

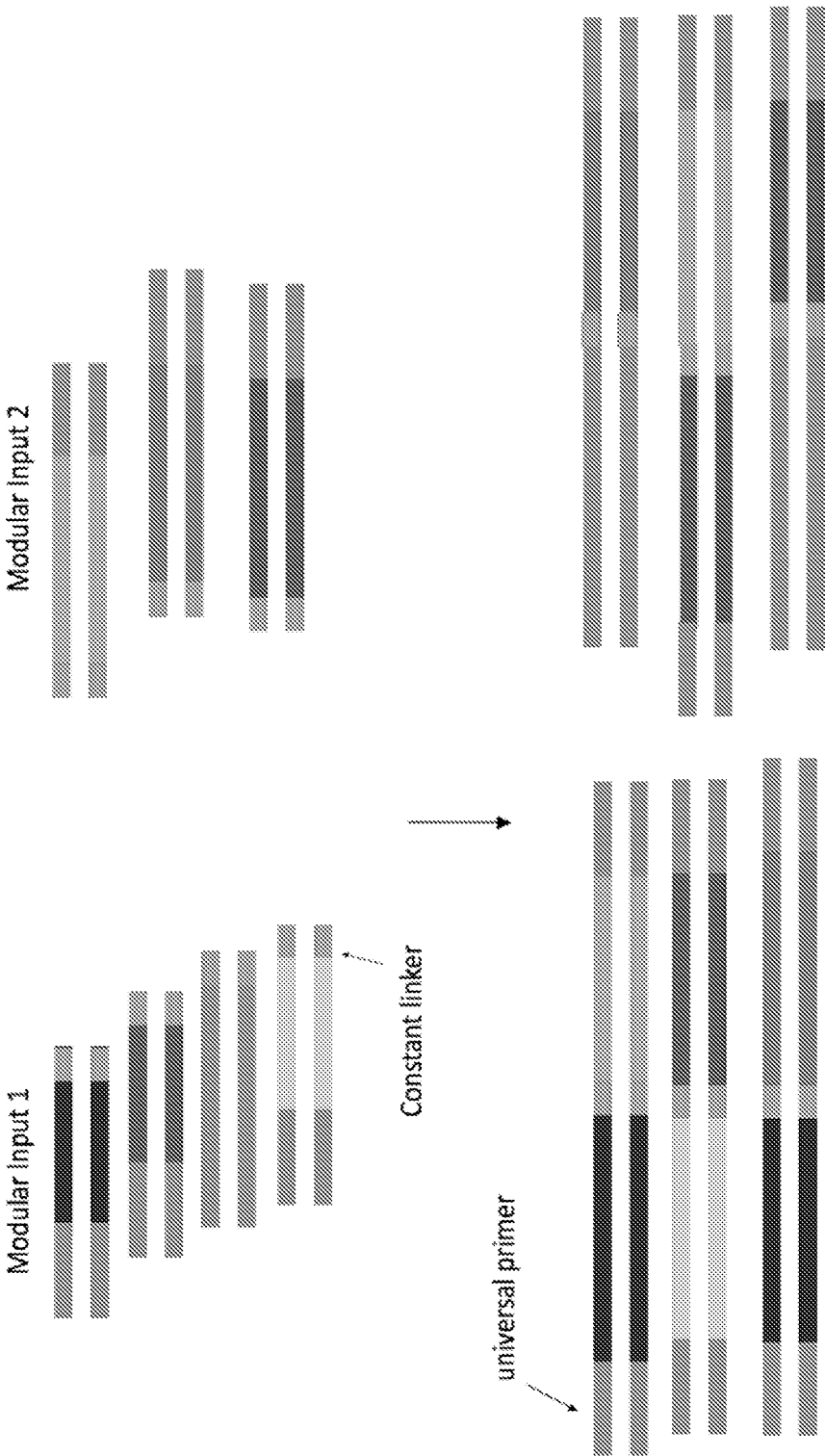
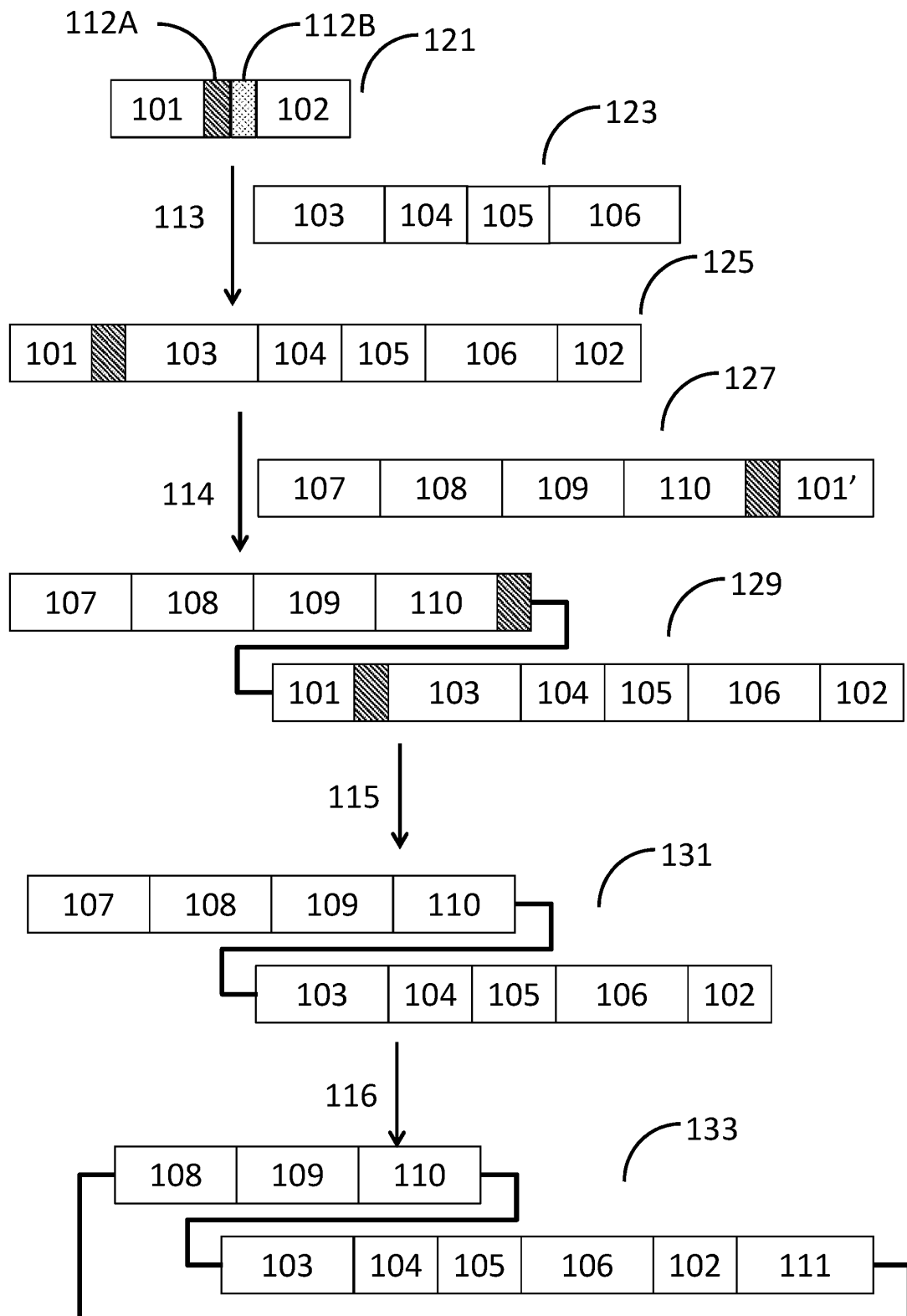
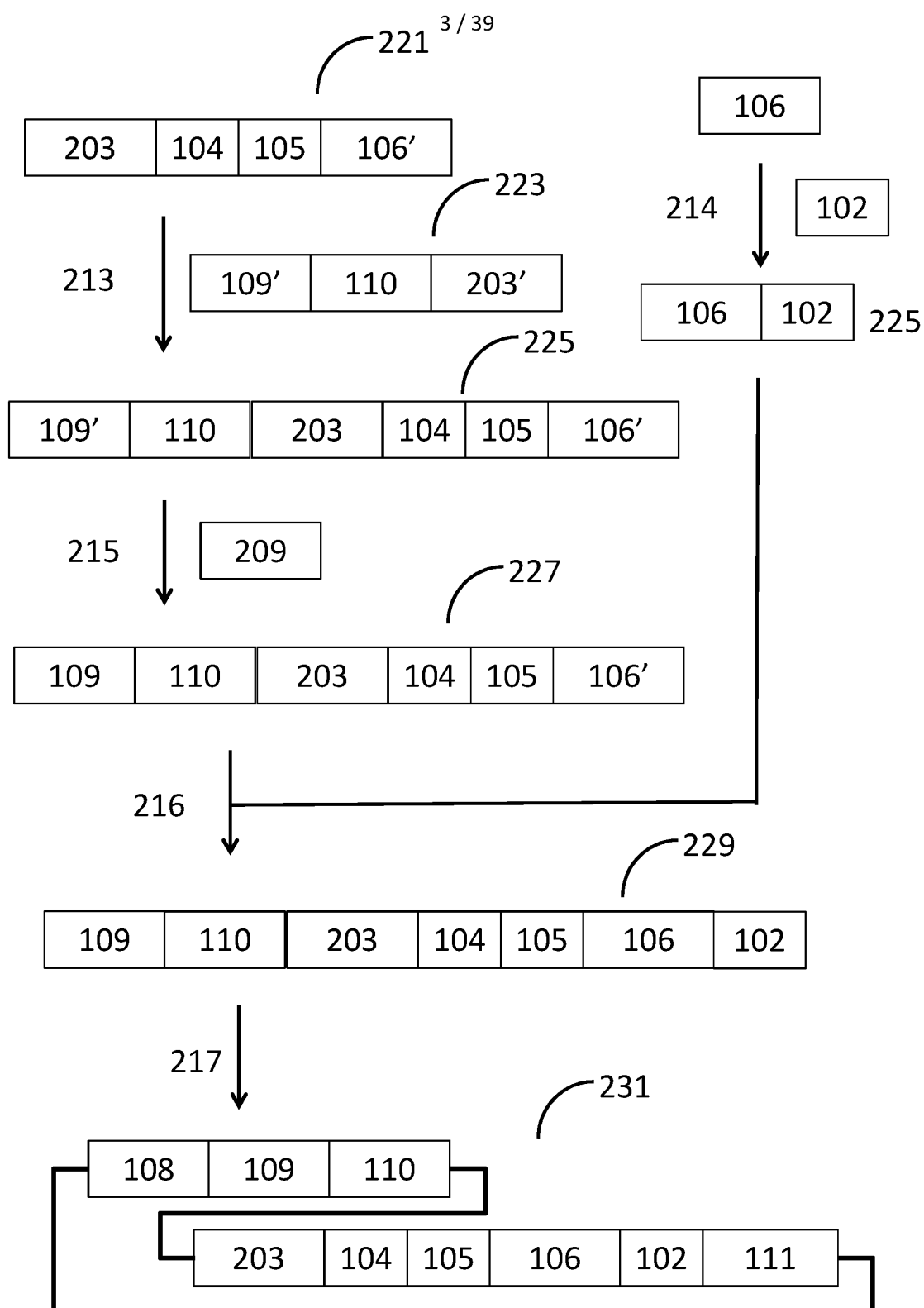


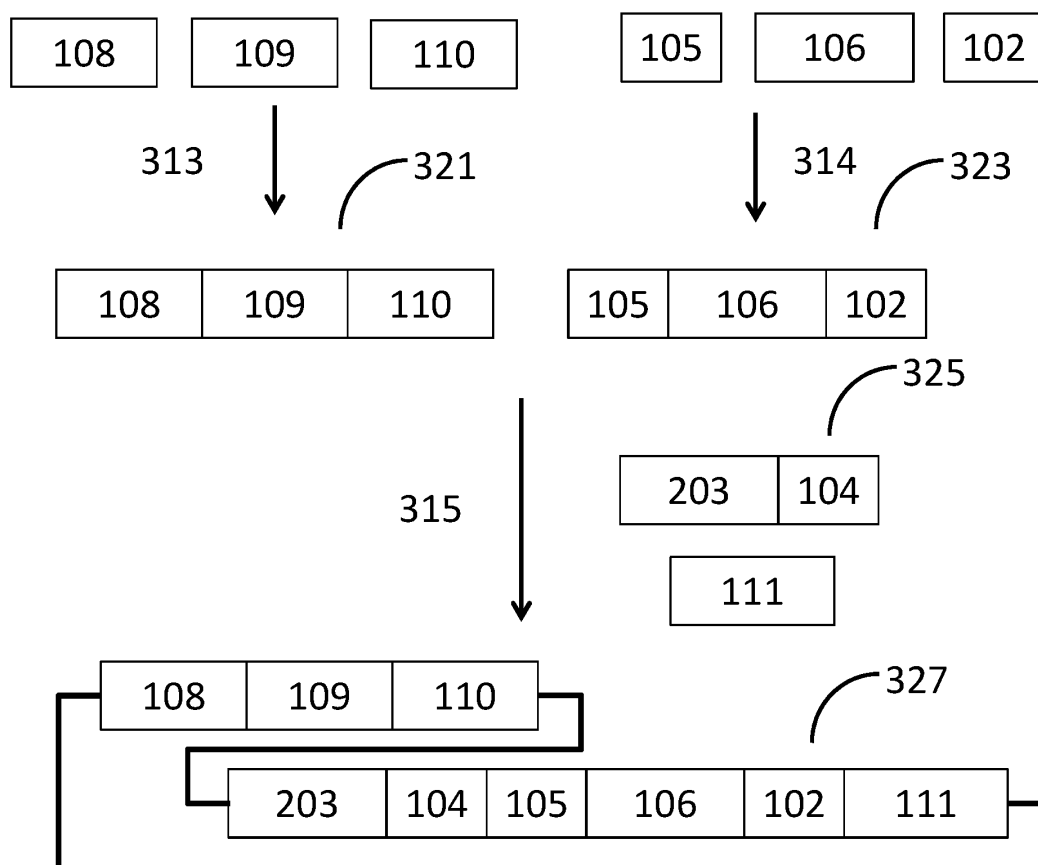
FIG. 1A

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**FIG. 1B**

**FIG. 2**

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**FIG. 3**

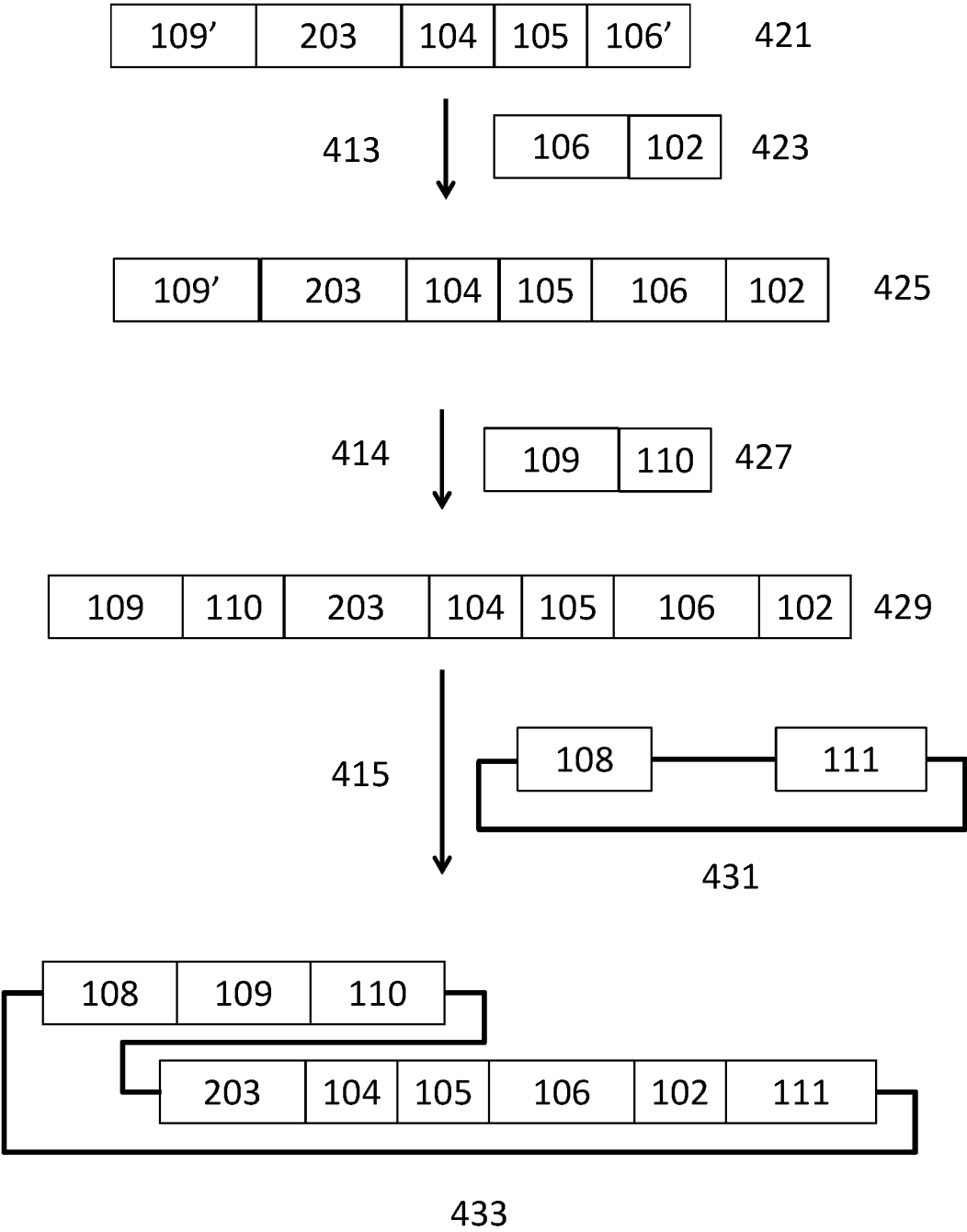
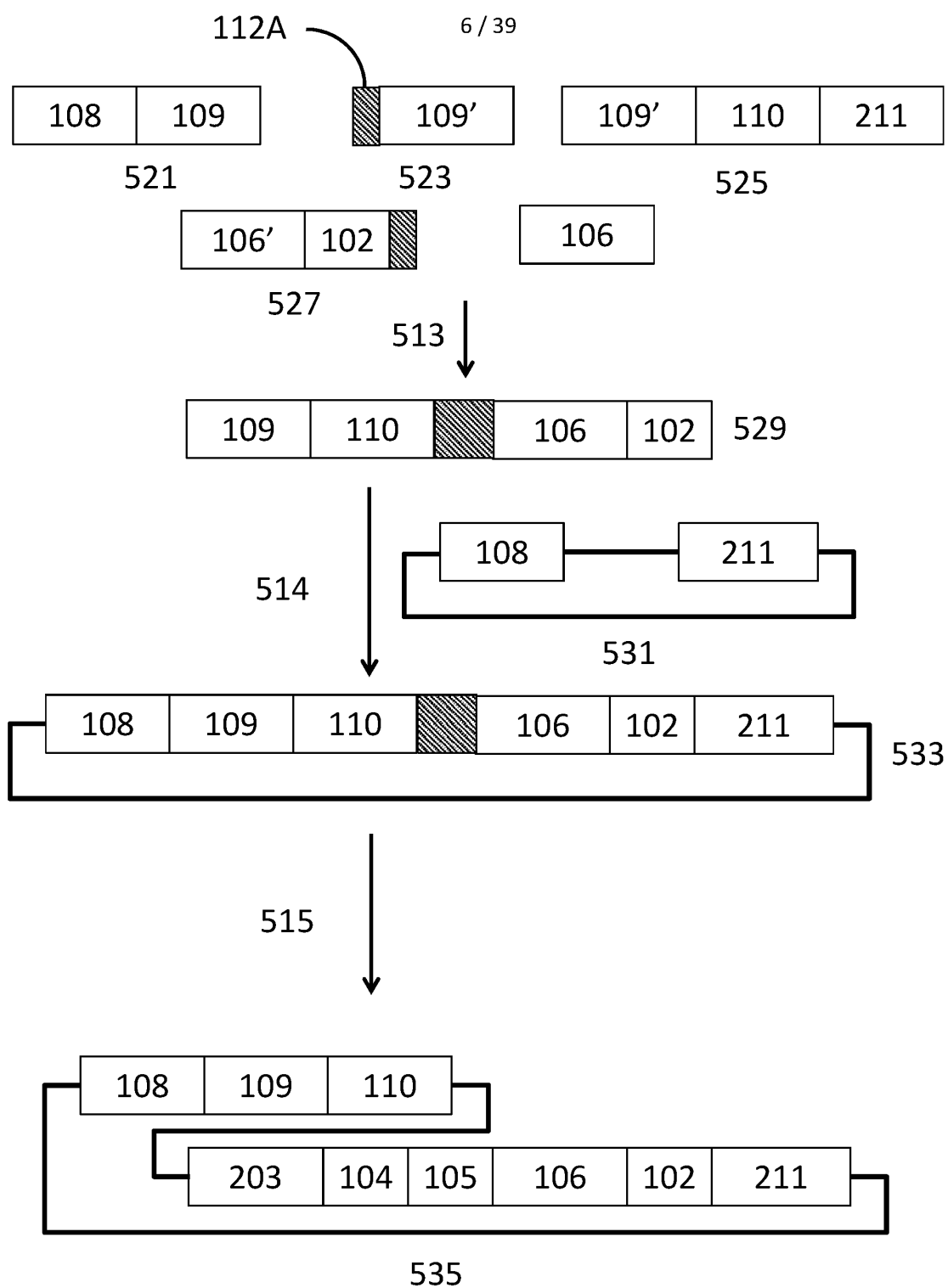
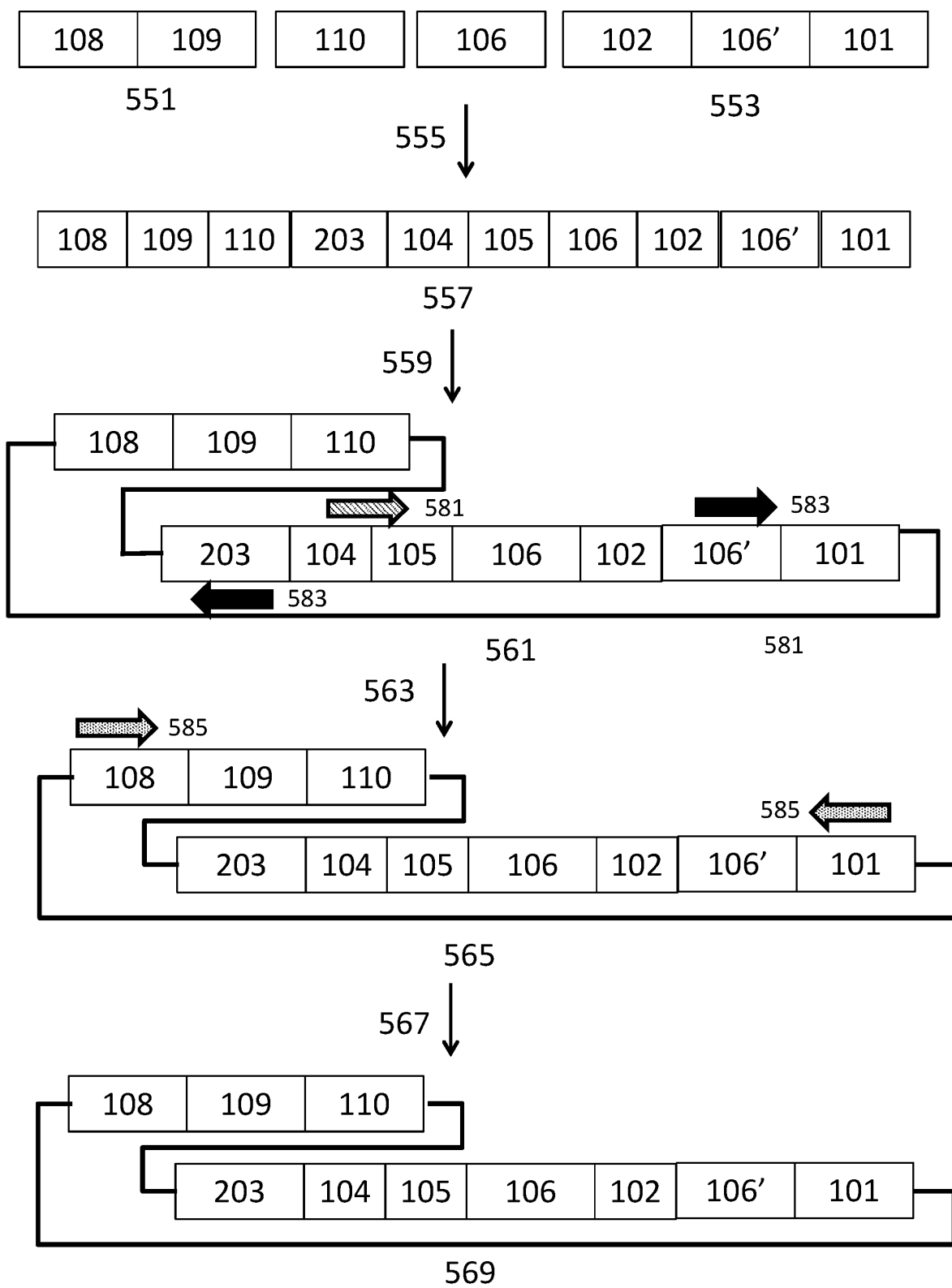


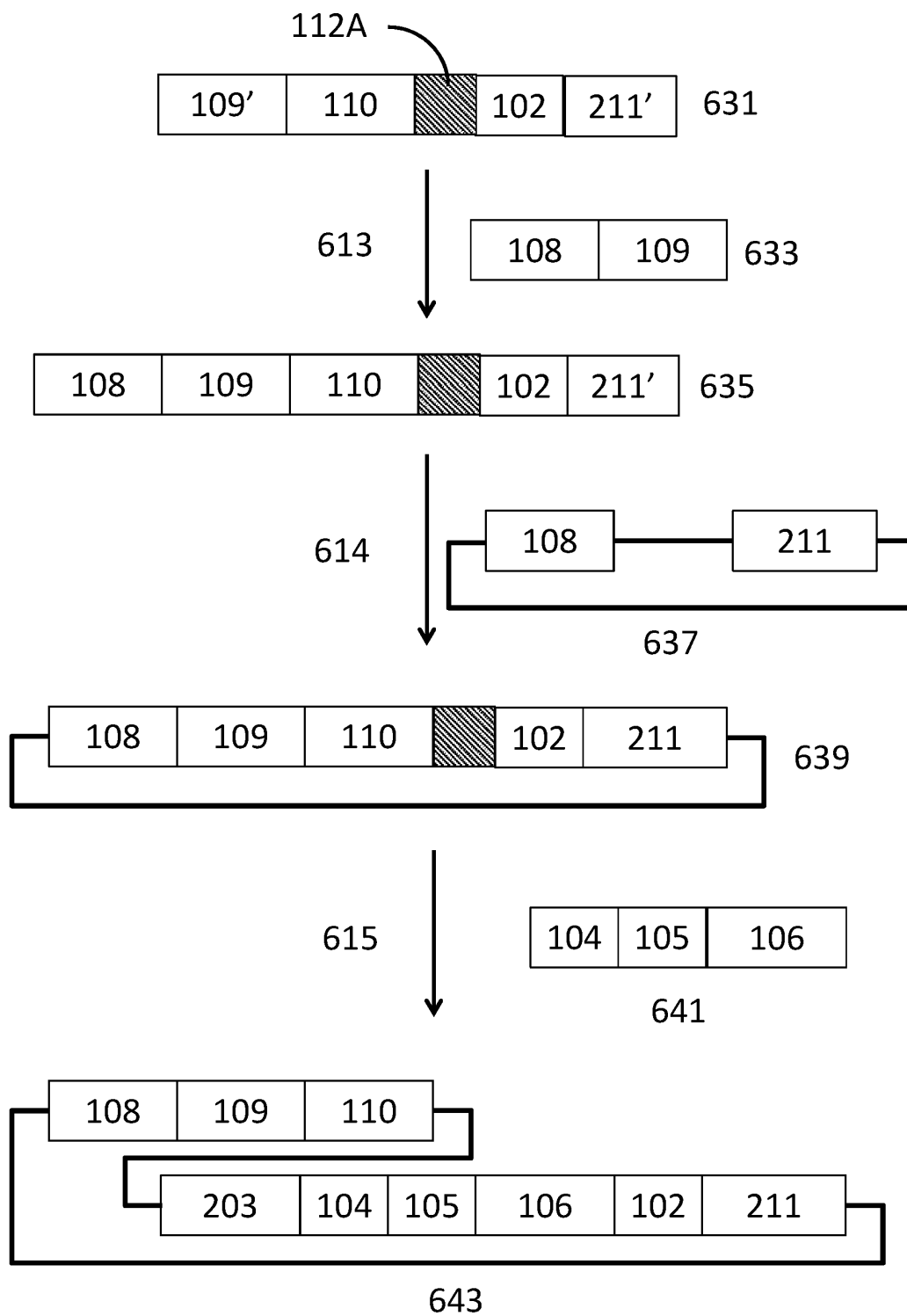
FIG. 4

**FIG. 5A**

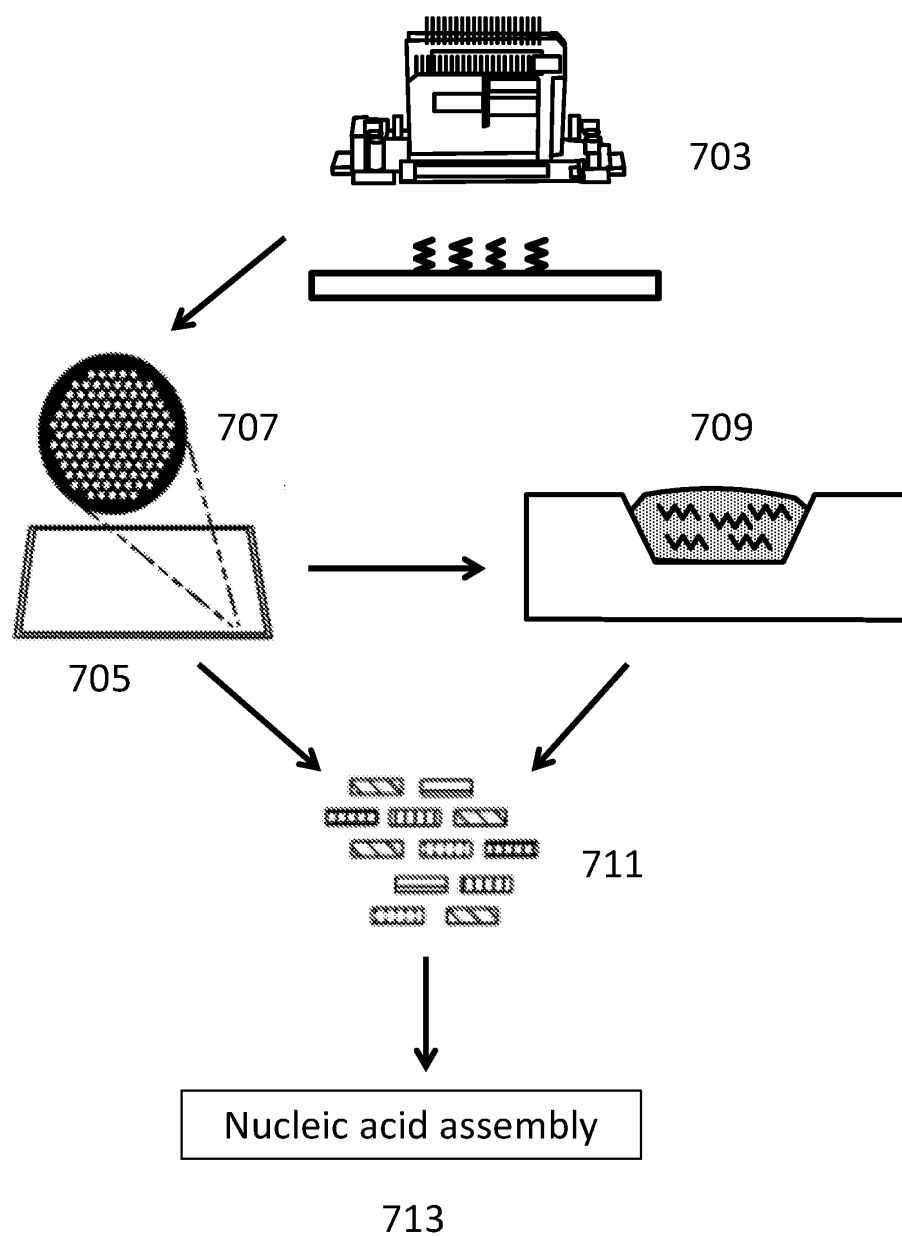
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**FIG. 5B**

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**FIG. 6**

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**FIG. 7**

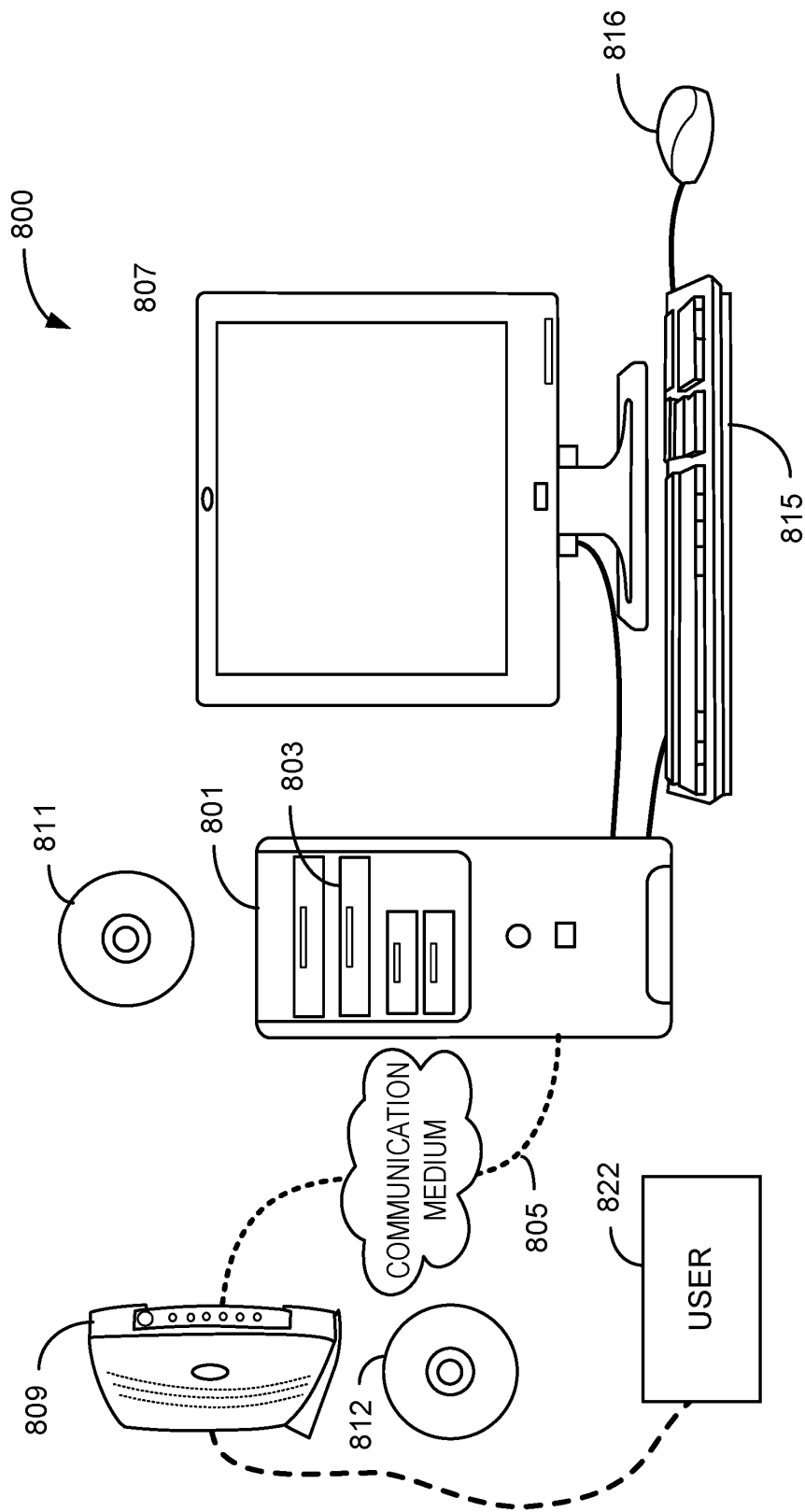


FIG. 8

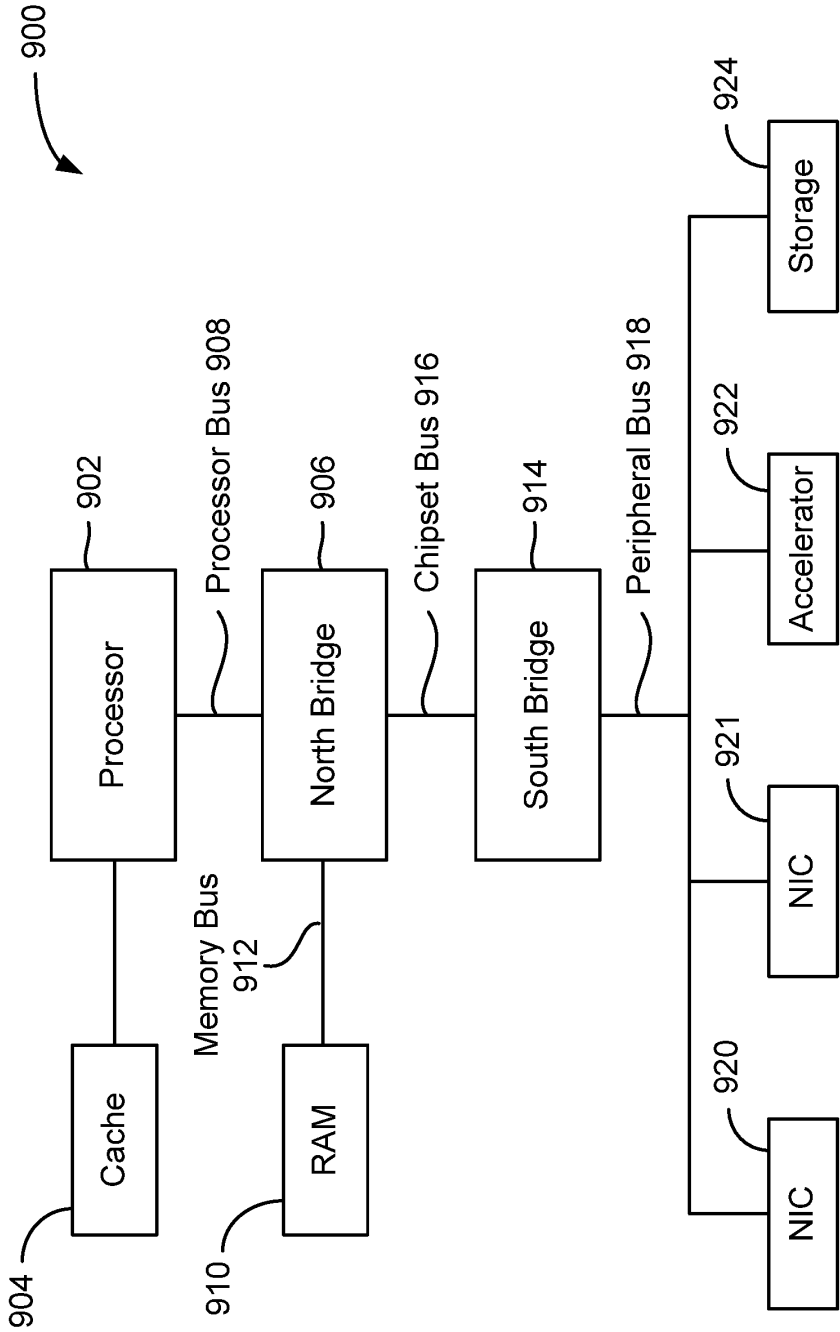
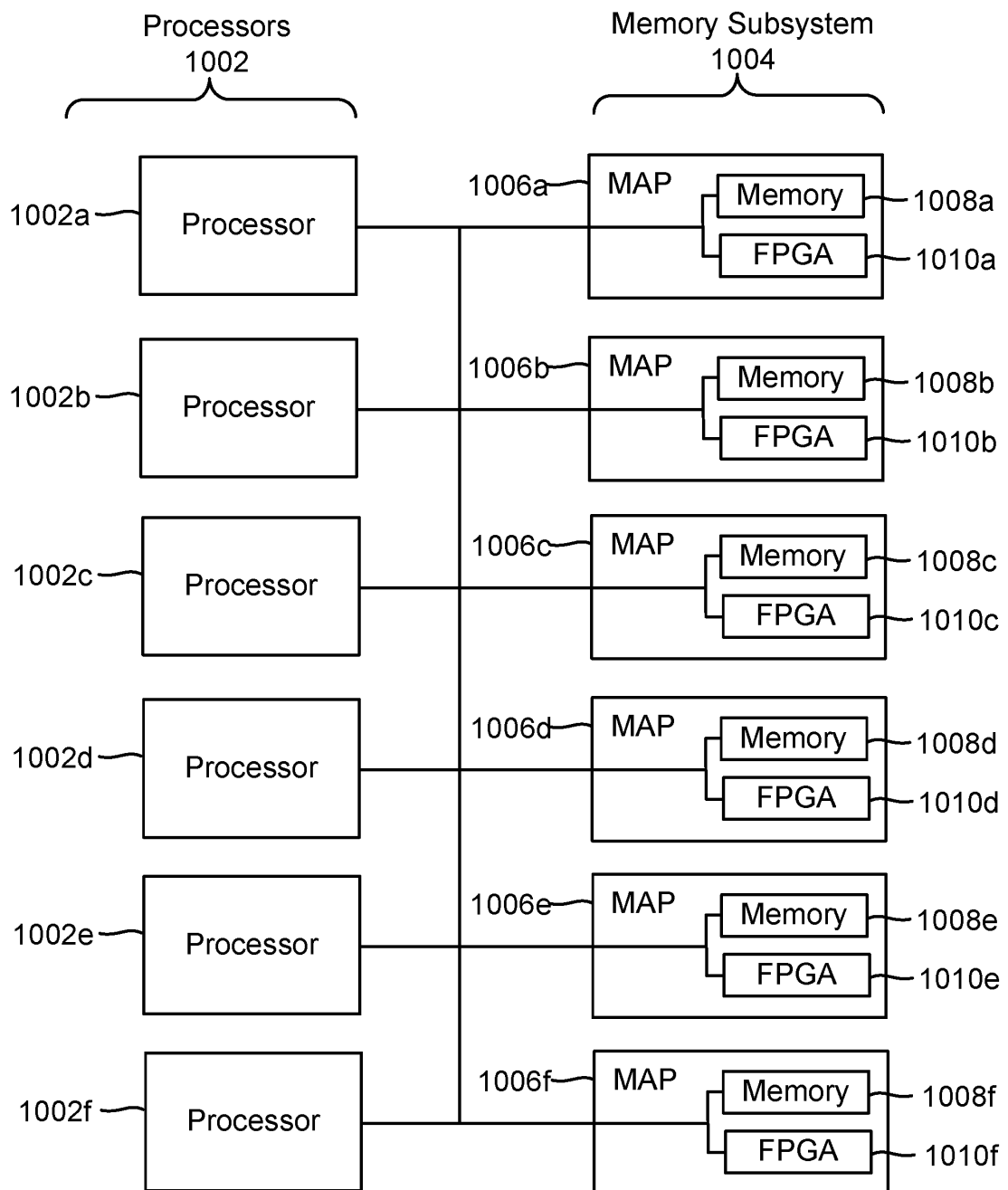


FIG. 9

**FIG. 10**

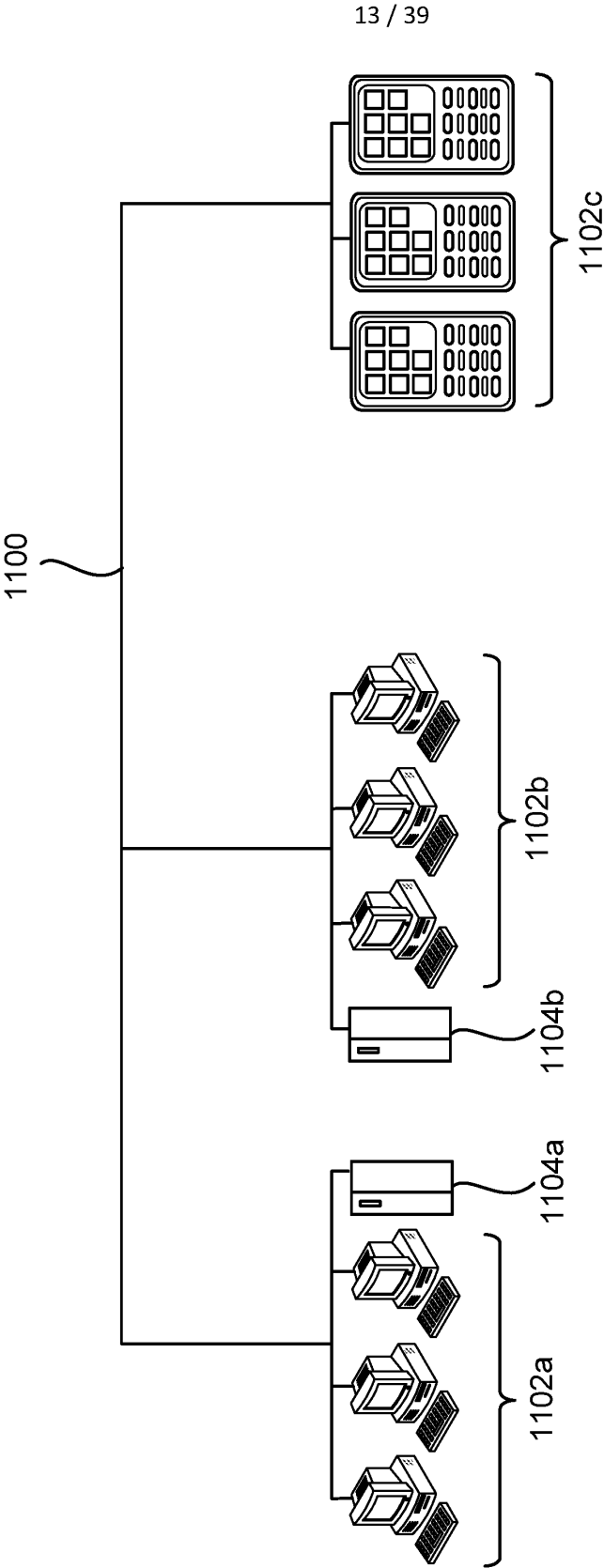


FIG. 11

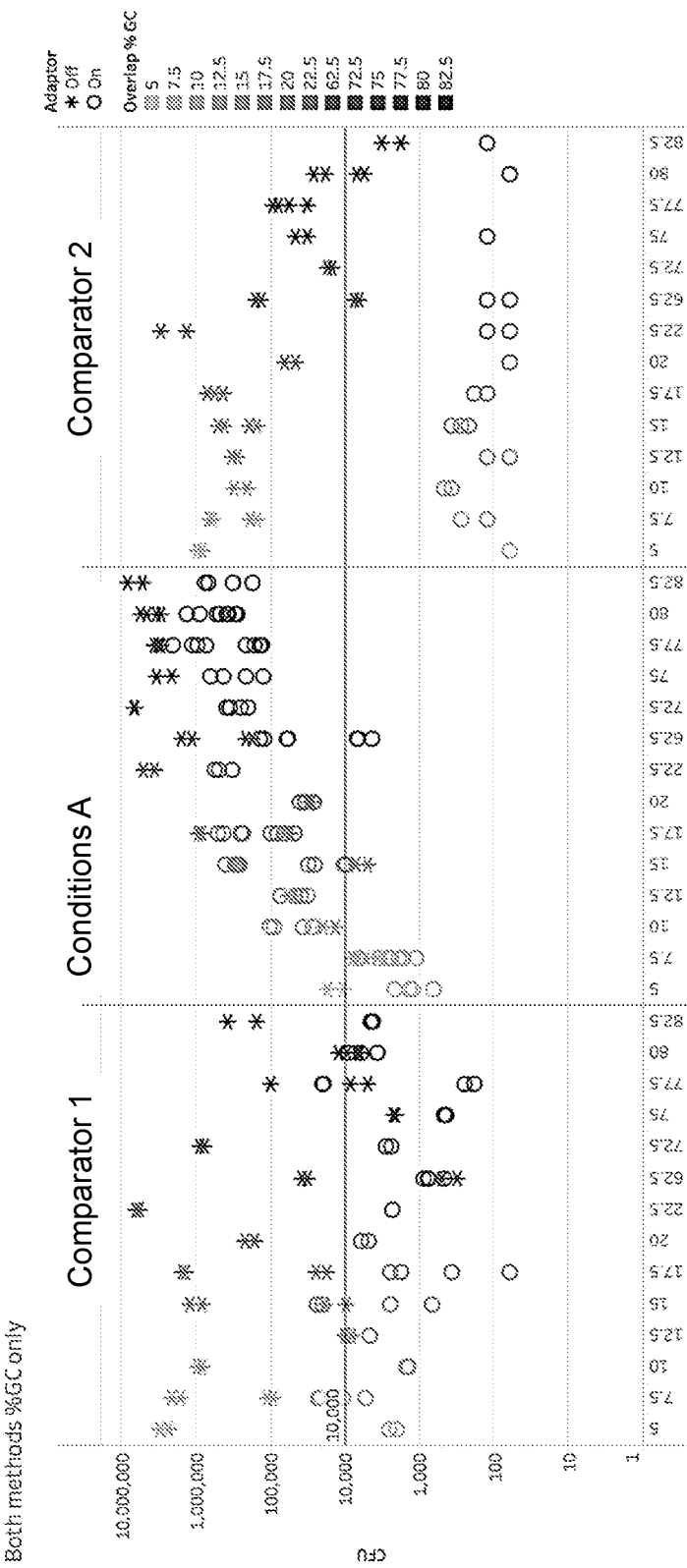


FIG. 12B

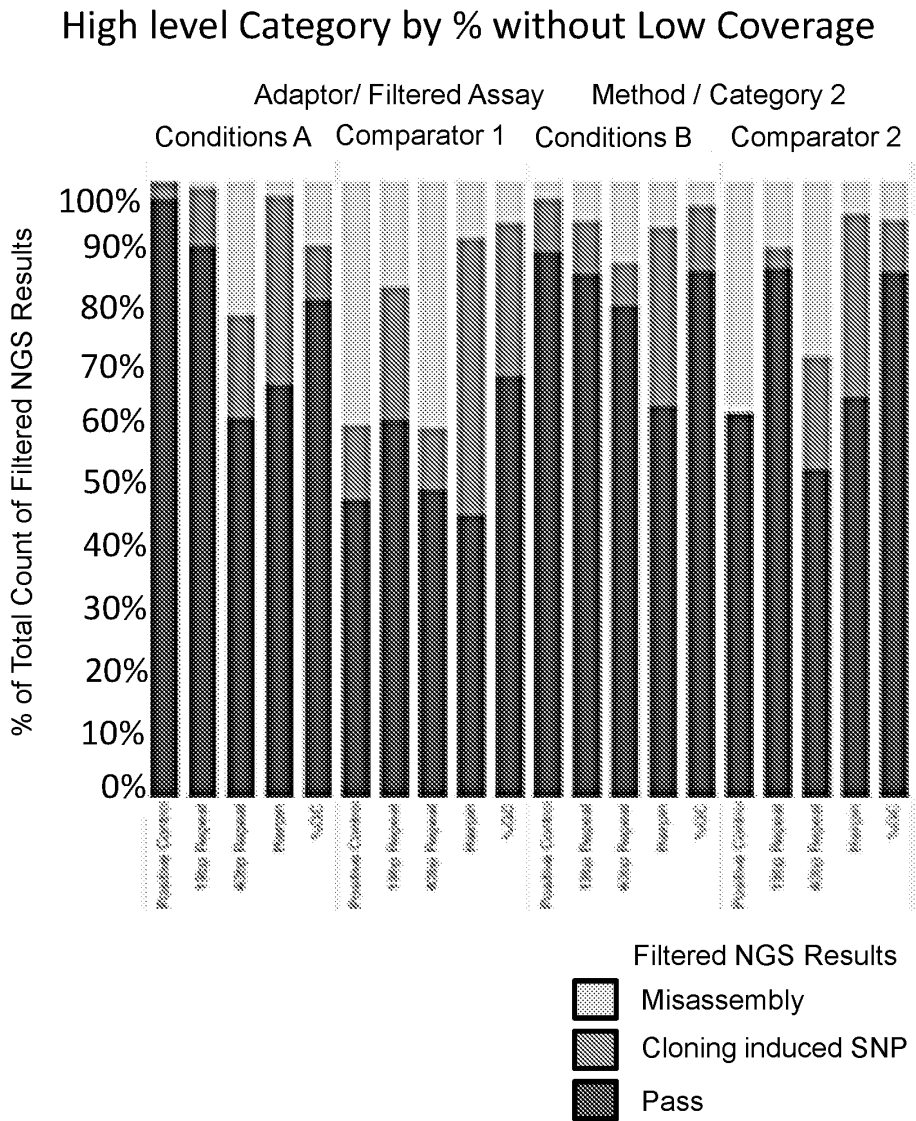


FIG. 12C

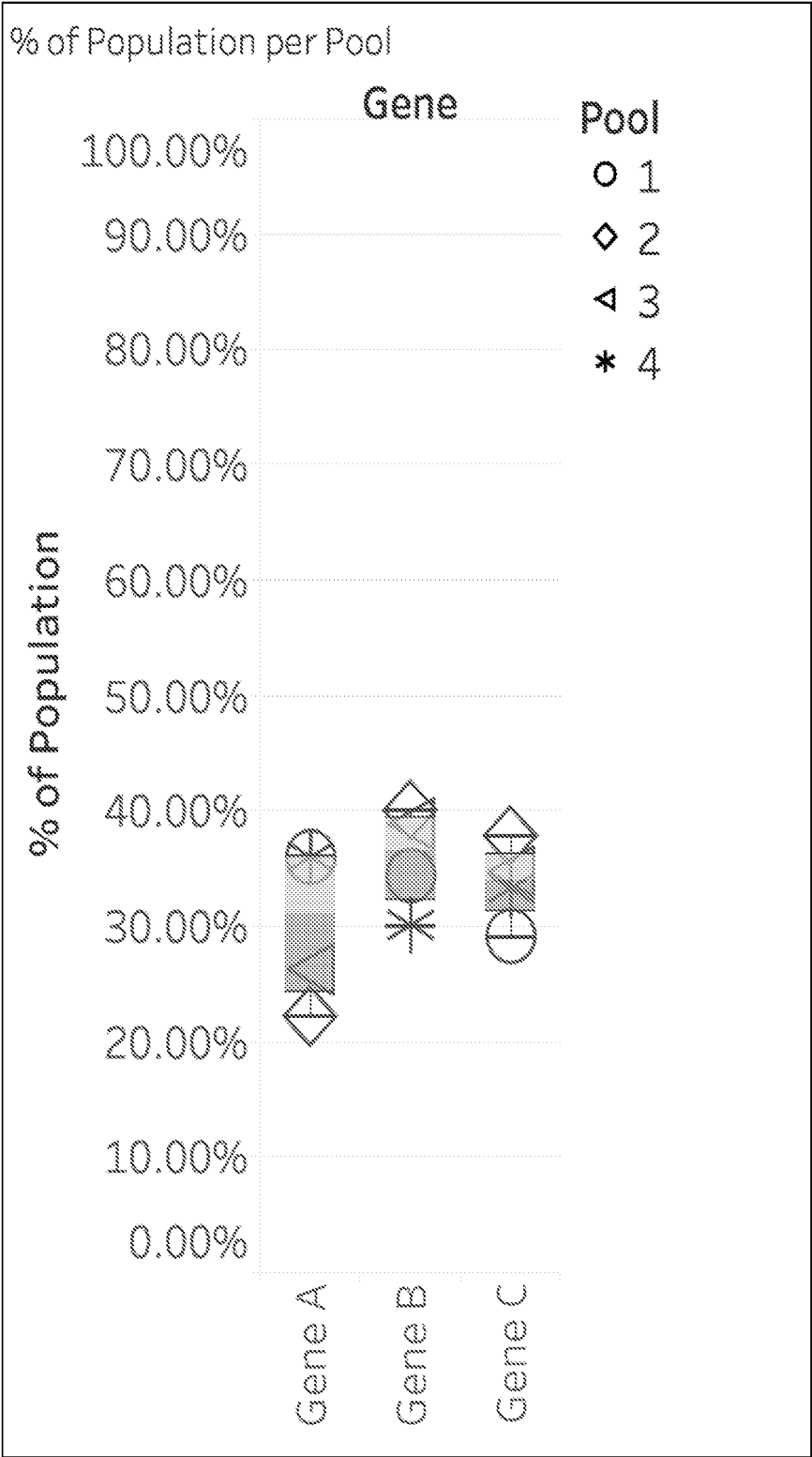


FIG. 12D

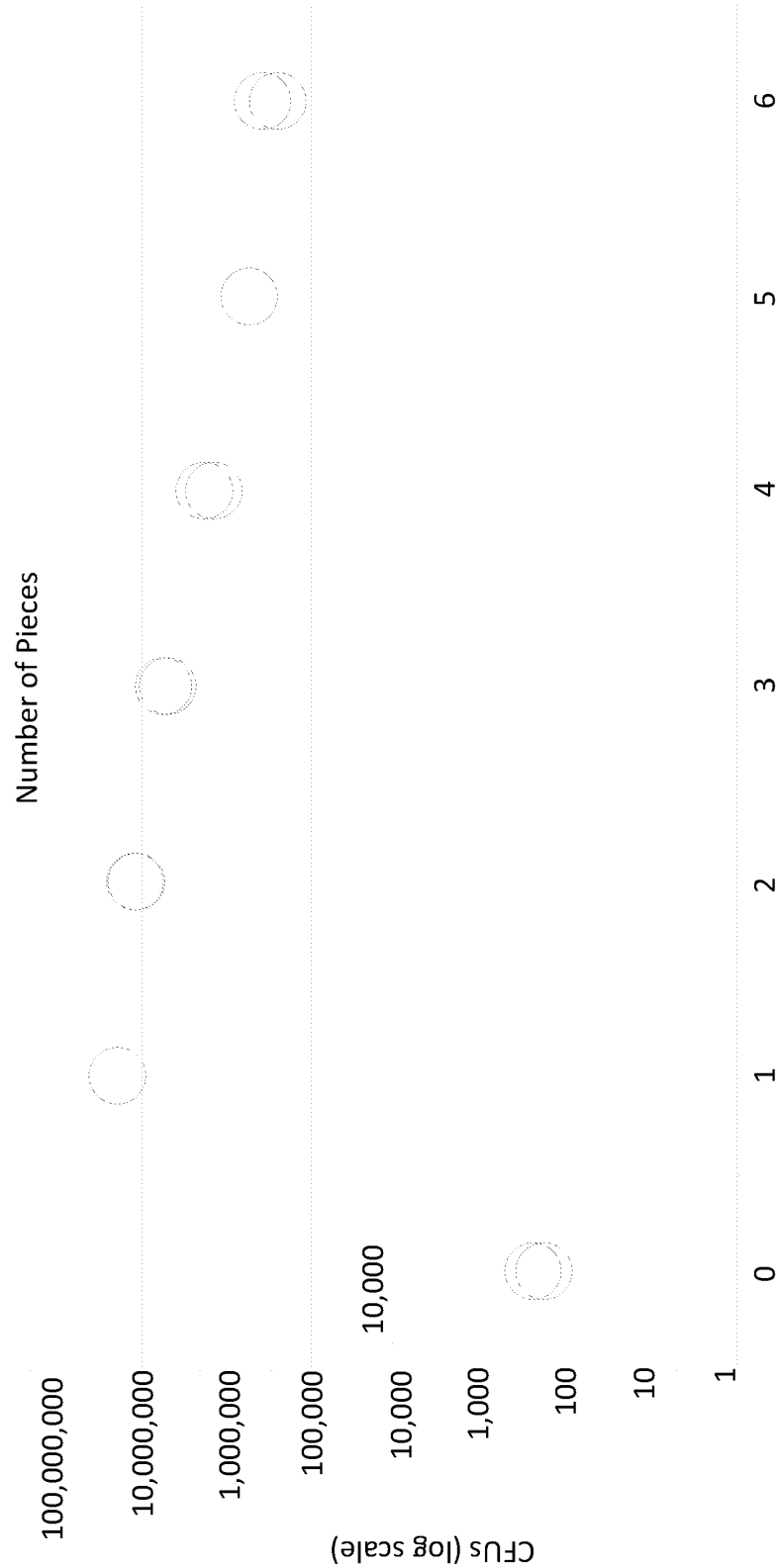


FIG. 12E

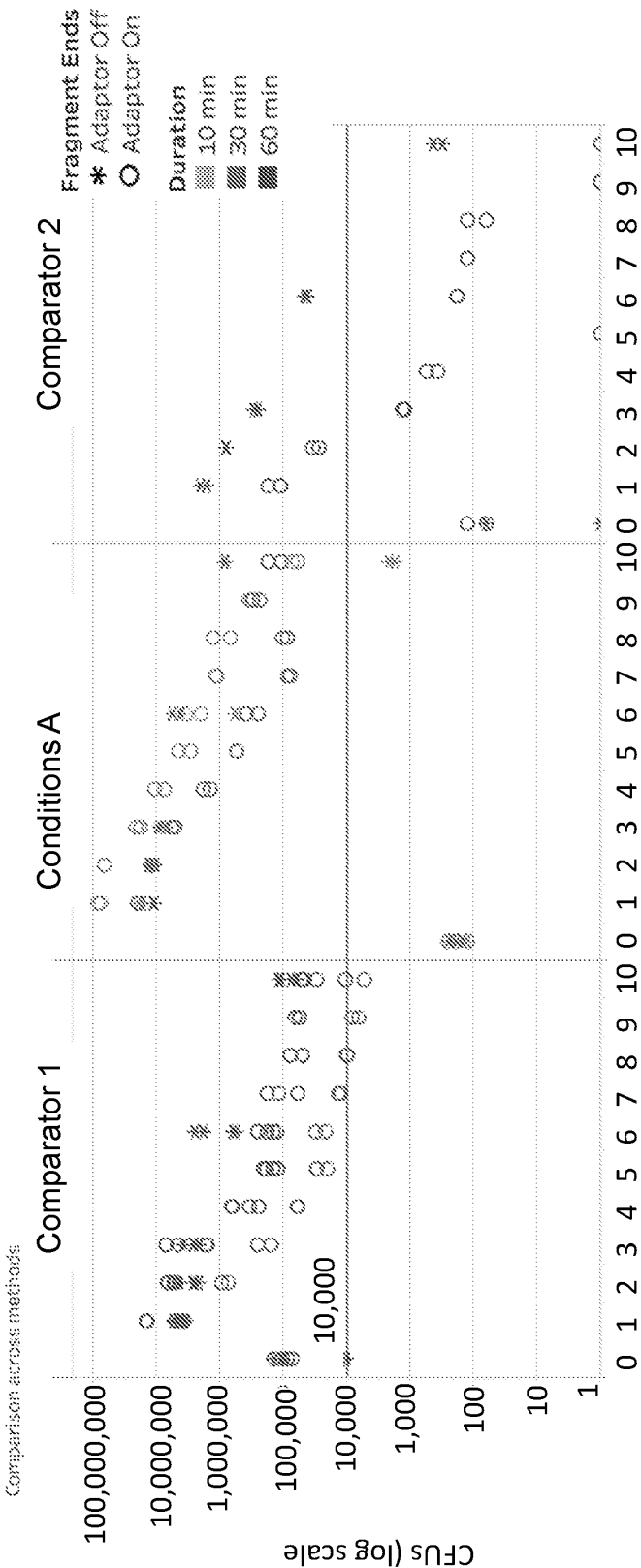


FIG. 12F

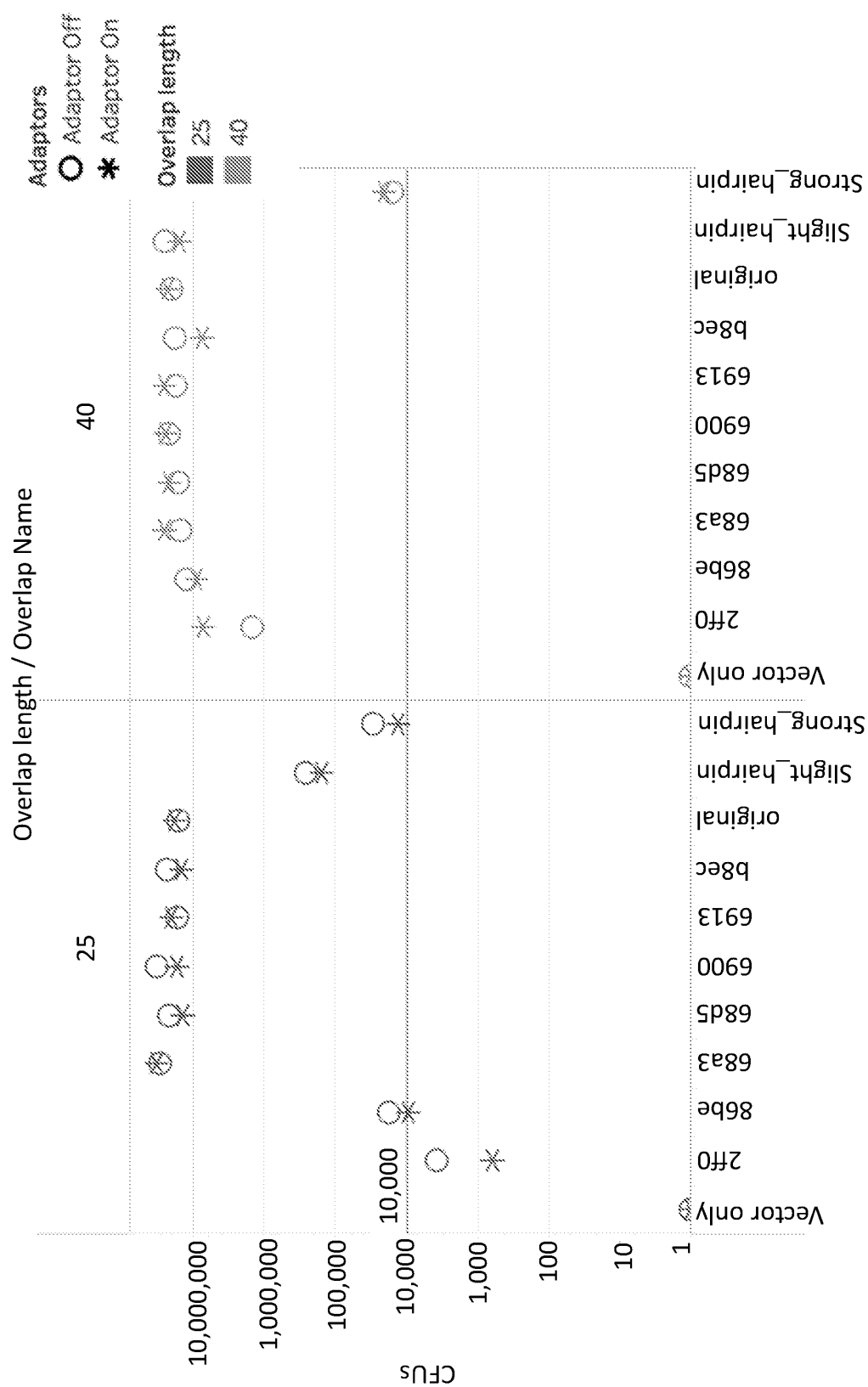


FIG. 12G

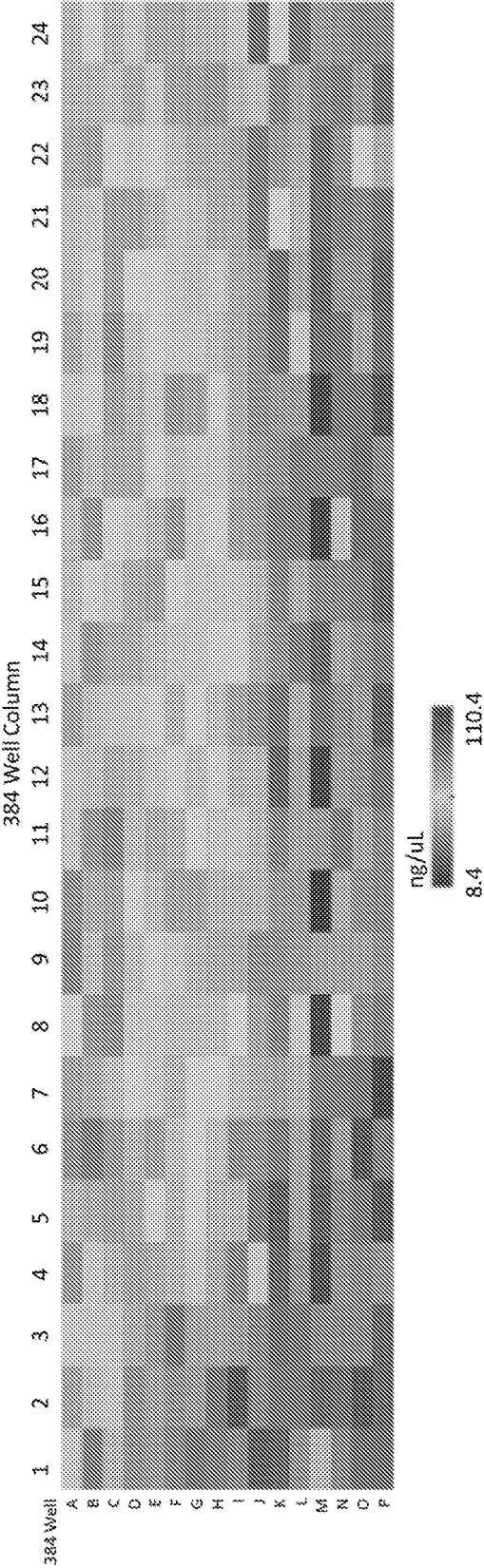


FIG. 13A

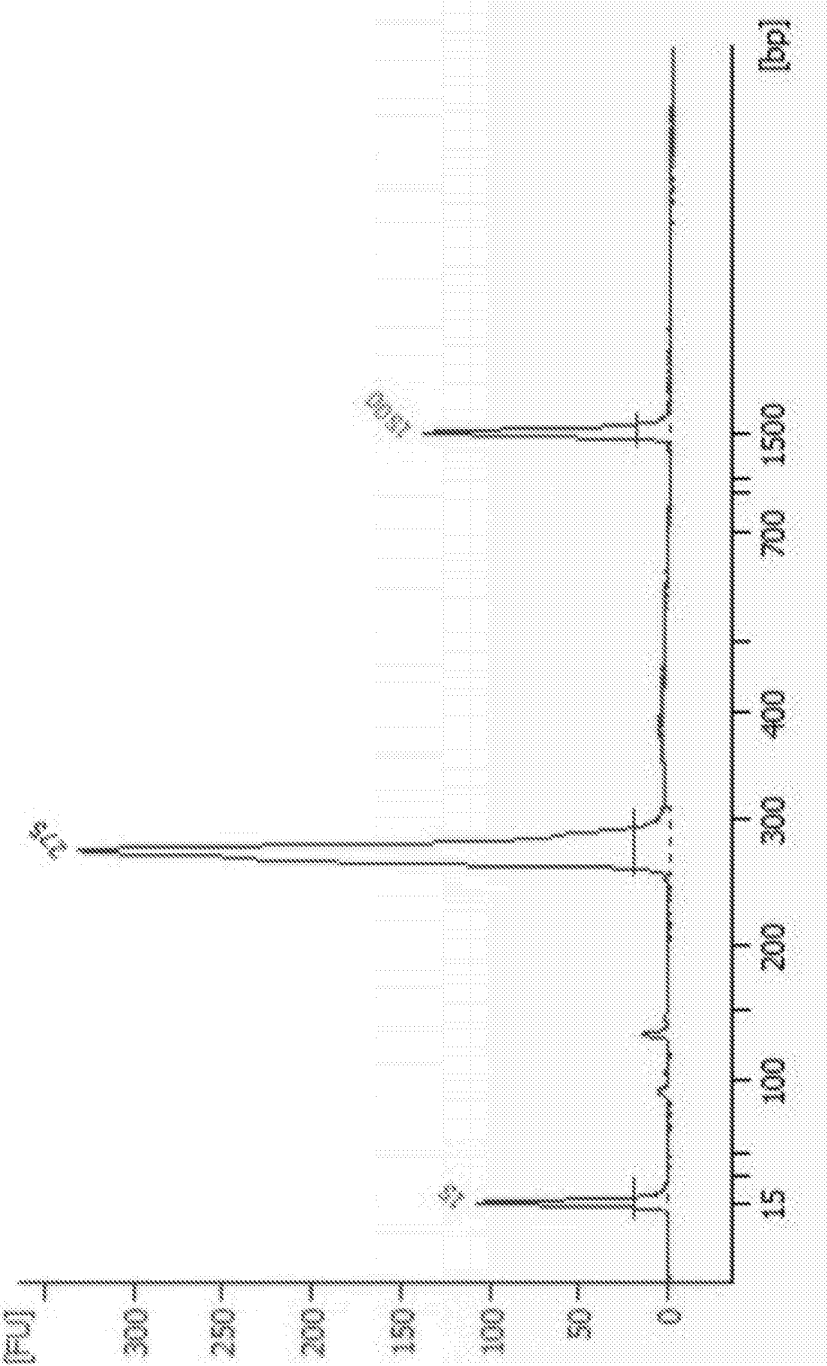
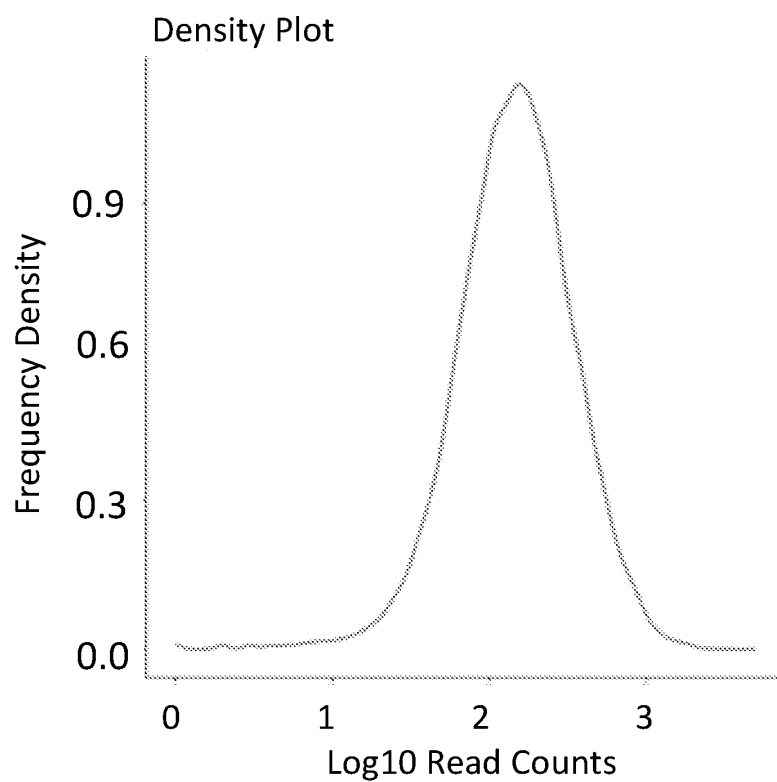


FIG. 13B

**FIG. 13C**

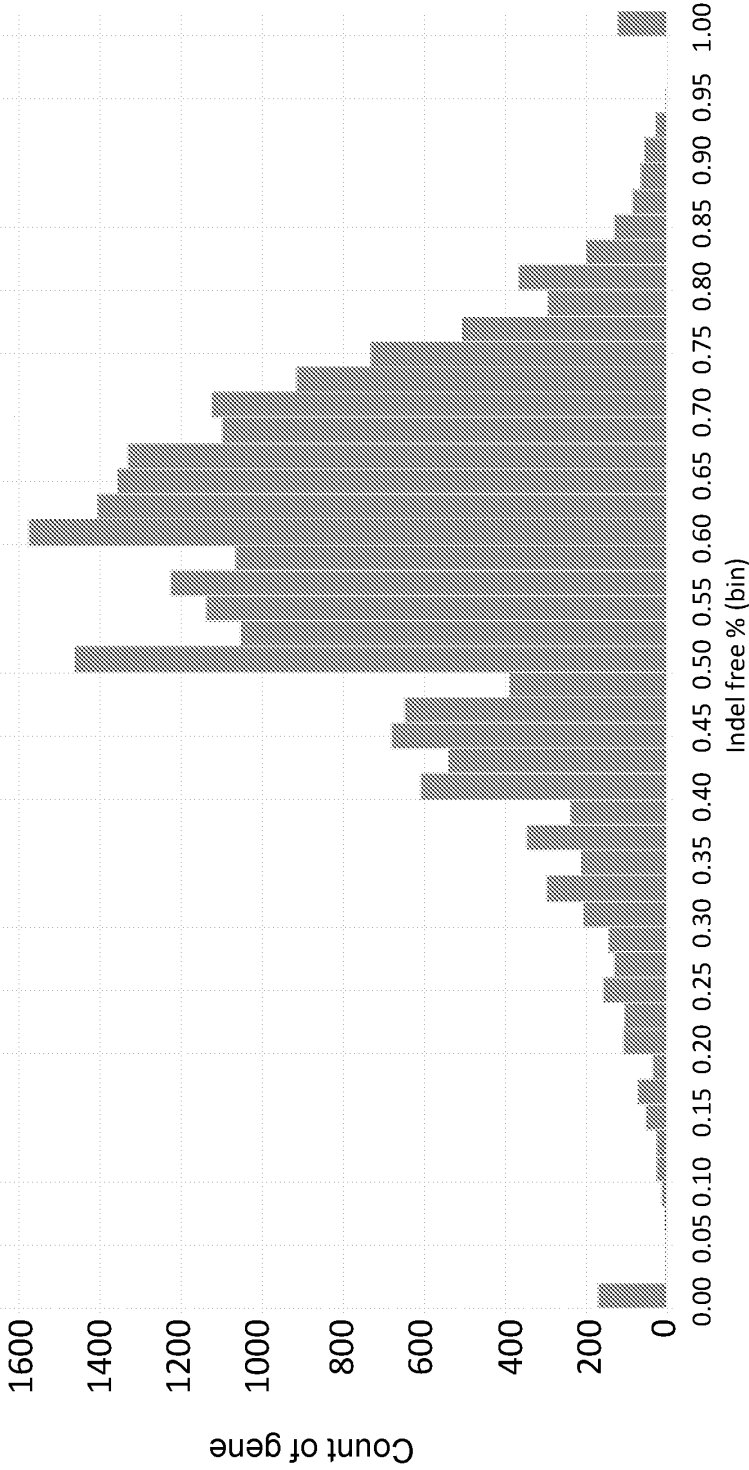


FIG. 13D

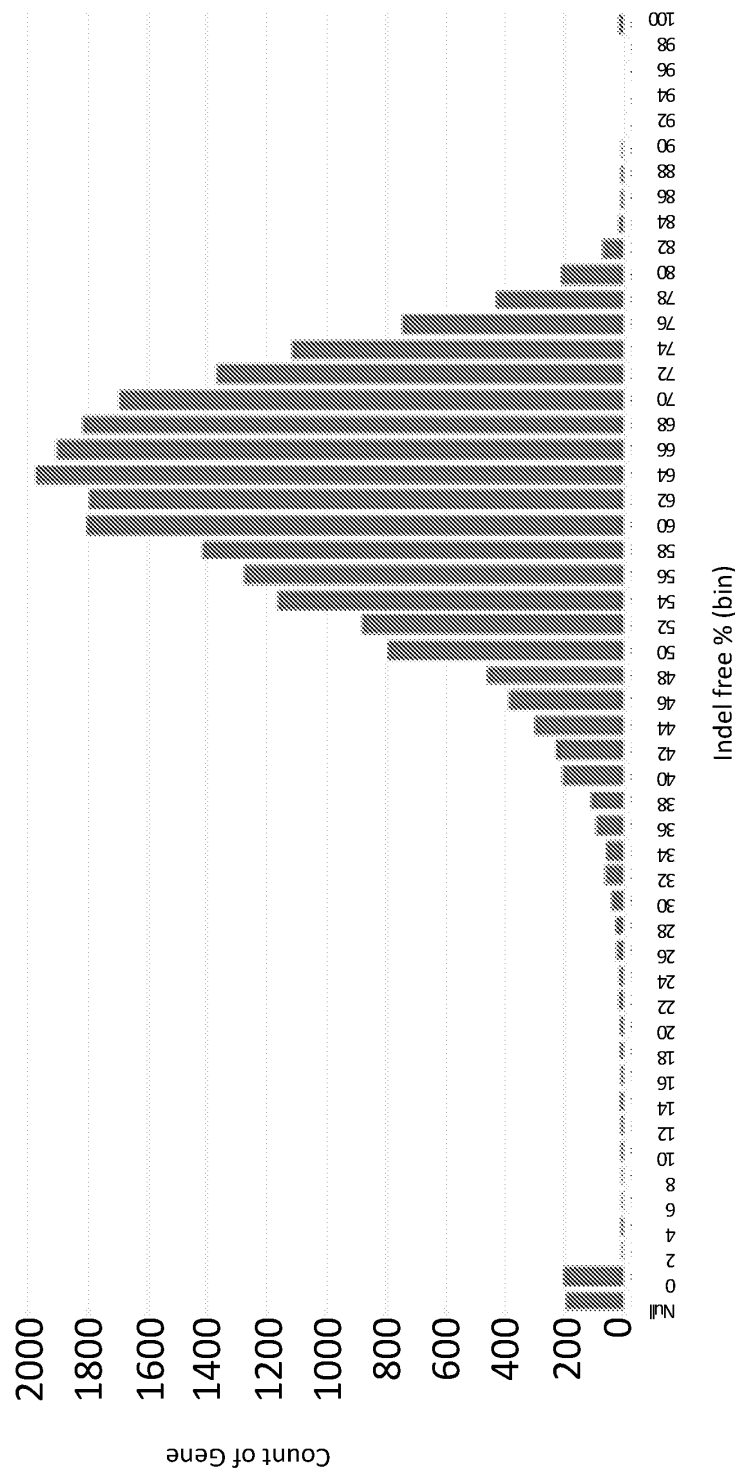


FIG. 13E

Runaway : 10X above median (1480)

Dropout: 10X Below median (14.8)

Complete Dropout: 0 reads in IDX Stats

Complete Dropouts	Dropout	Runaway
191 (0.8% of the pool)	267 (1.16% of the pool)	50 (0.217% of the pool)

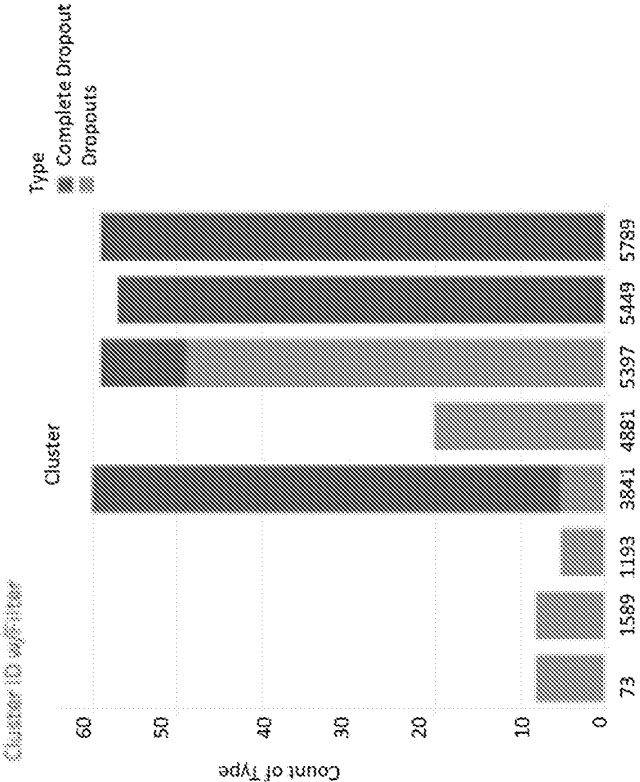


FIG. 13F

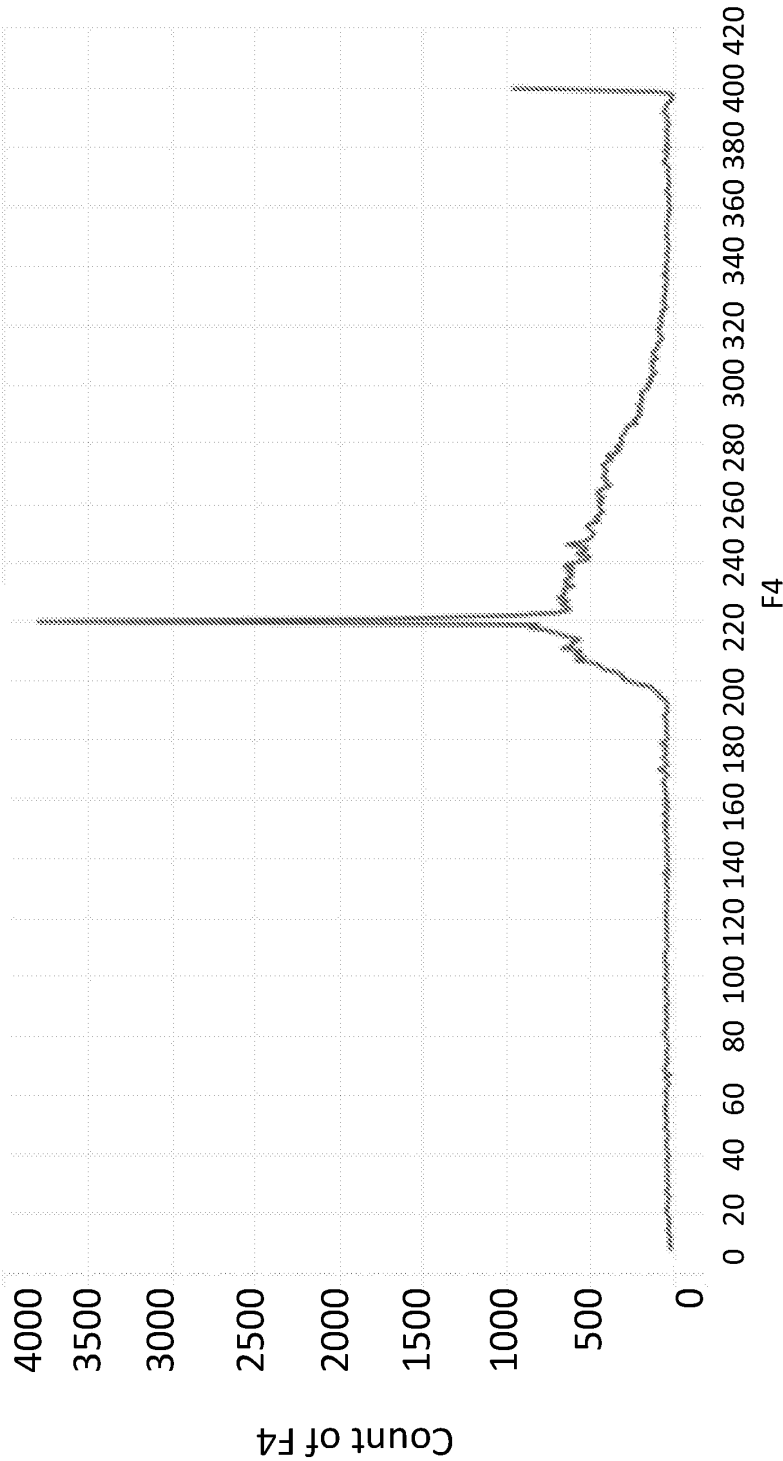


FIG. 13G

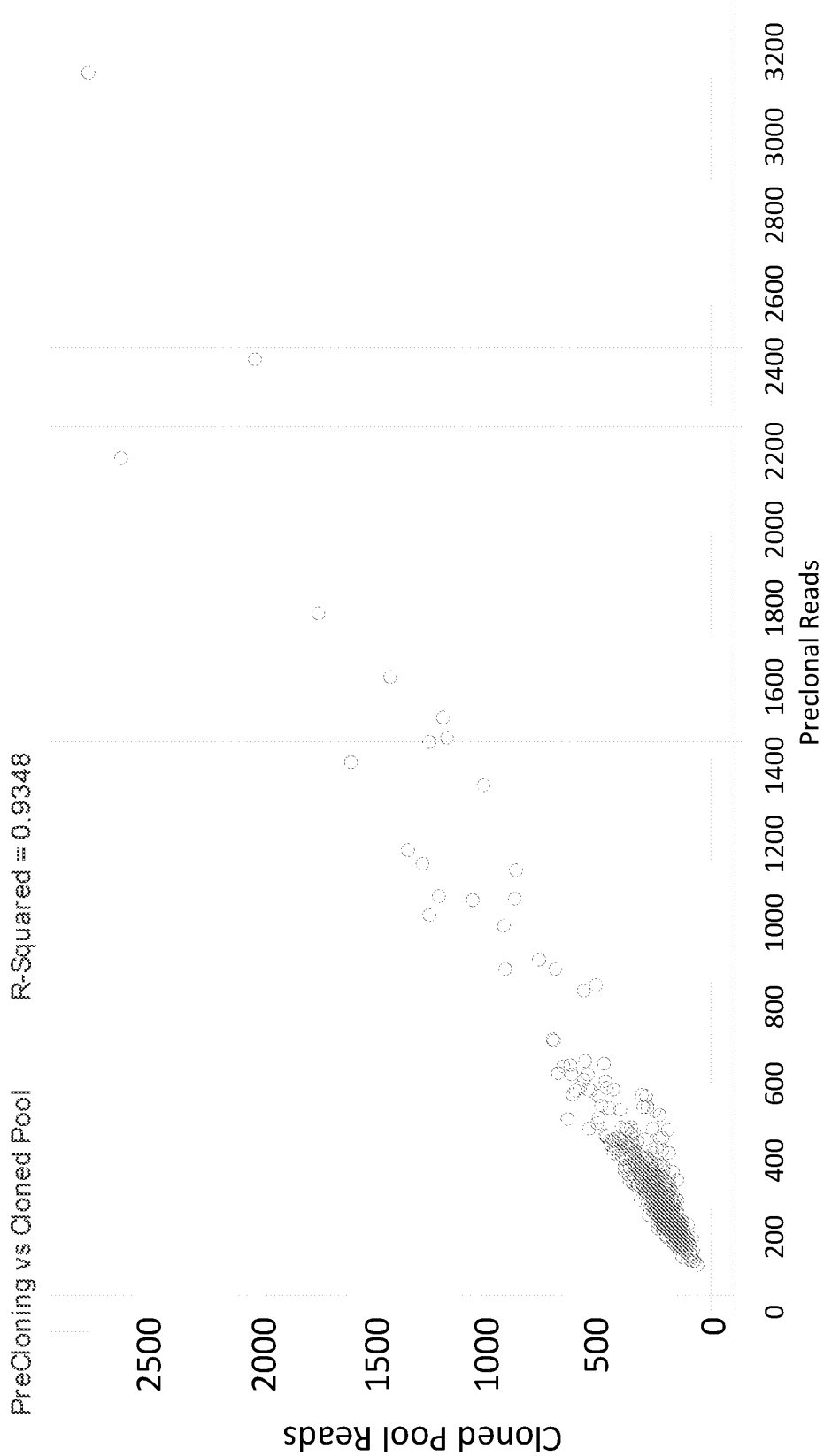


FIG. 14A

Frequency of Variants within a Domain

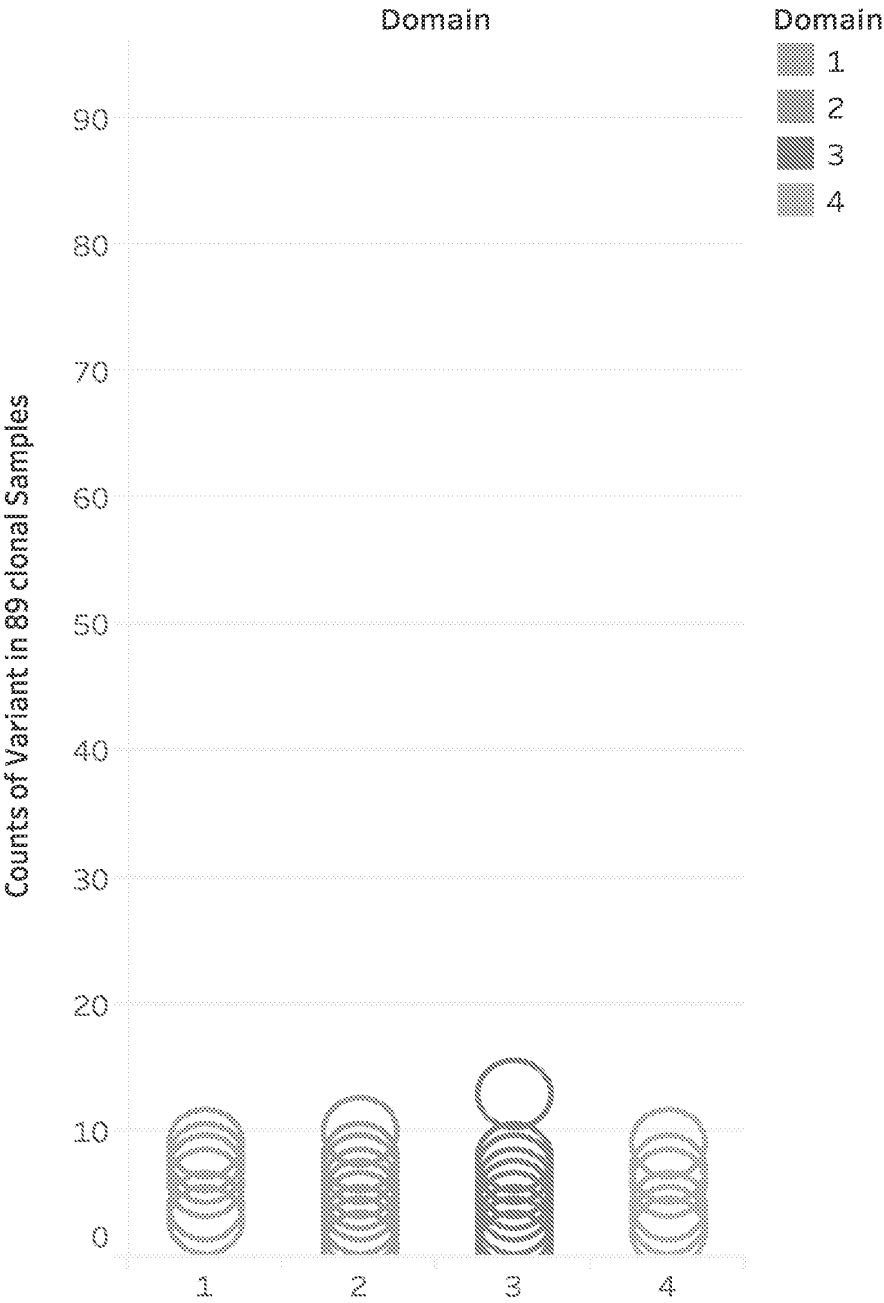


FIG. 14B

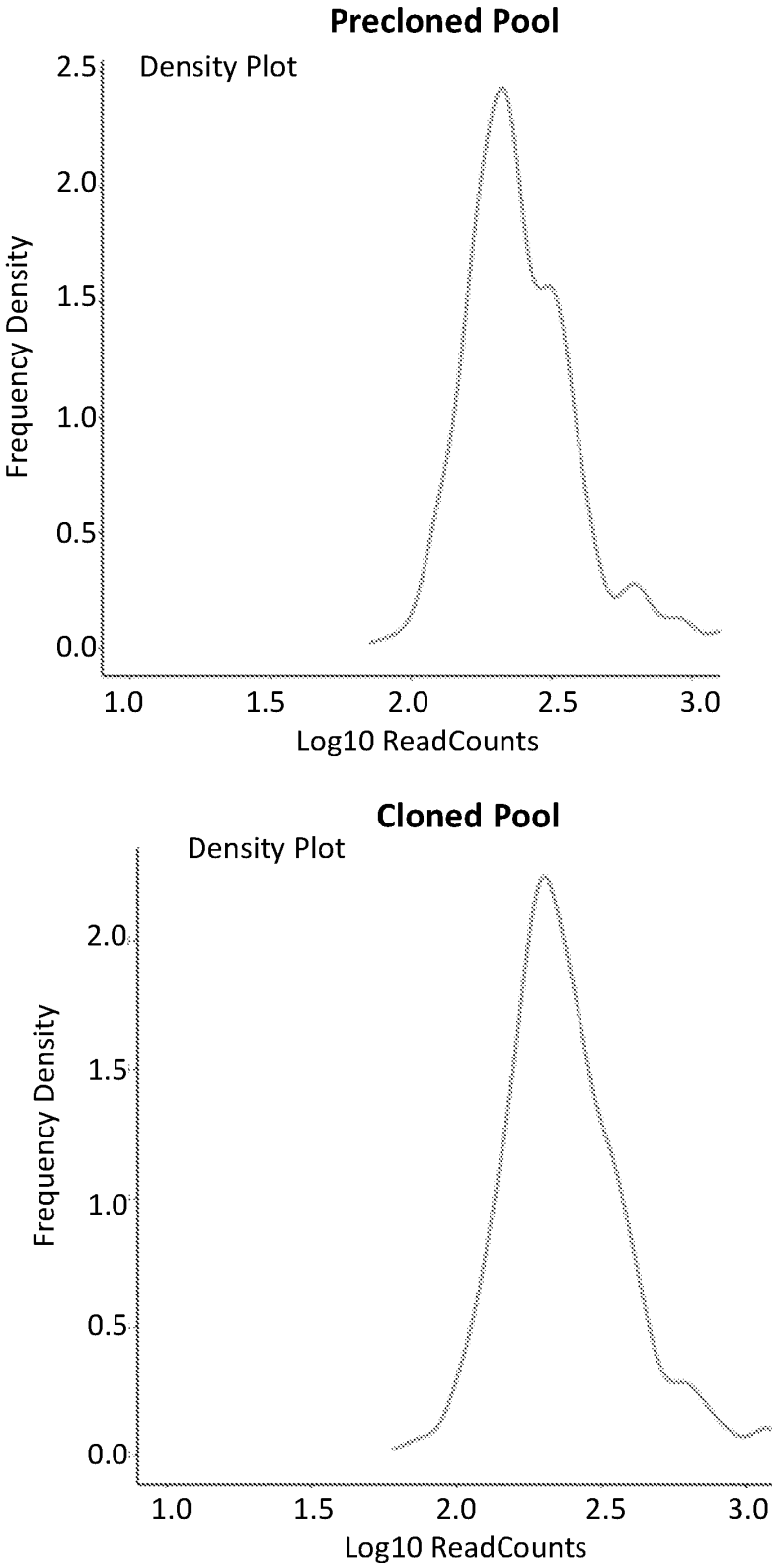


FIG. 15A

Frequency of Variants within a Domain

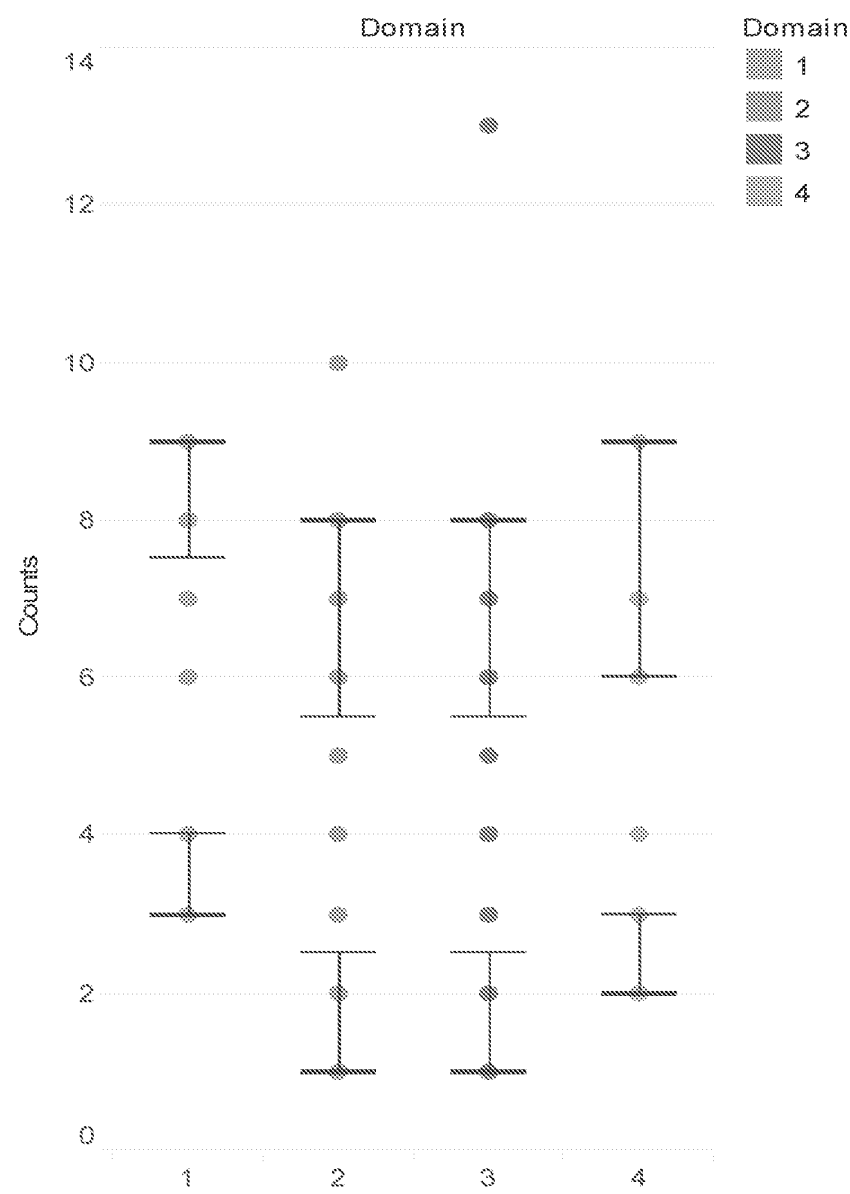
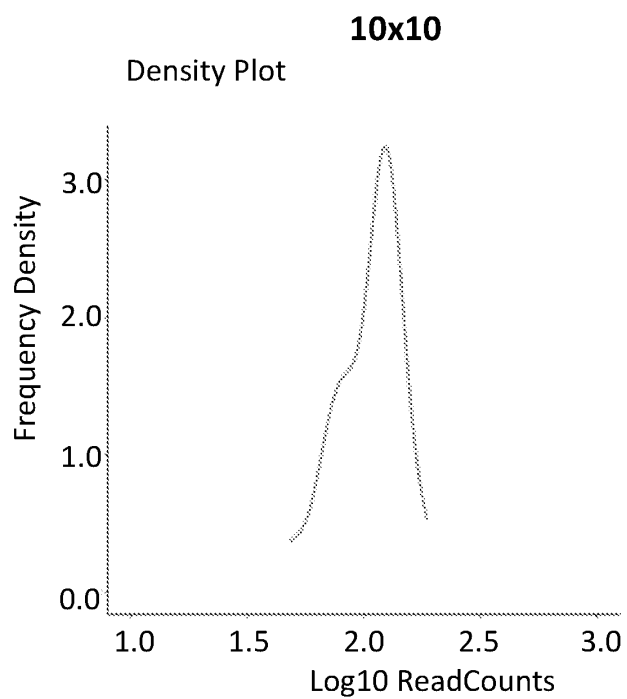
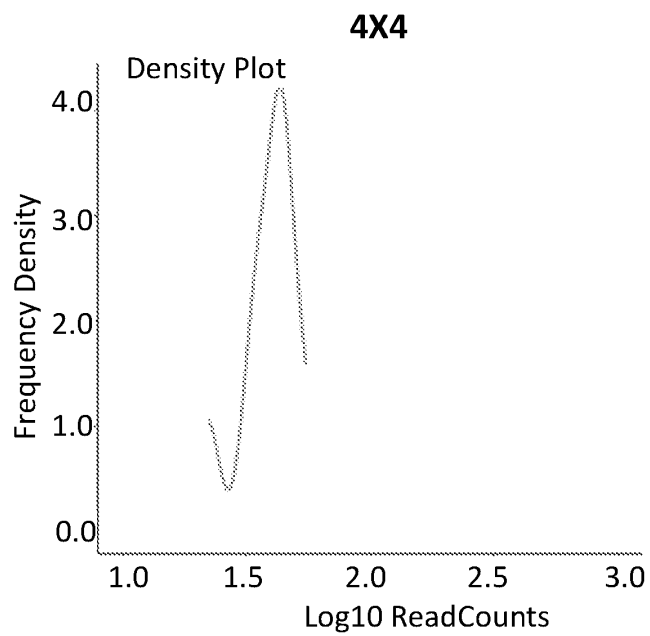


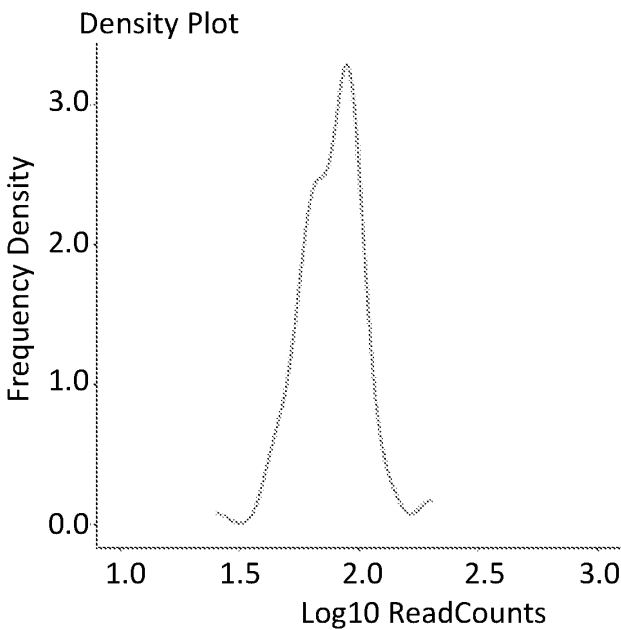
FIG. 15B

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**FIG. 15C**

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50x50



100x100

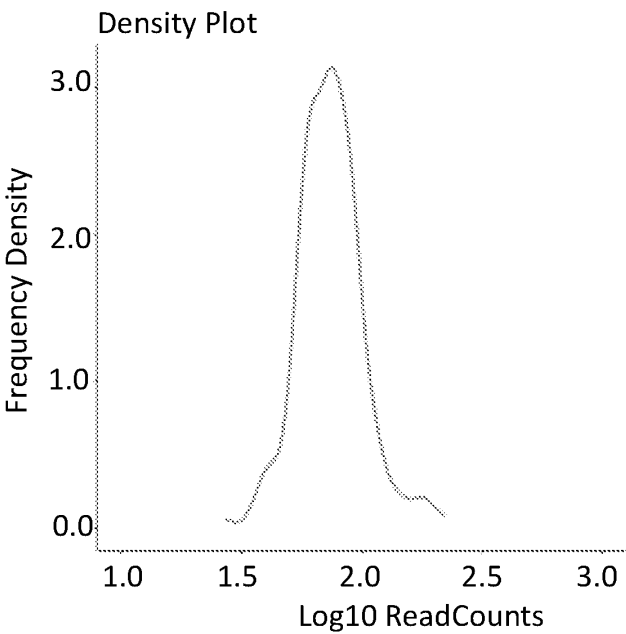


FIG. 15D

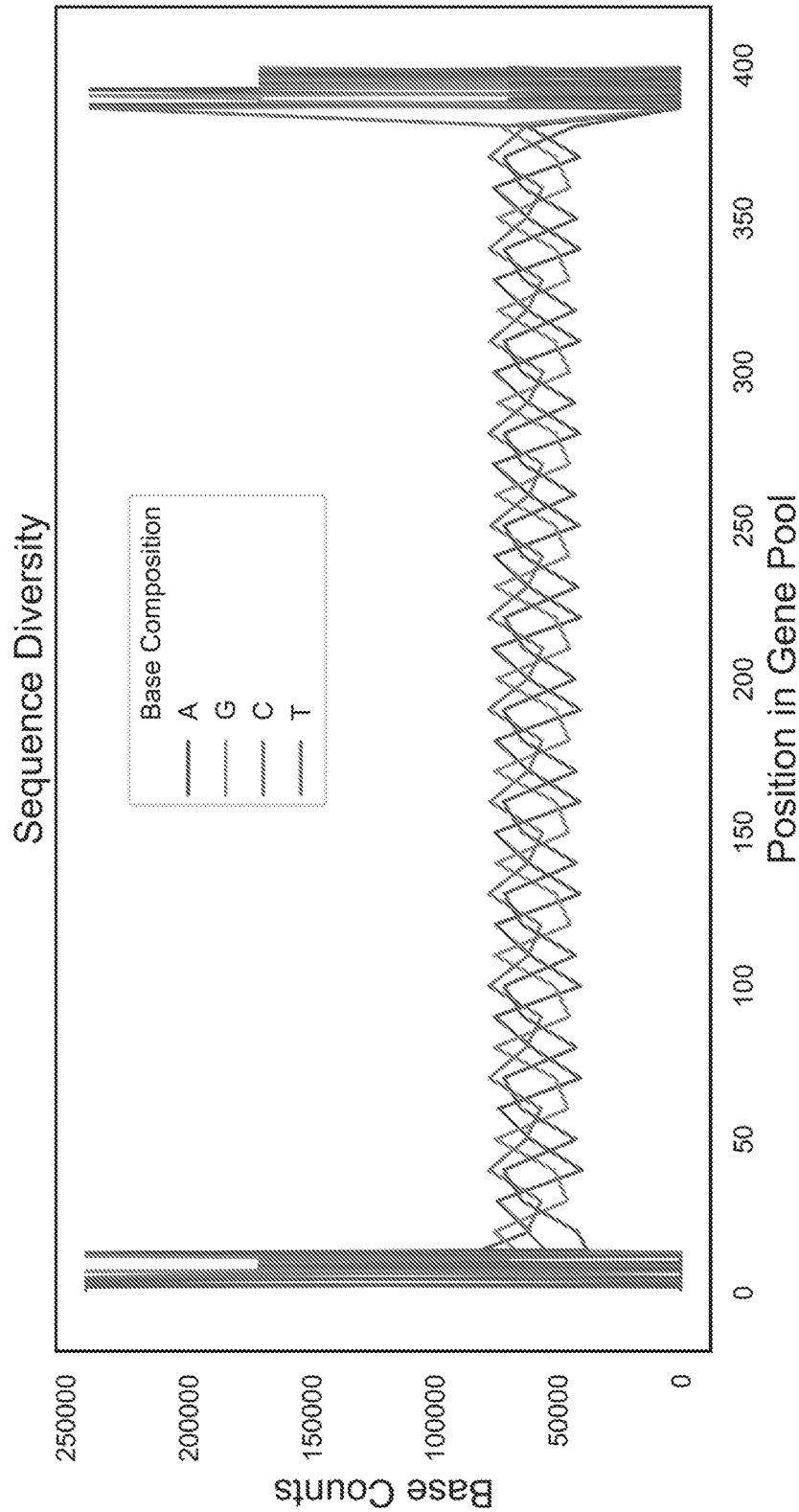
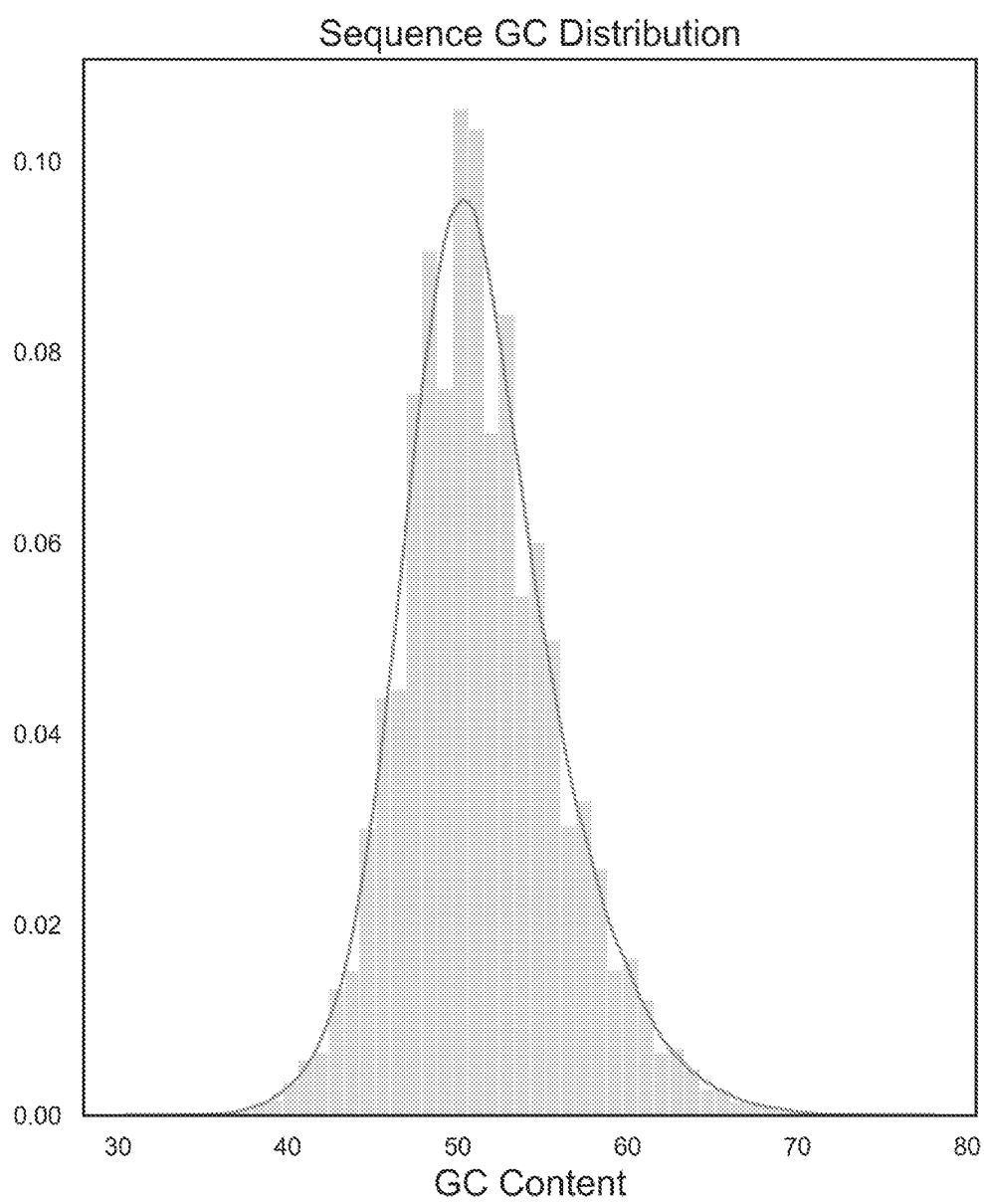
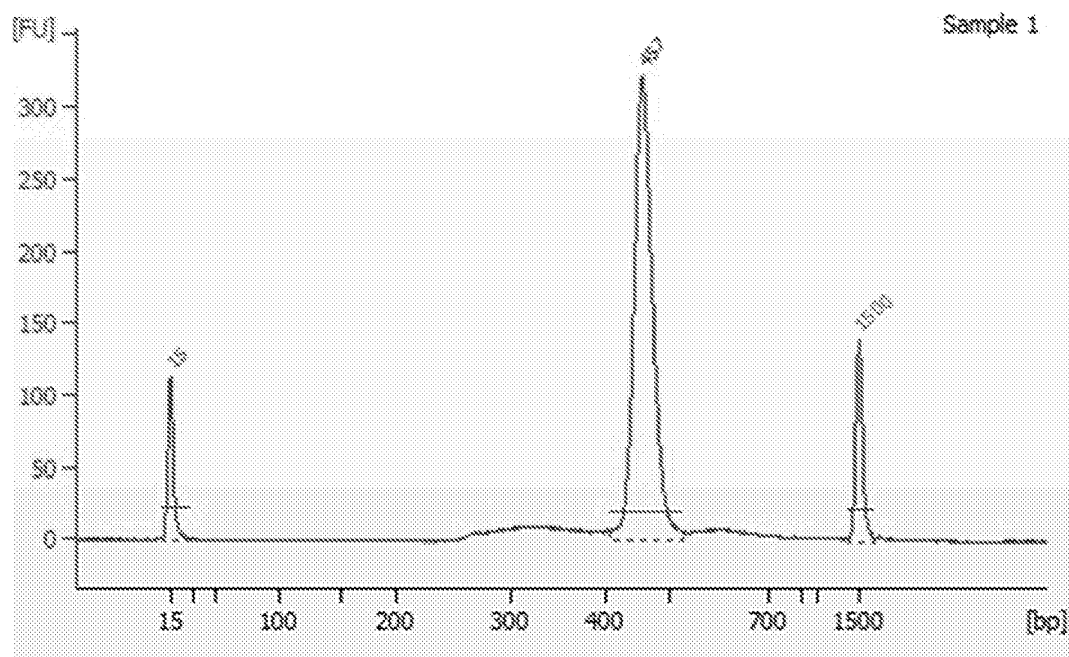


FIG. 16A

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**FIG. 16B**

**FIG. 16C**

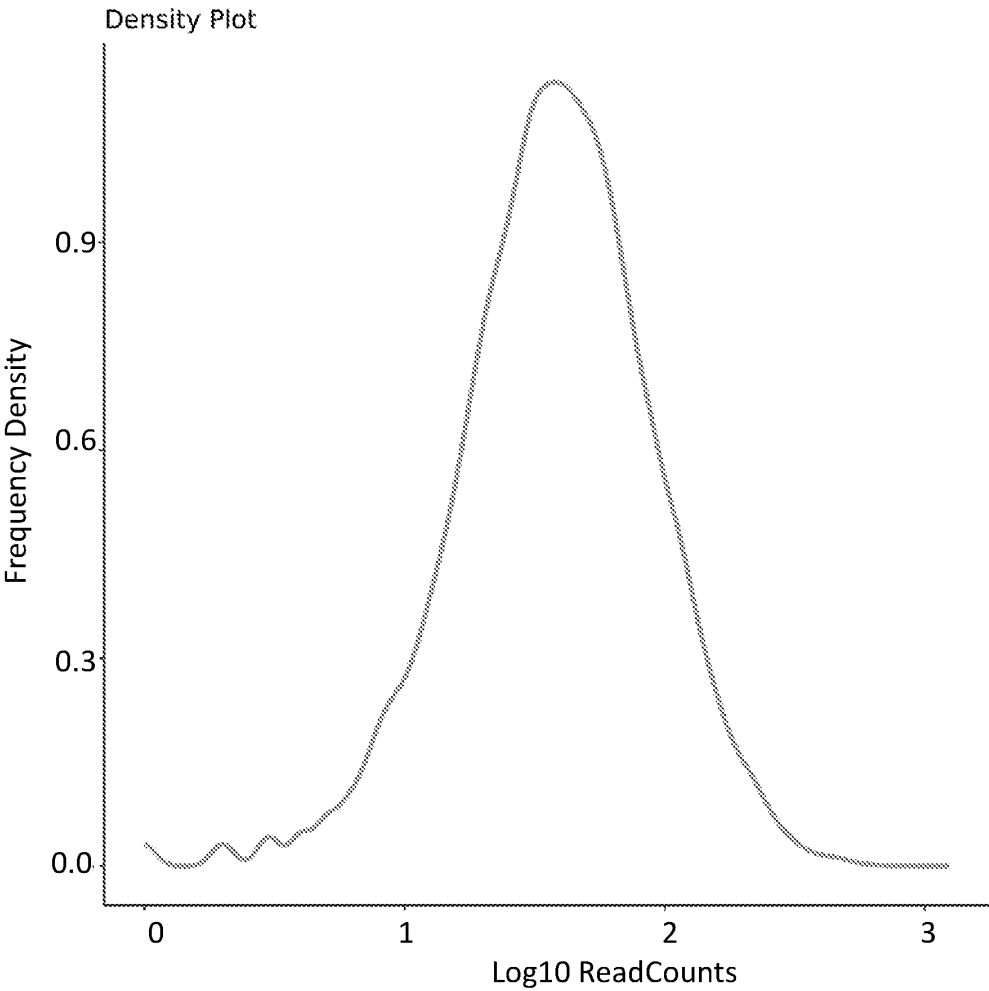
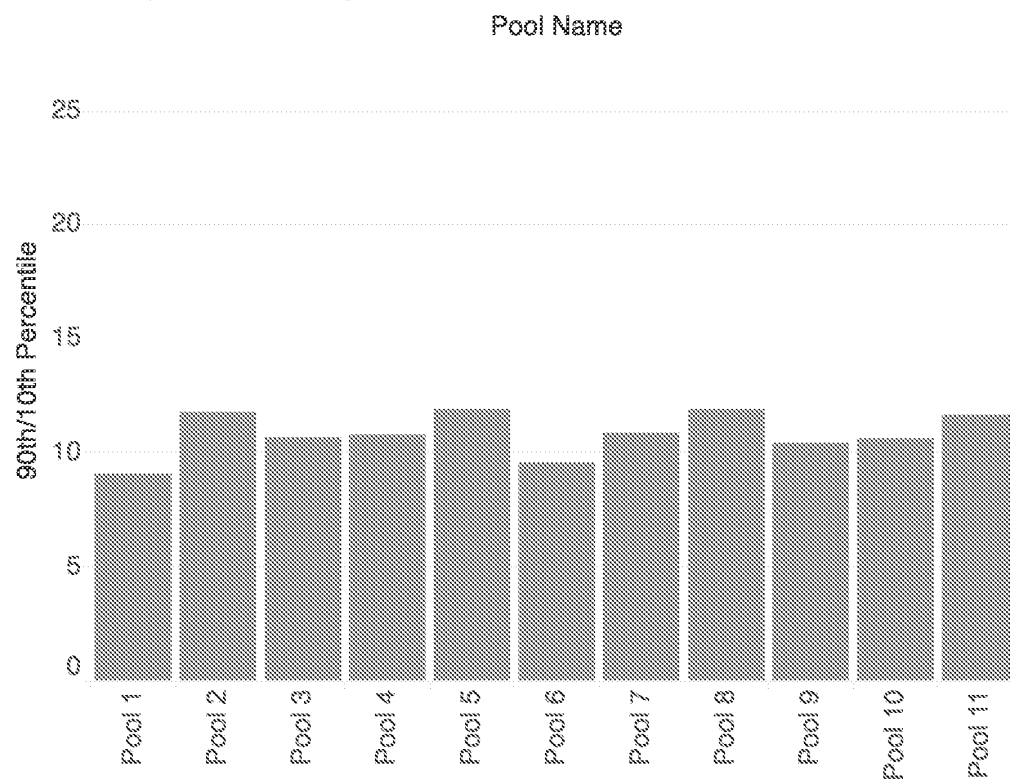


FIG. 16D

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Uniformity: 80% of sequences

**FIG. 16E**

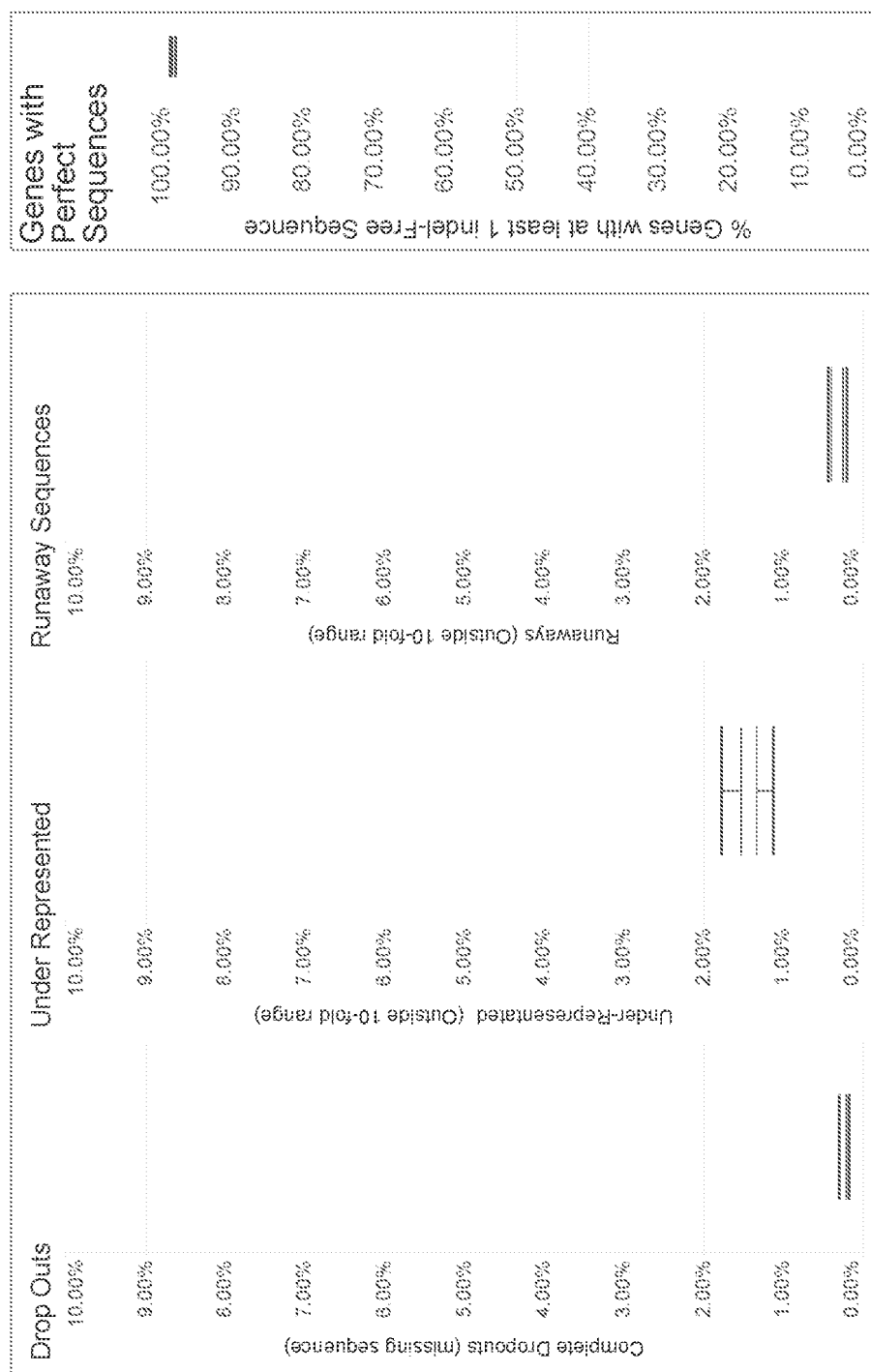


FIG. 16F