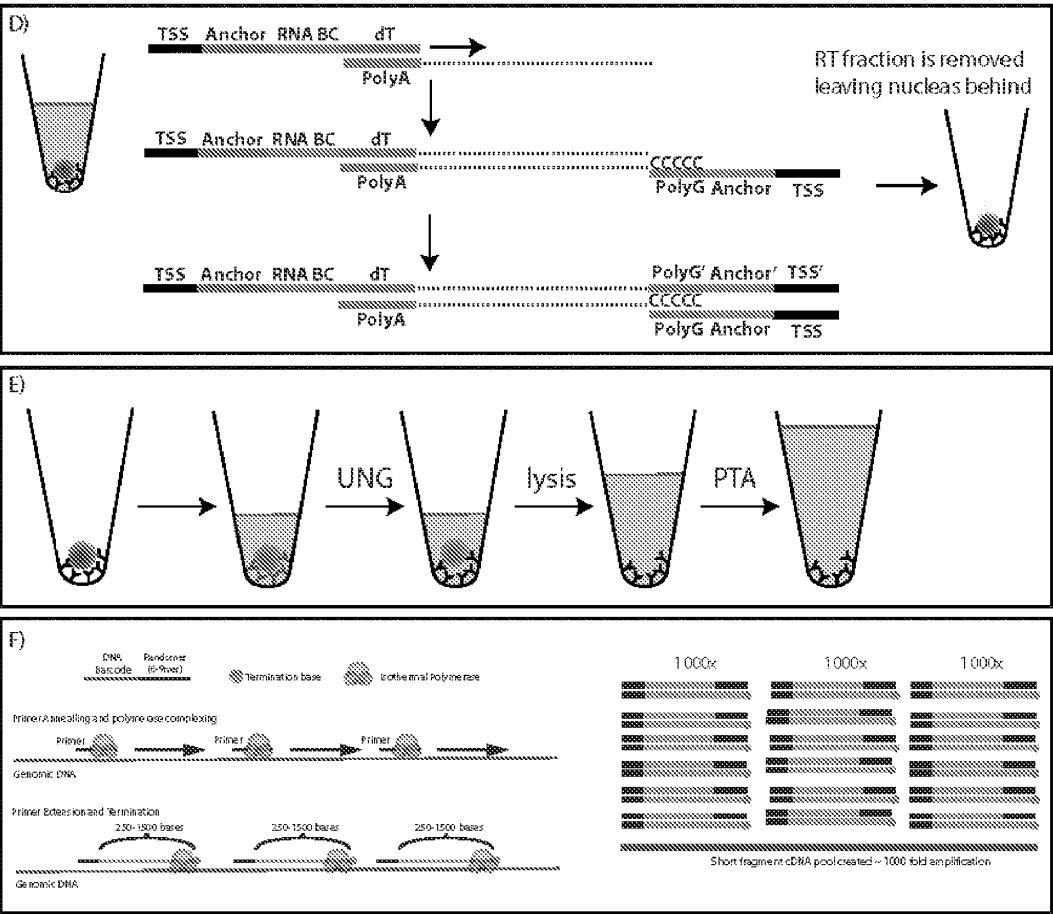


FIG. 7B

AATGATACGGCGGACCCGAGATCTACACGCTGTCCGCGGAAGCAGTGGTATCAACGCAGAGTACGG

P5 Adapter Read 1 primer Template switch

FIG. 8A

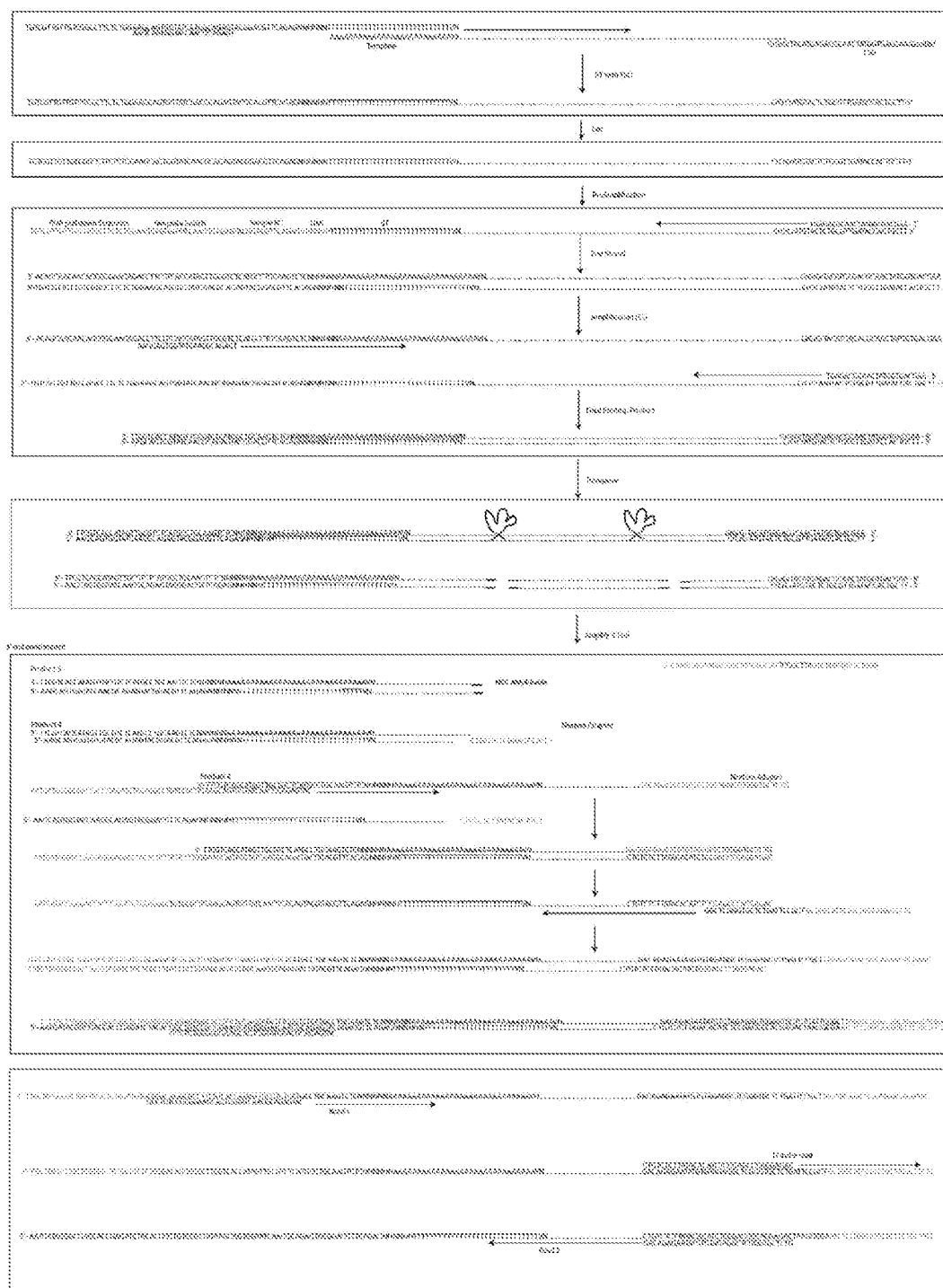


FIG. 8B

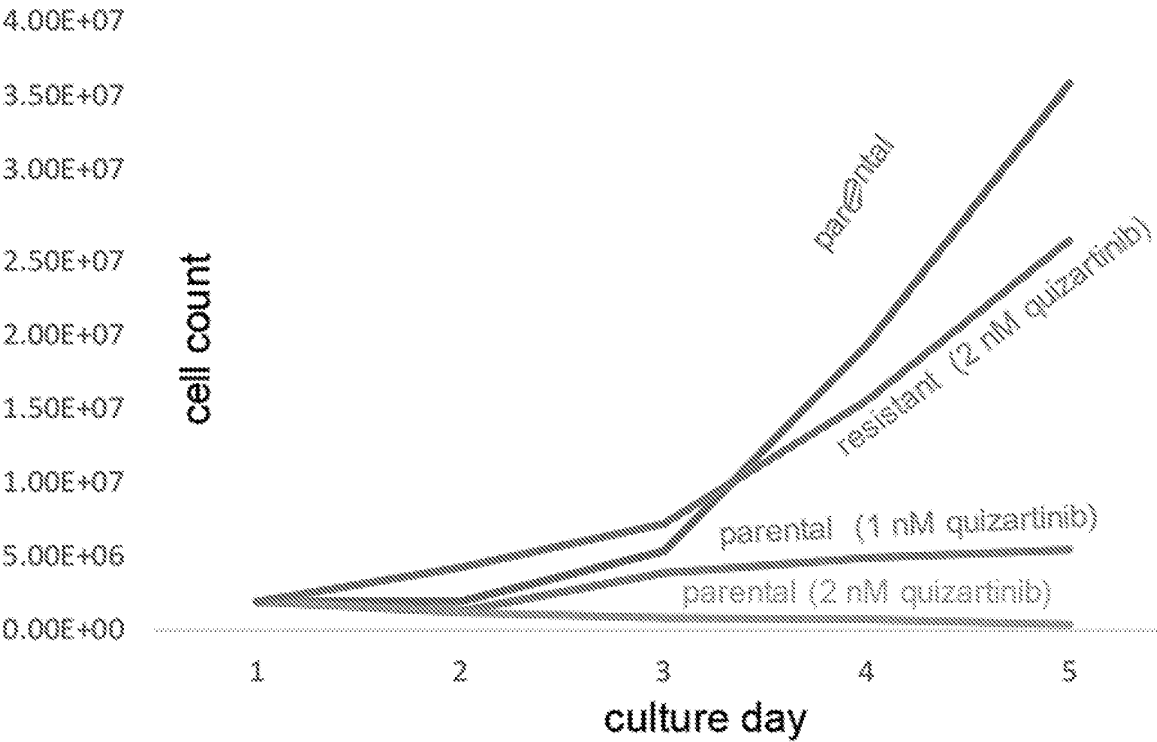


FIG. 9A

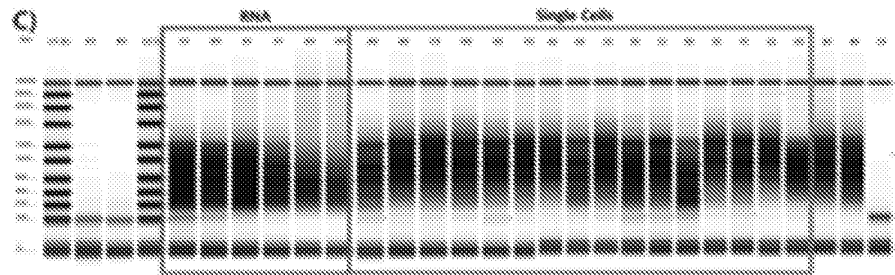


FIG. 9B

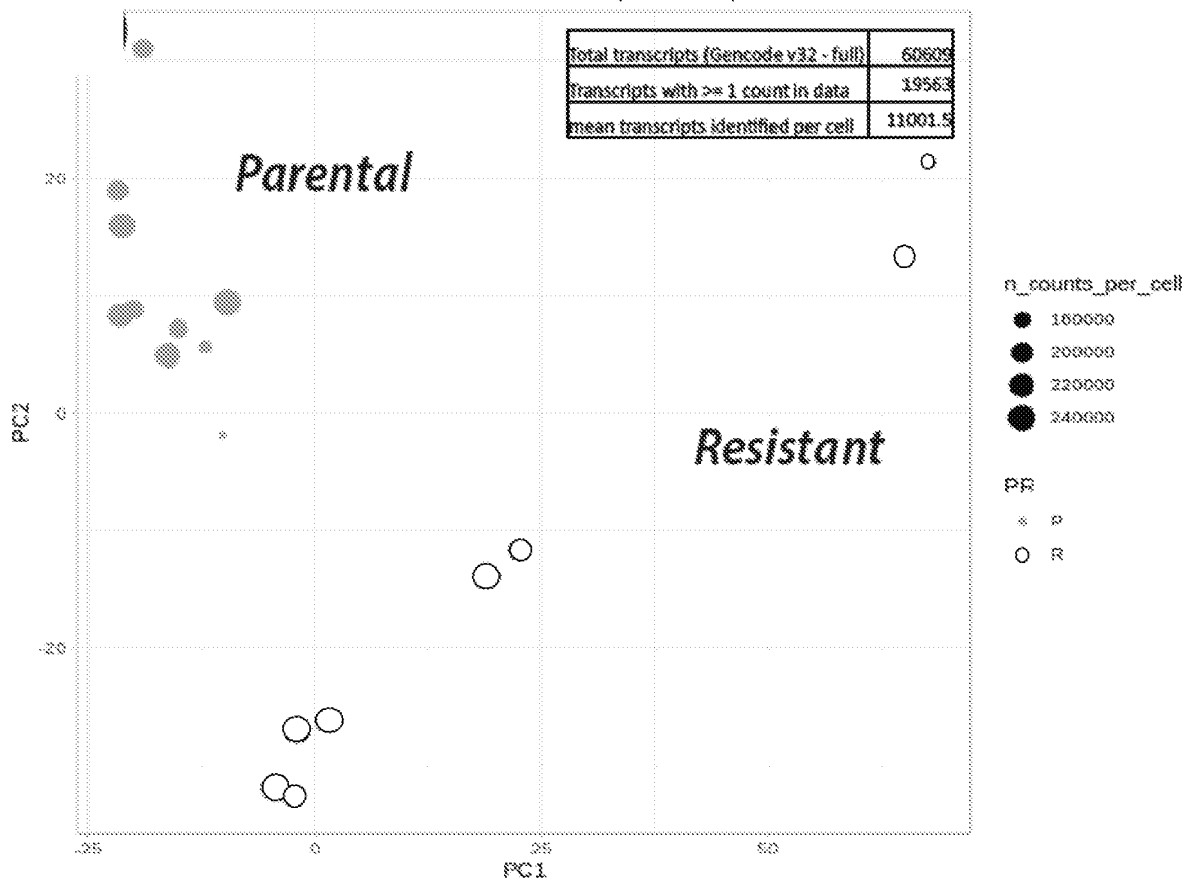
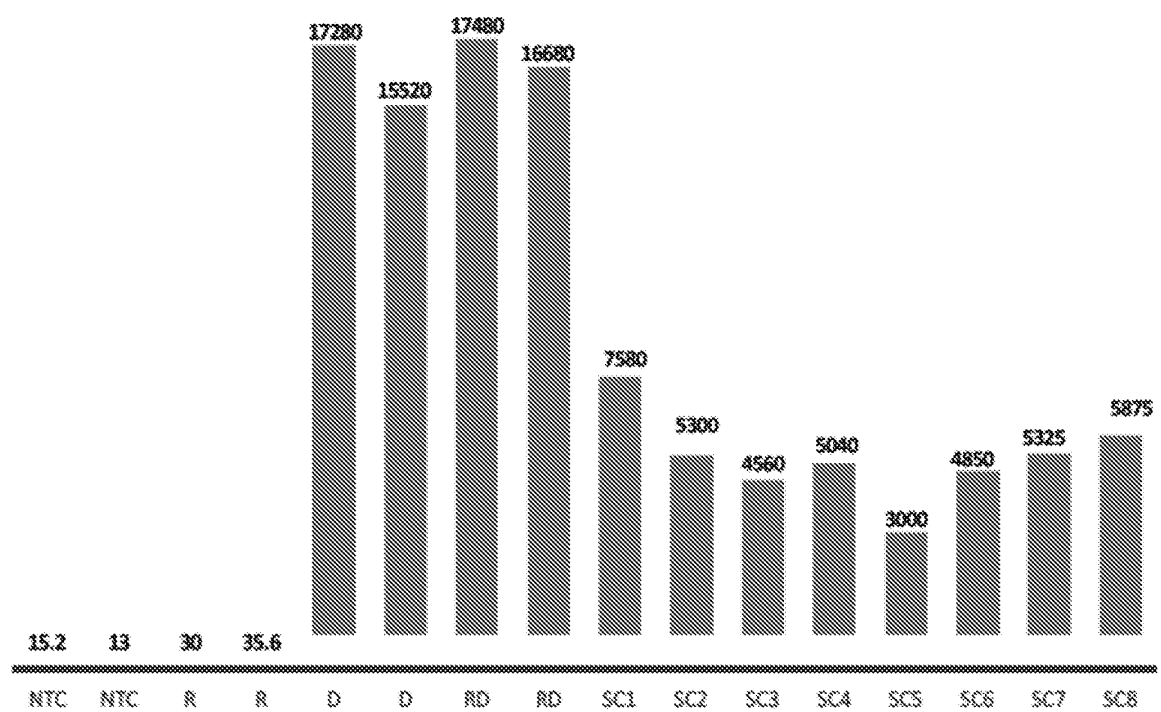
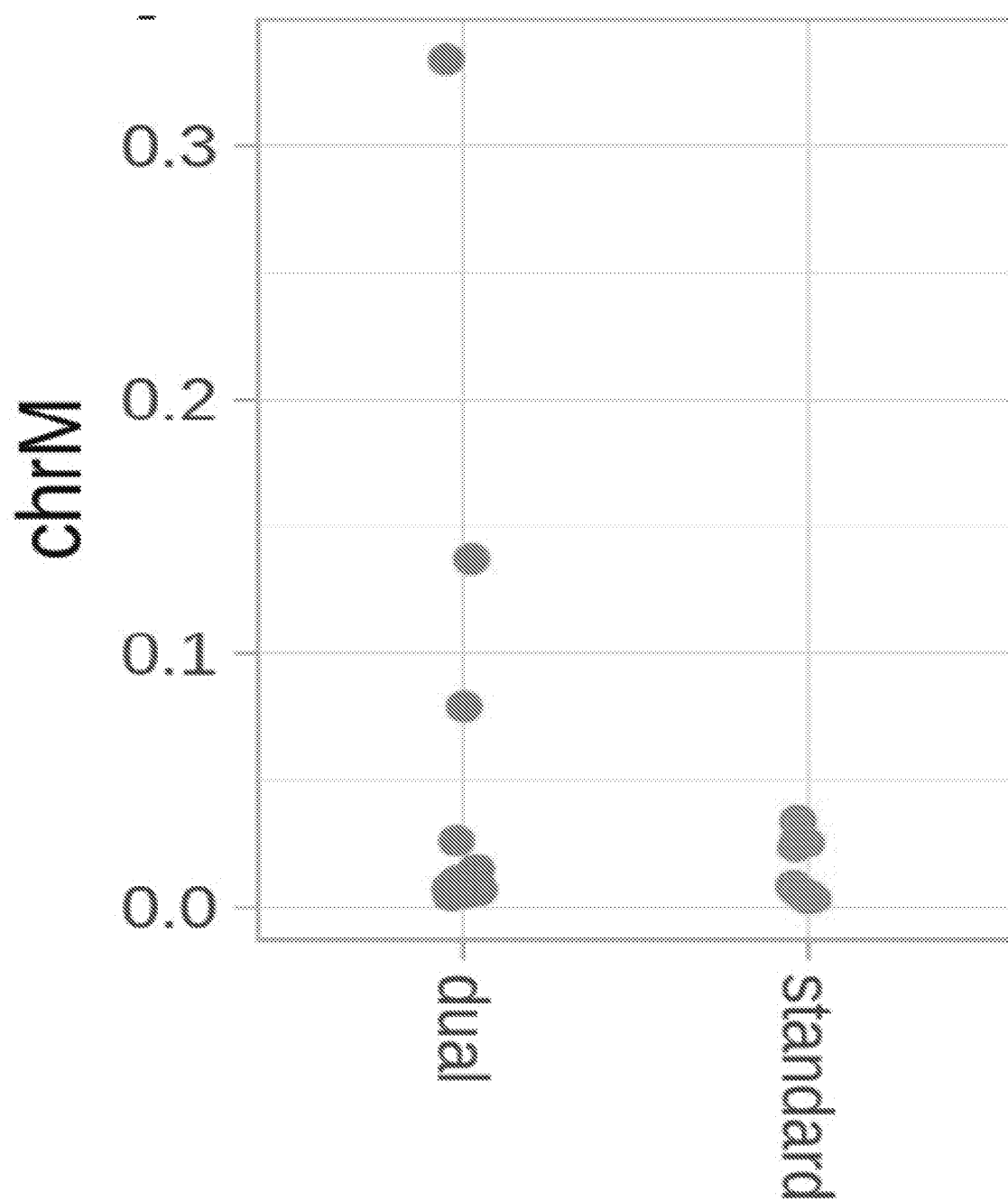


FIG. 9C

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**FIG. 9D**

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**FIG. 10A**

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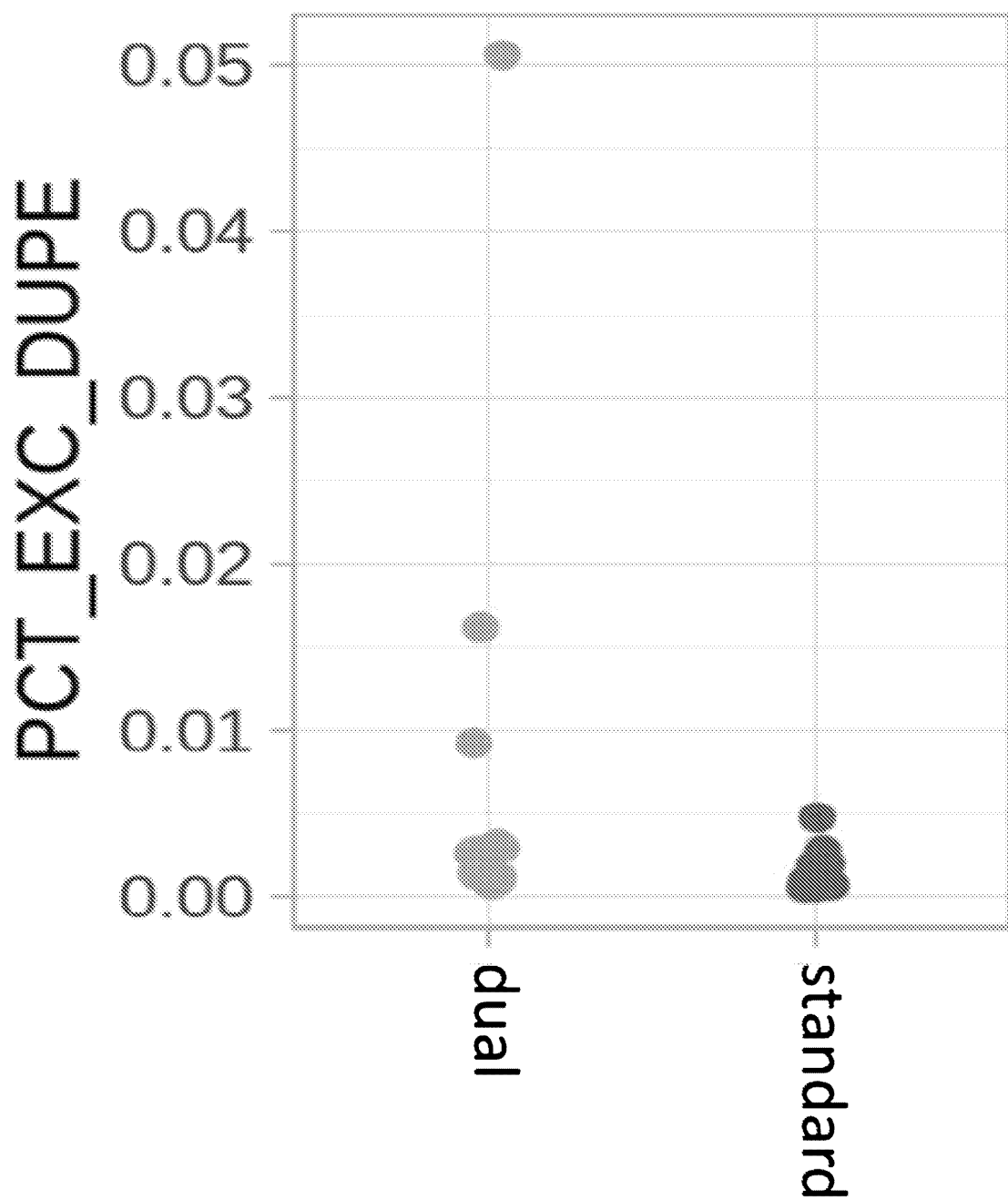


FIG. 10B

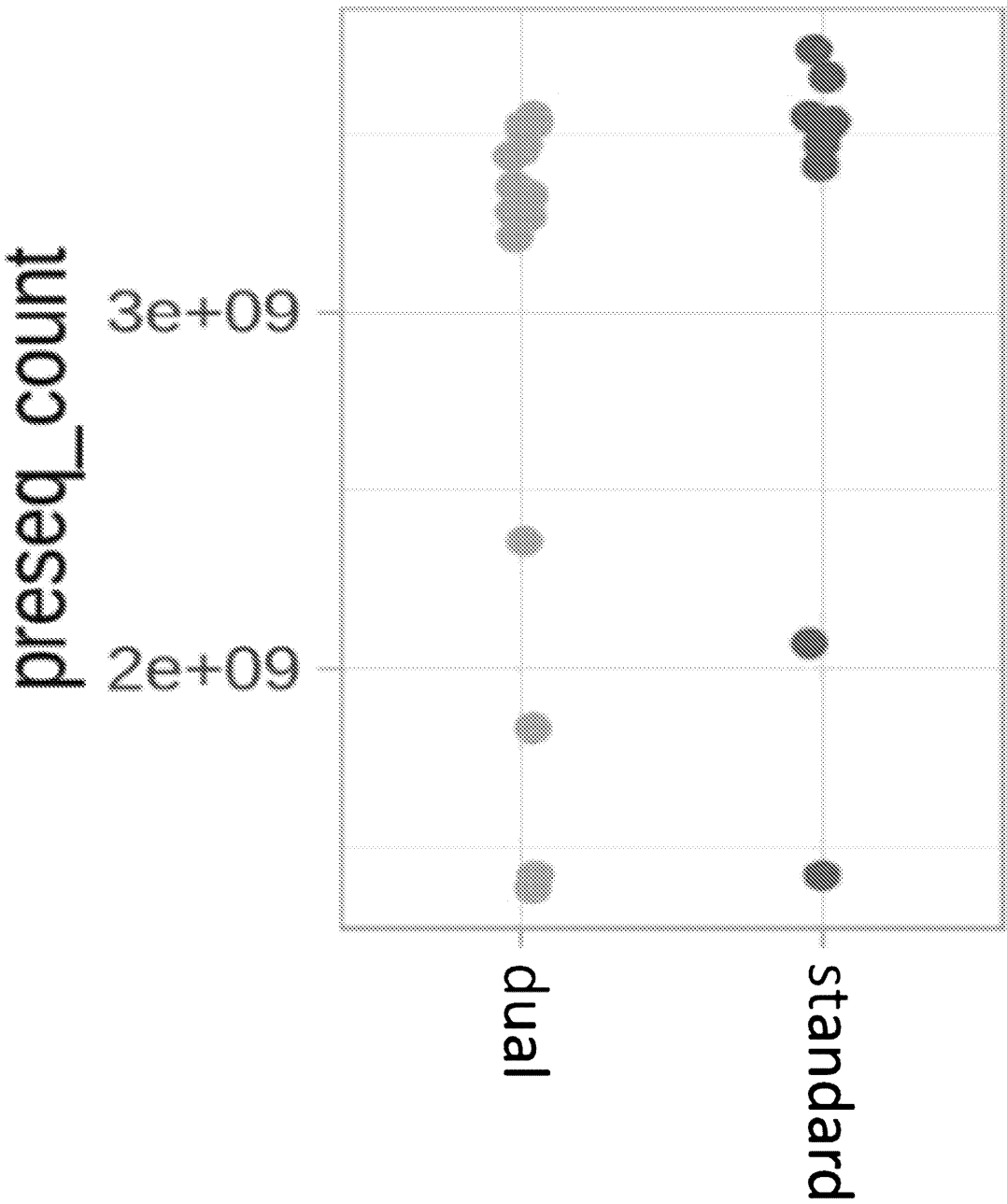


FIG. 10C

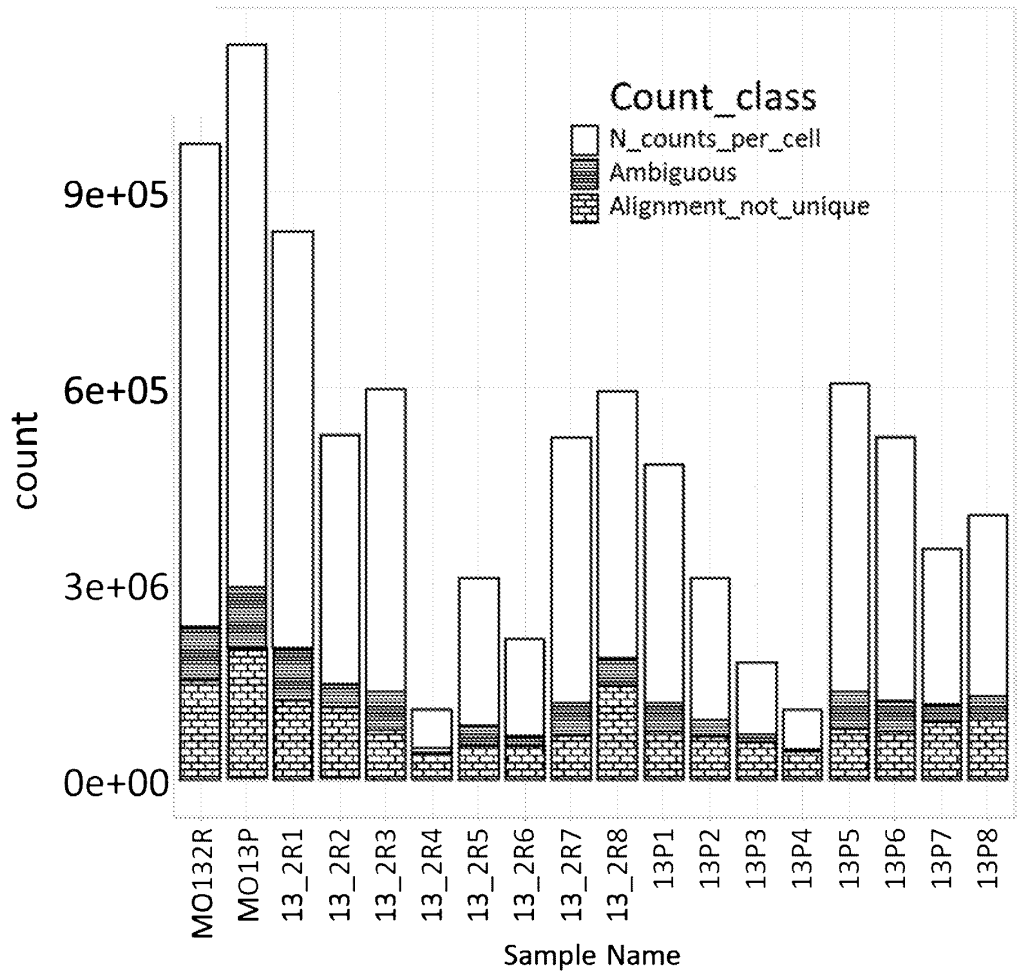


FIG. 10D

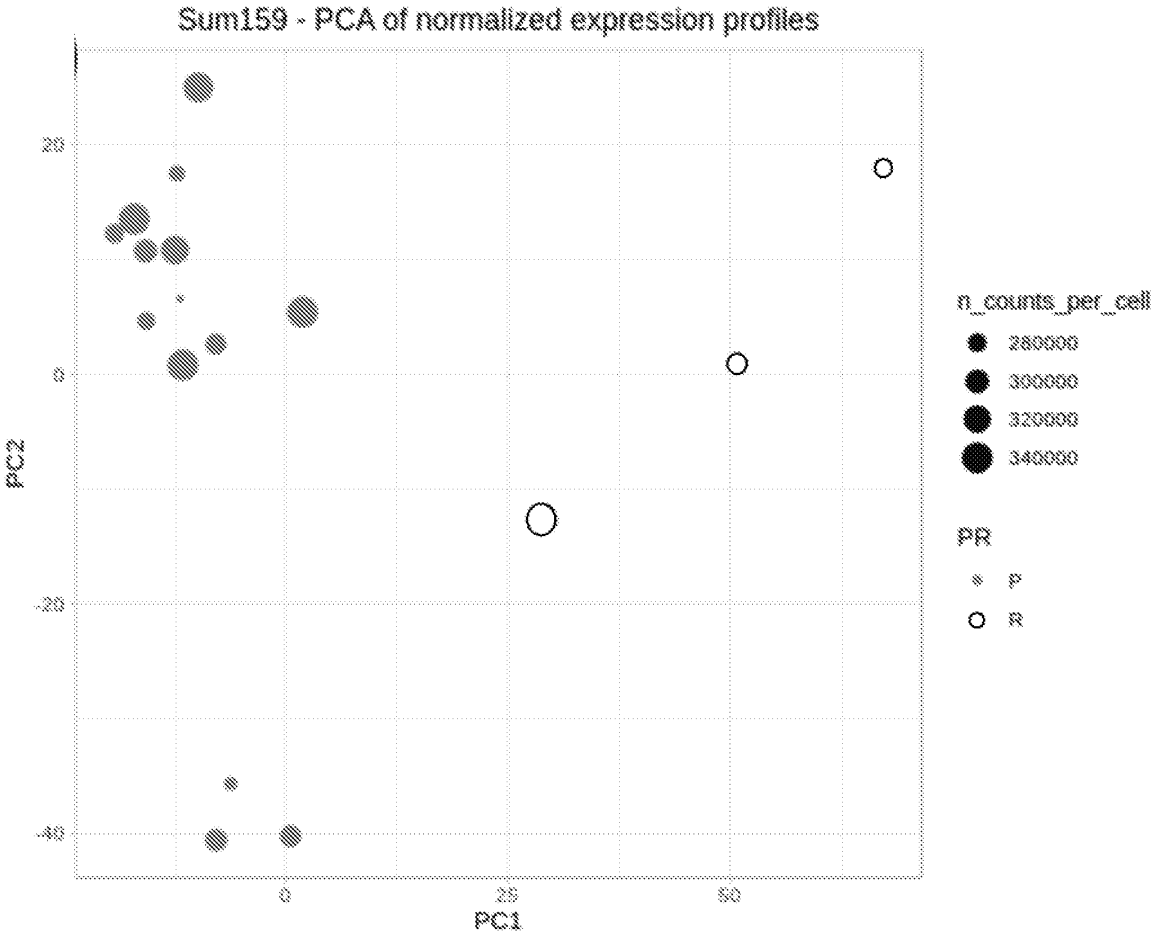


FIG. 10E

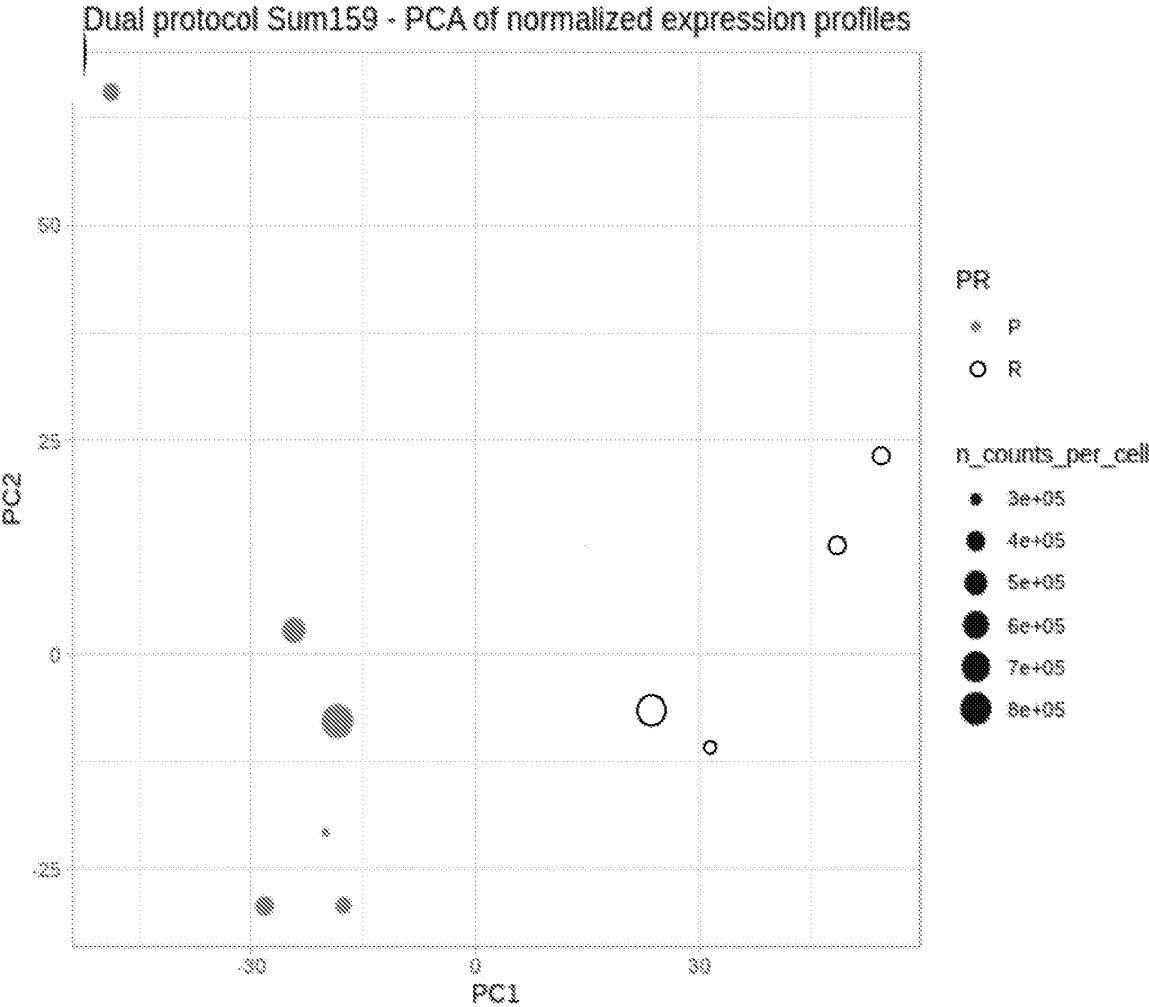


FIG. 10F

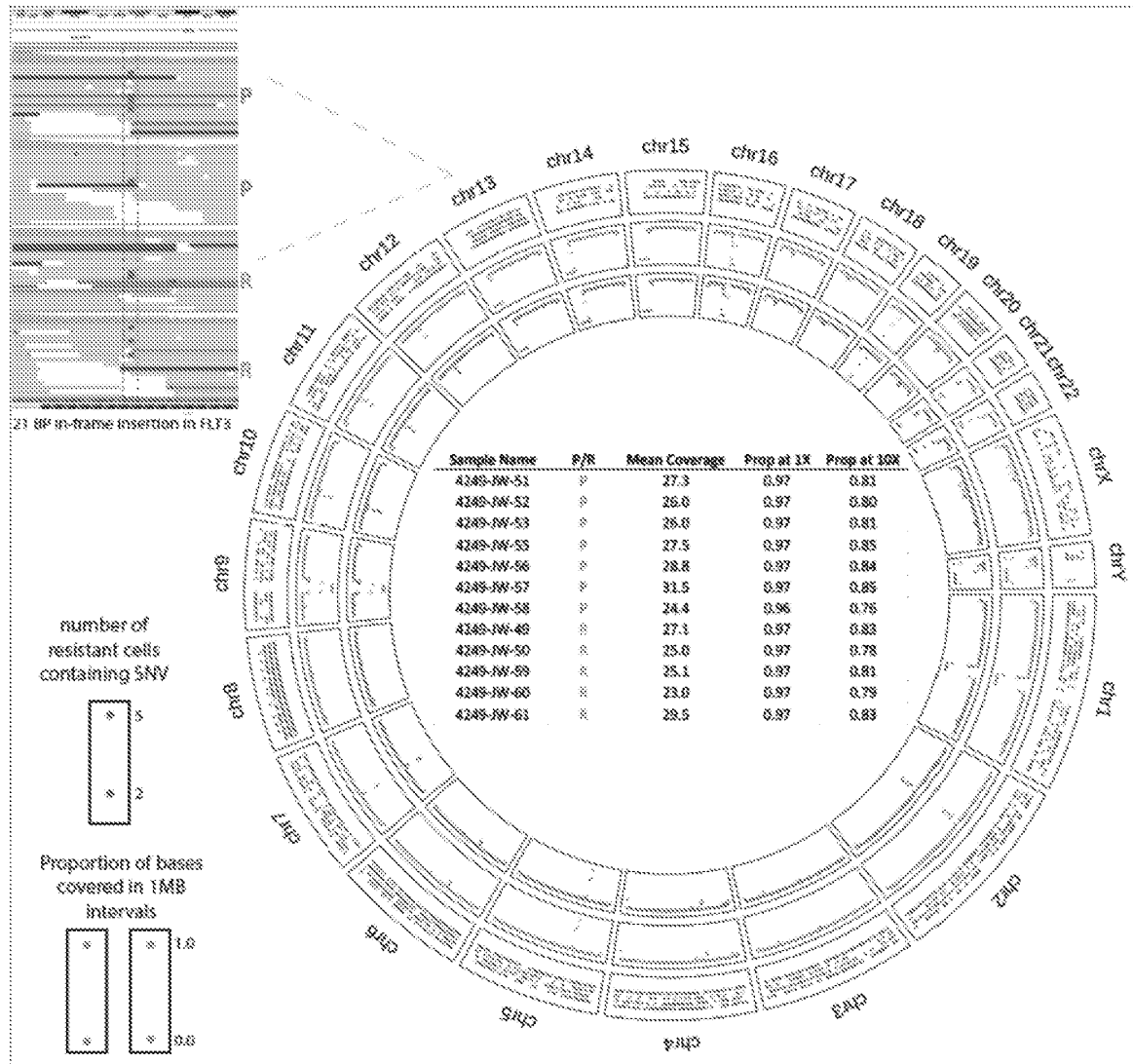


FIG. 11A

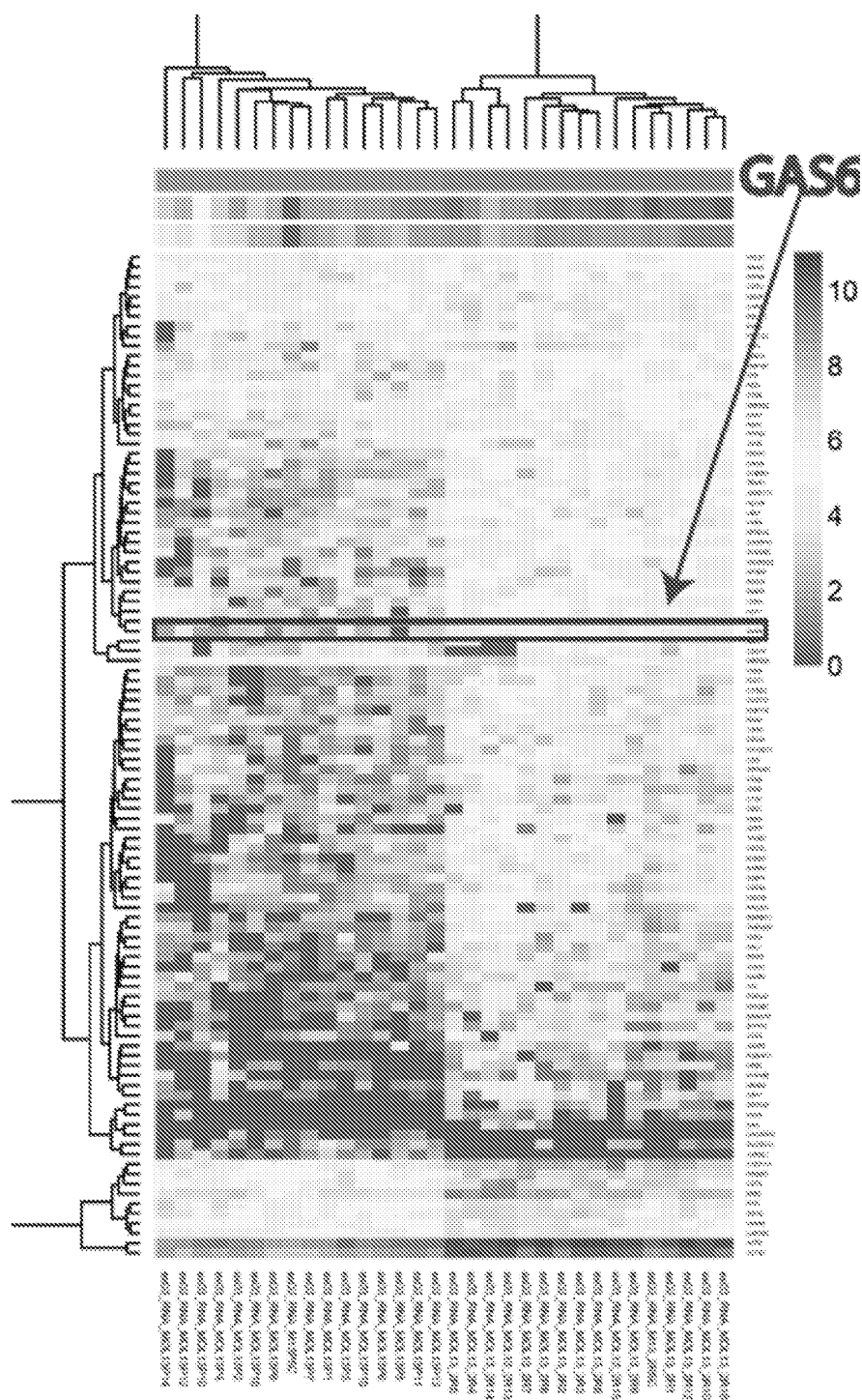
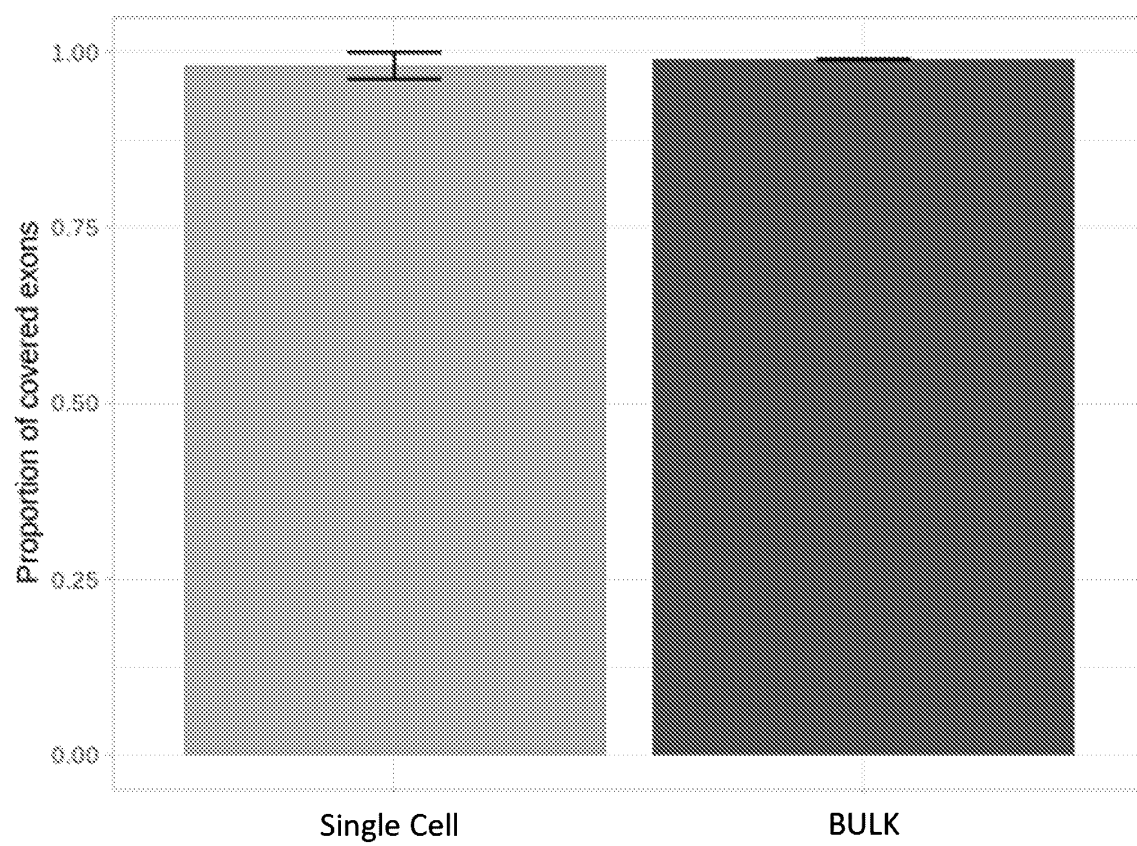
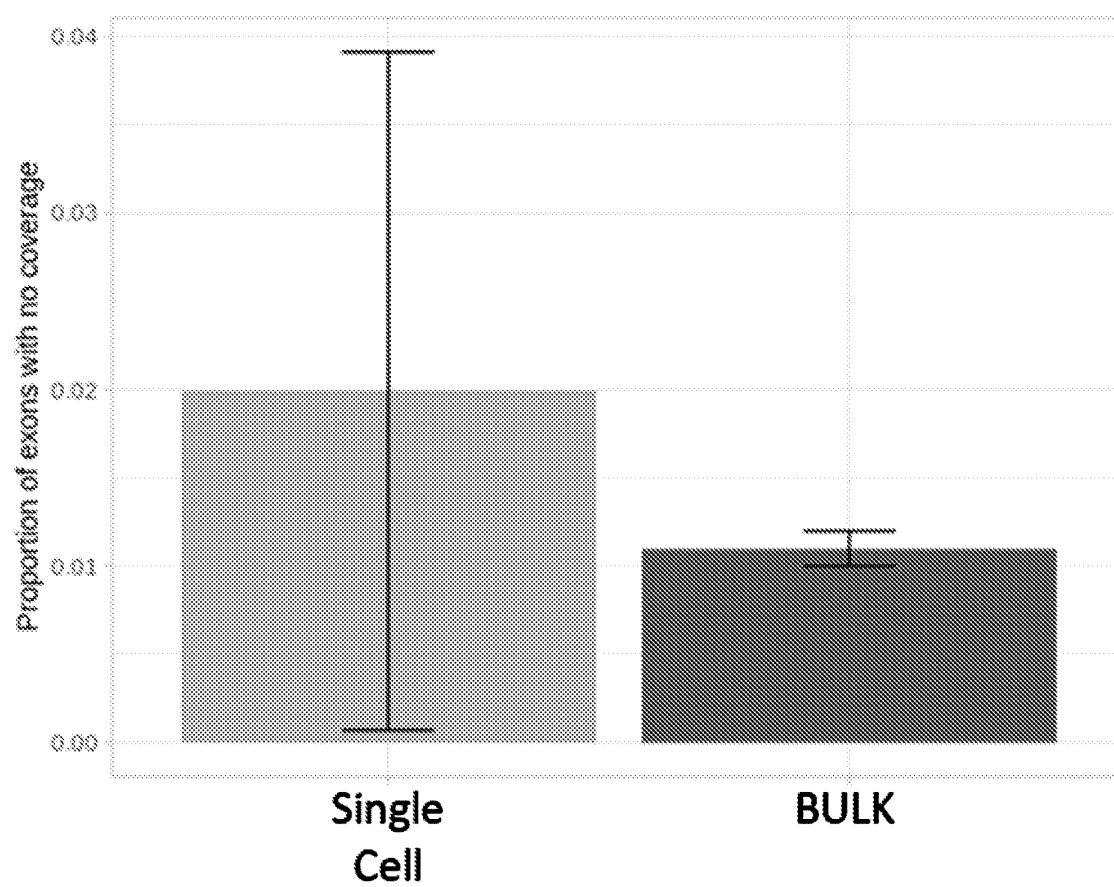


FIG. 11B

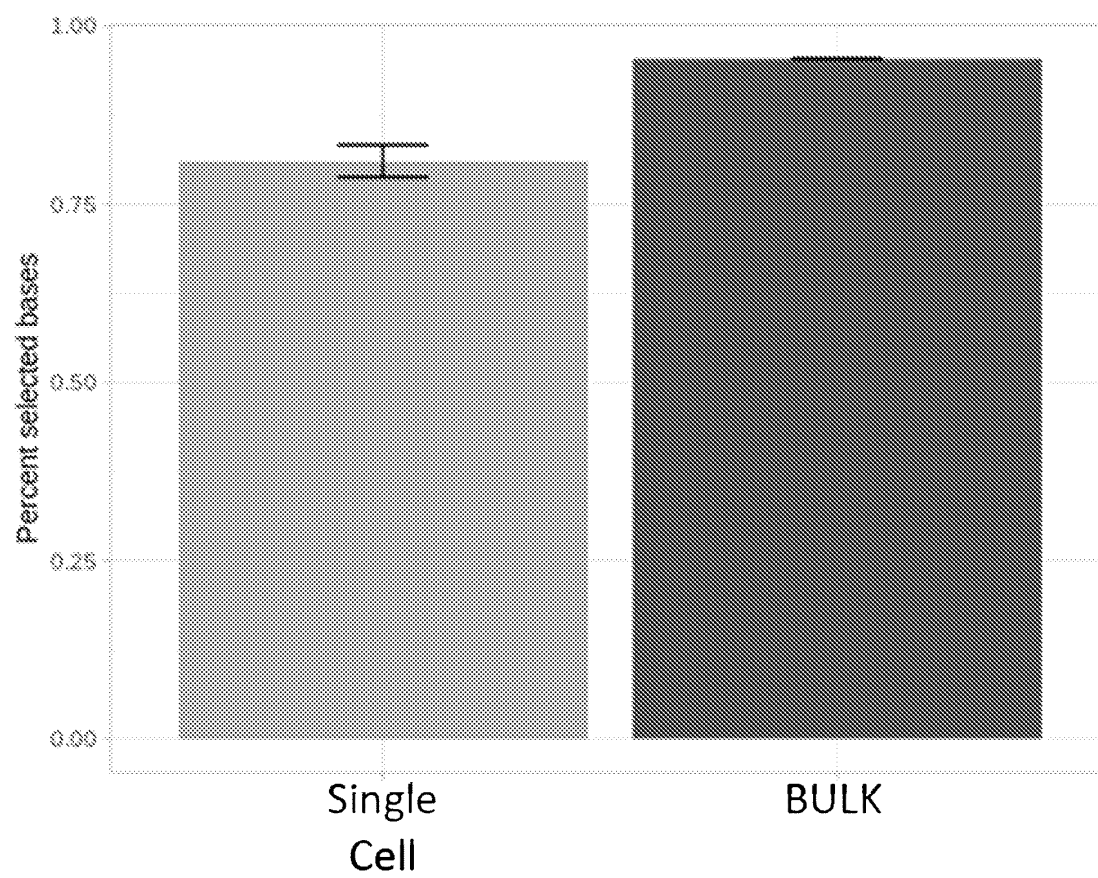
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**FIG. 12A**

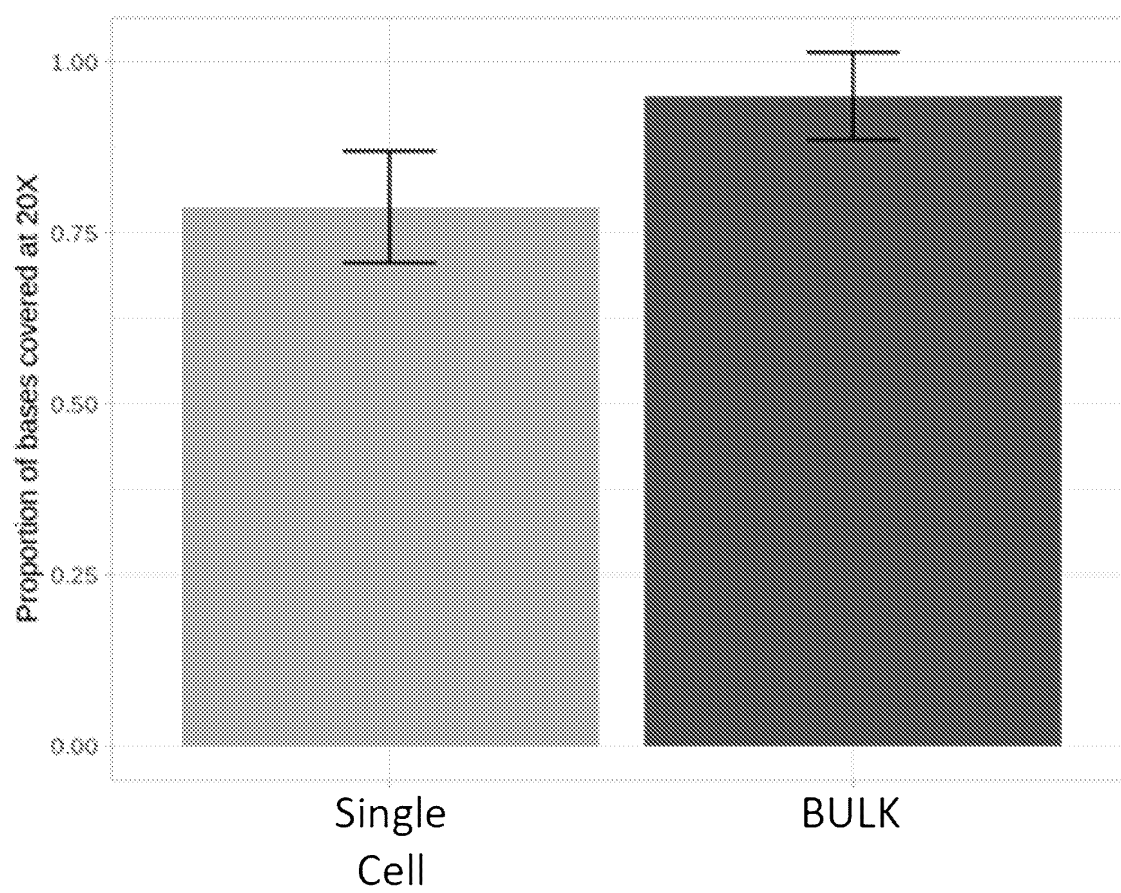
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**FIG. 12B**

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**FIG. 12C**

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**FIG. 12D**

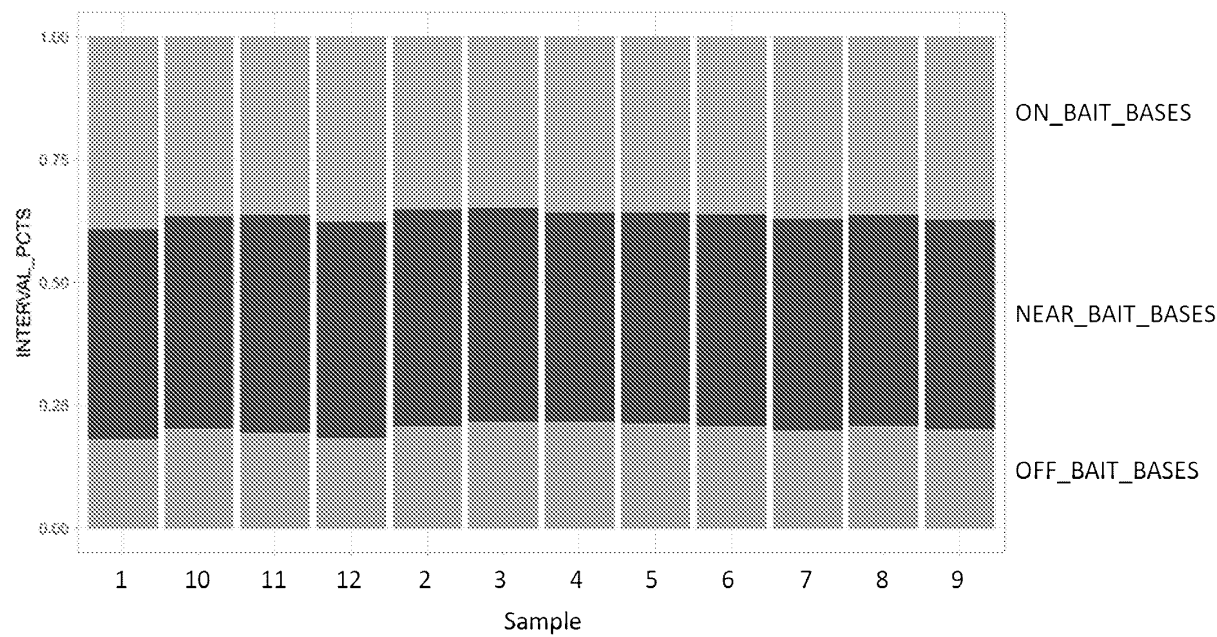


FIG. 13A

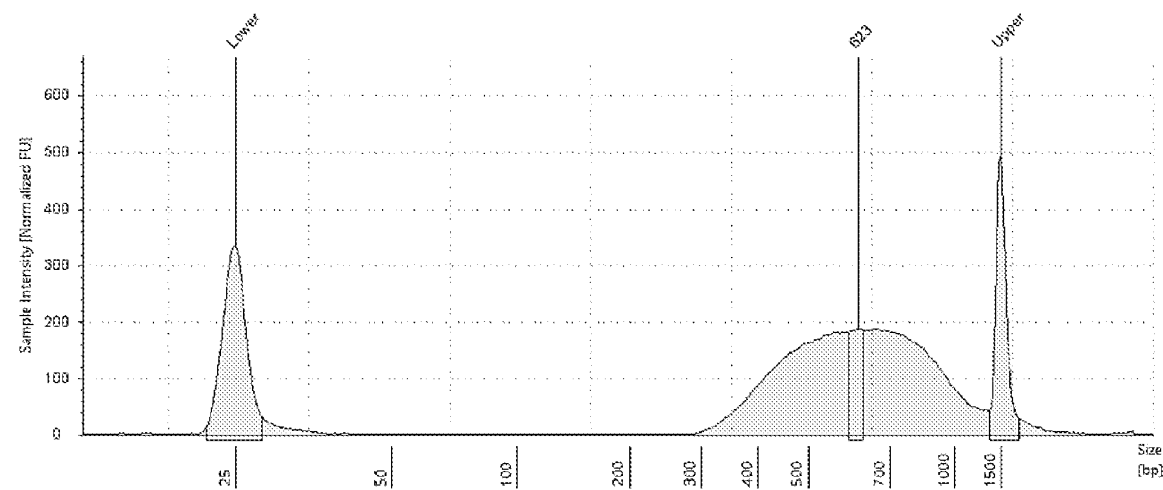
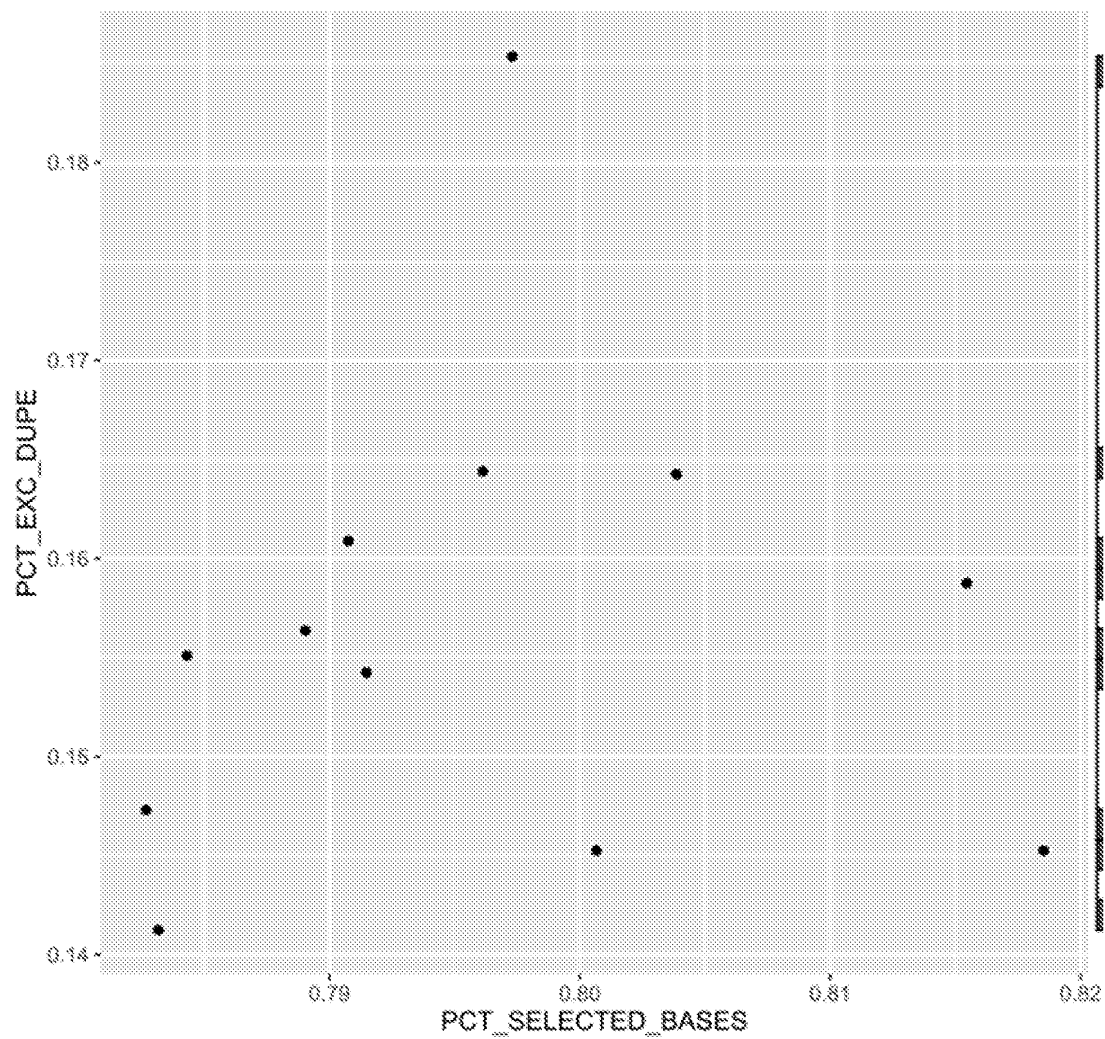
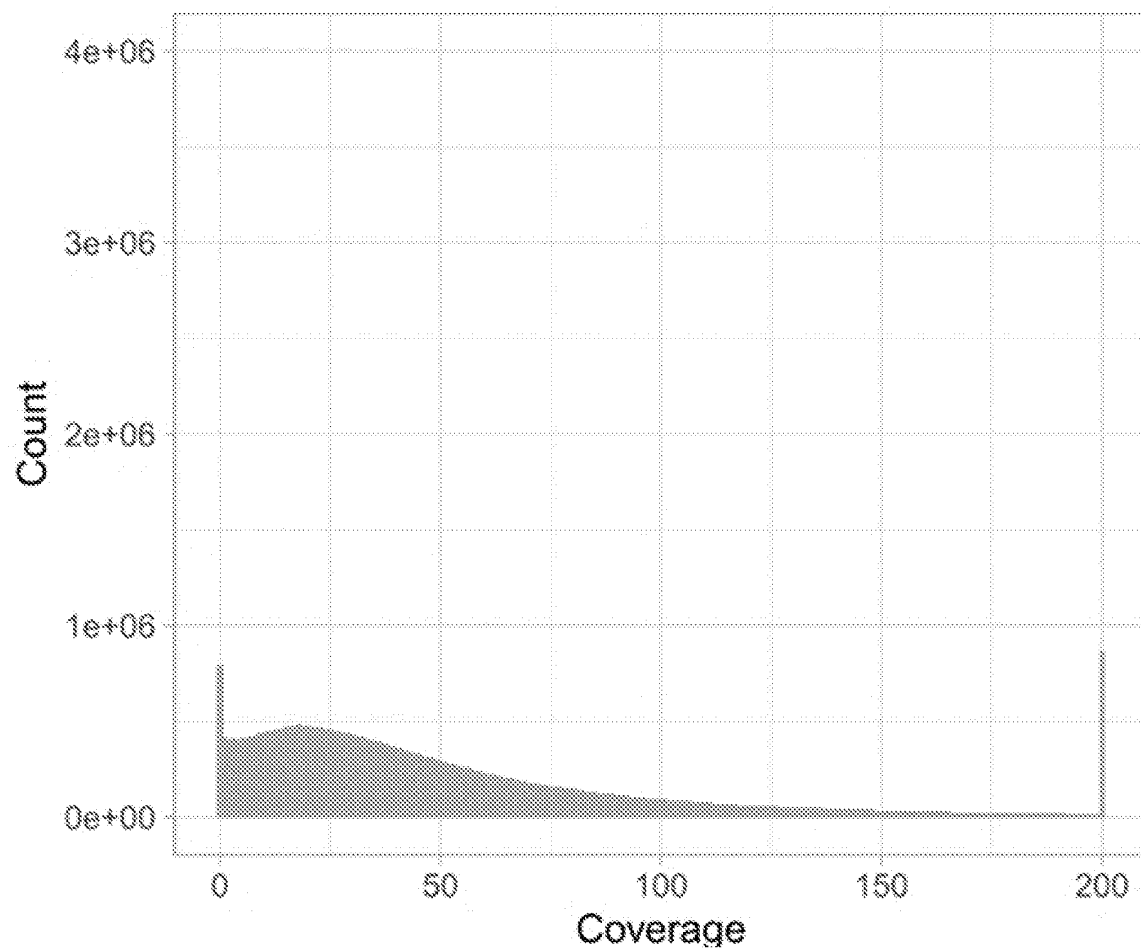


FIG. 13B

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**FIG. 14A**

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**FIG. 14B**