

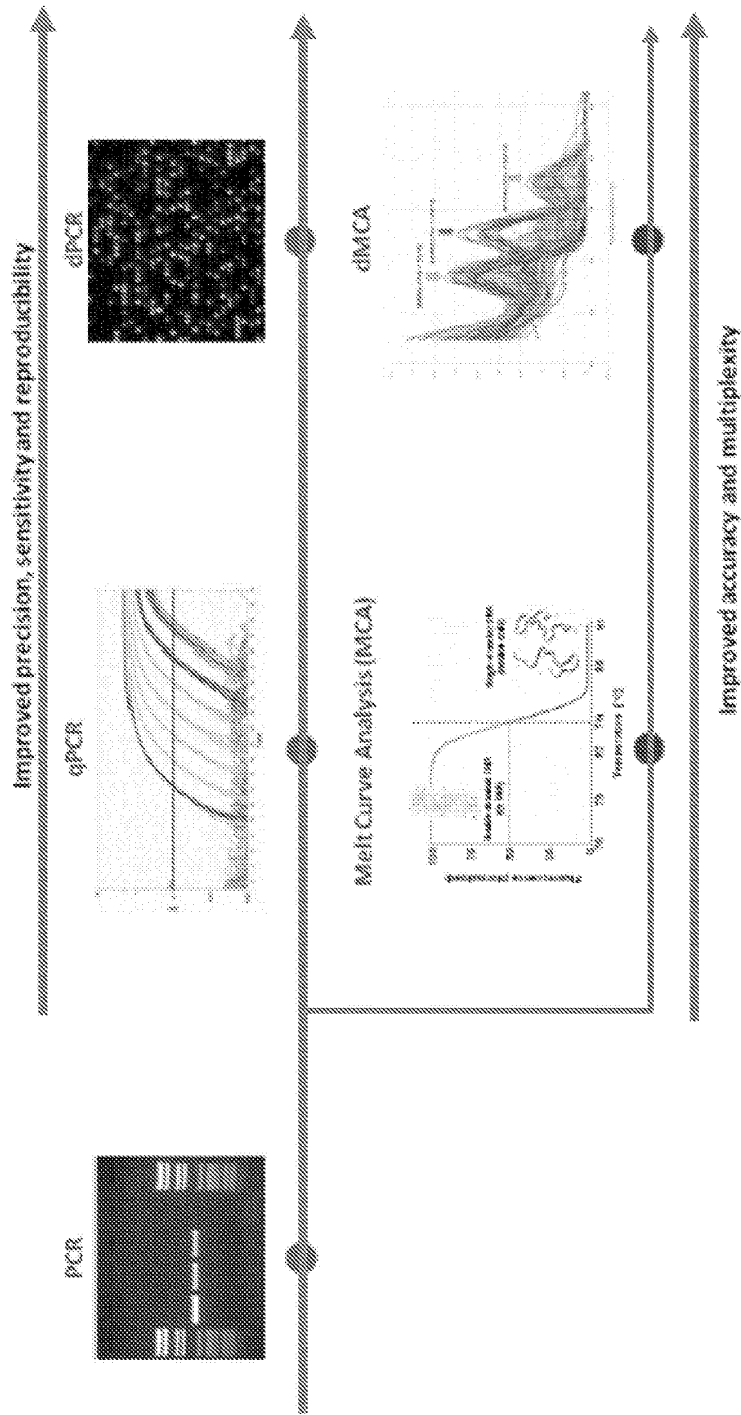
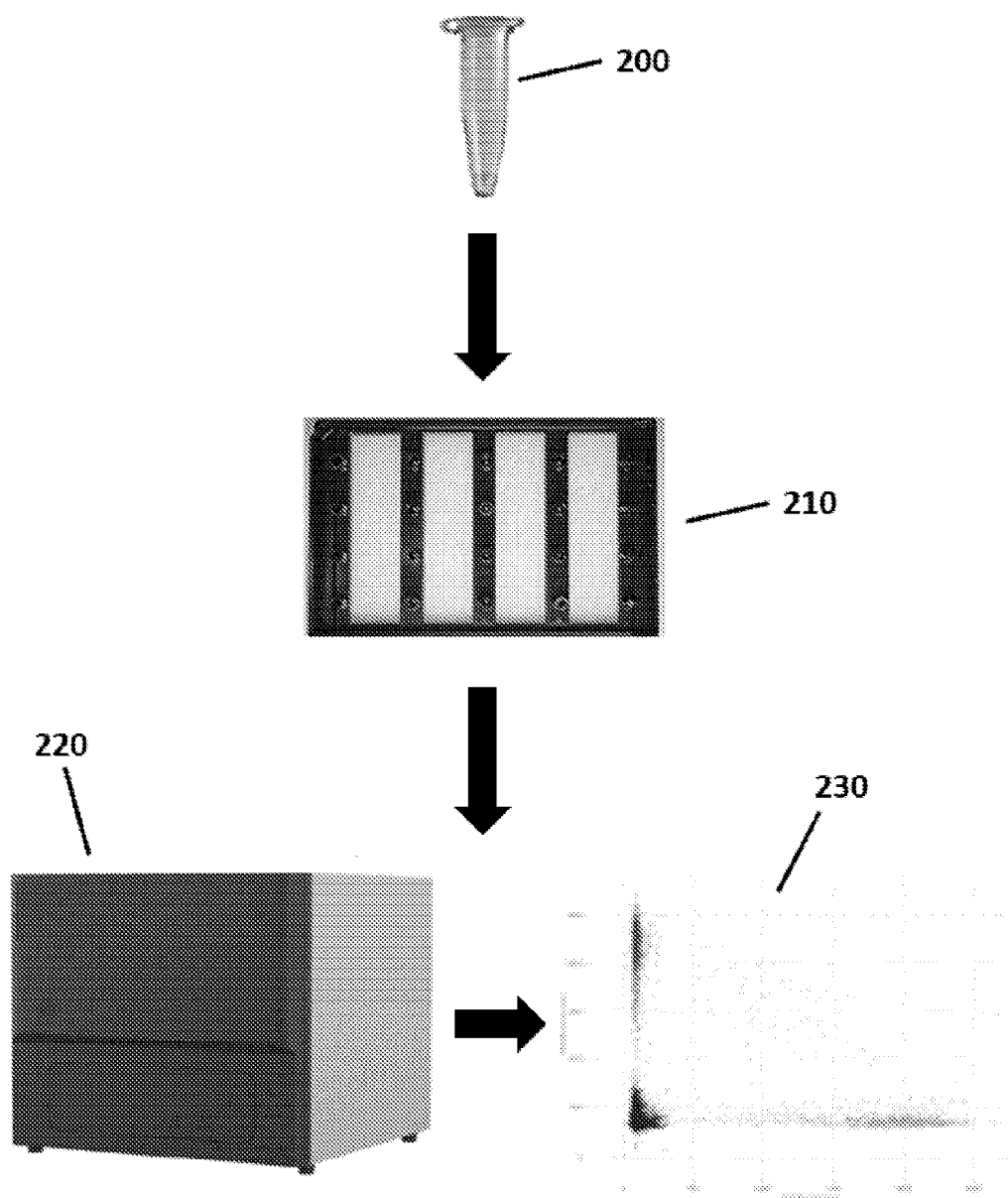
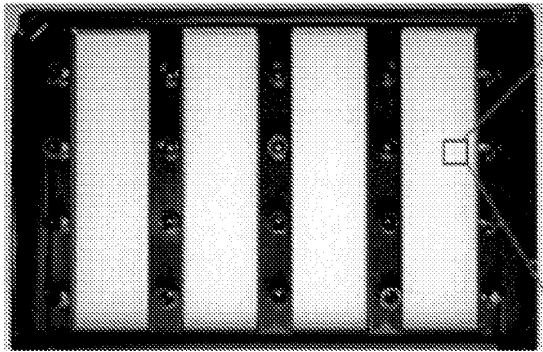


FIG. 1

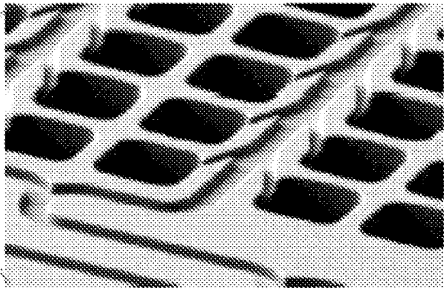
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**FIG. 2**



16 samples/plate, 20k partitions/sample

FIG. 3A



Injection molded microchambers

FIG. 3B

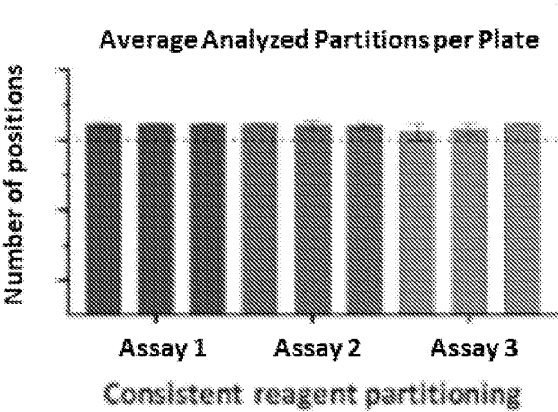
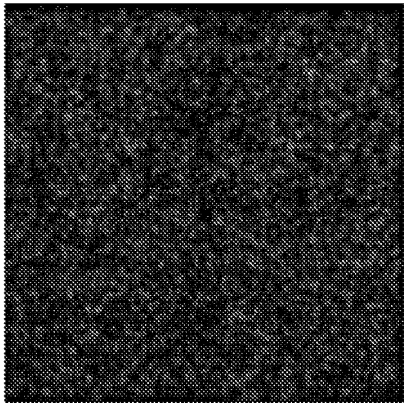


FIG. 3C



4-color multiplexity

FIG. 3D

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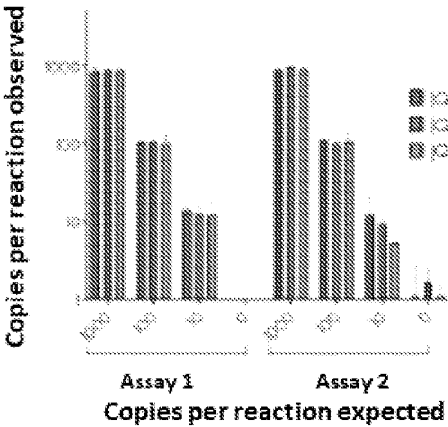


FIG. 3E

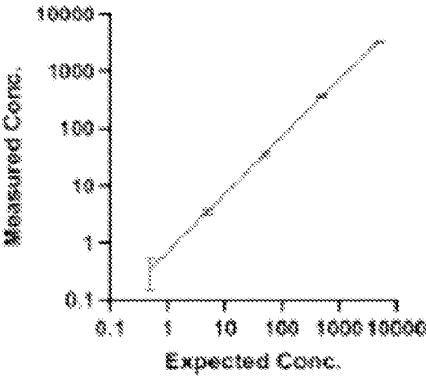


FIG. 3F

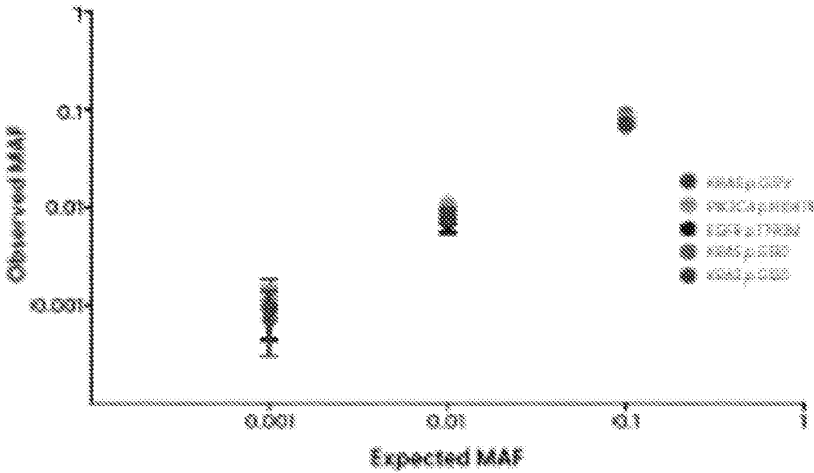


FIG. 3G

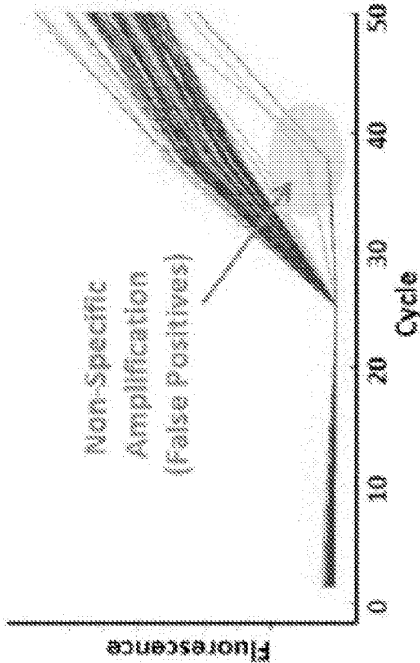


FIG. 4B

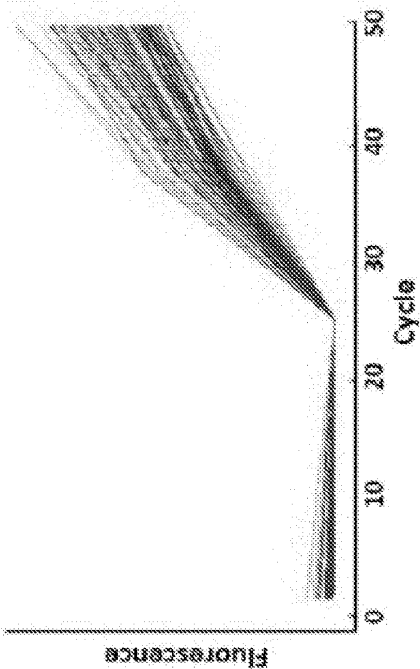


FIG. 4A

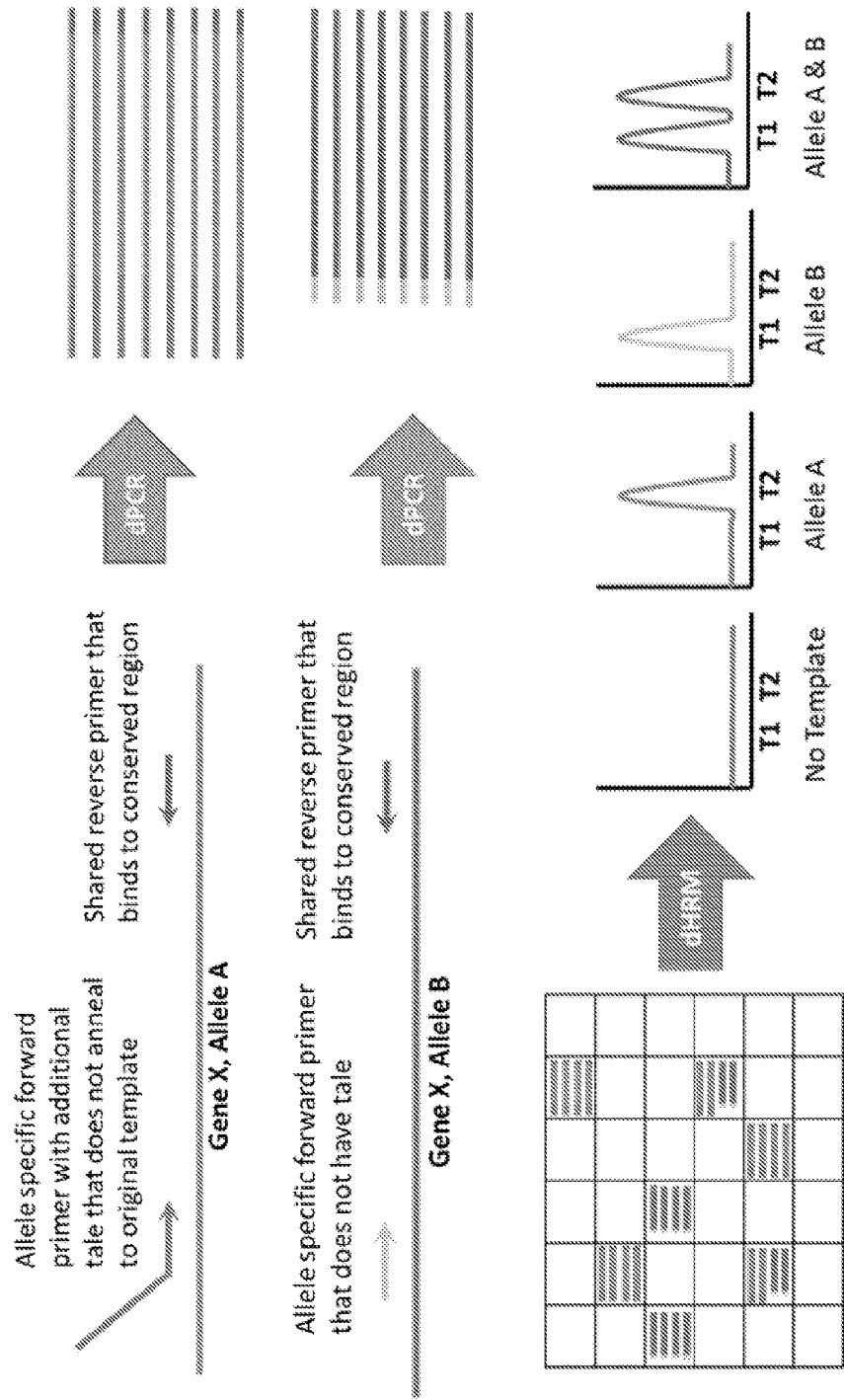


FIG. 5

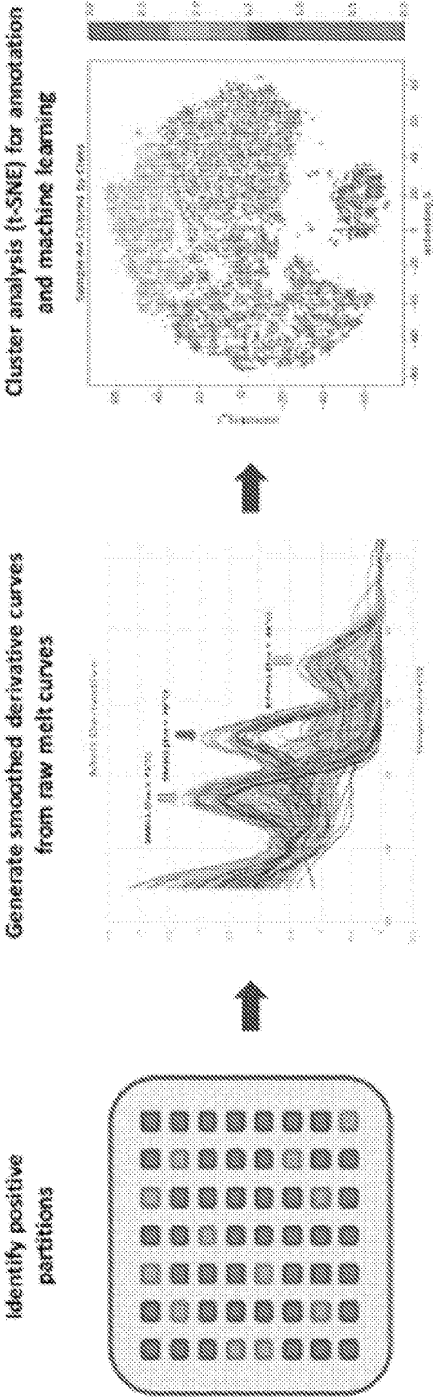
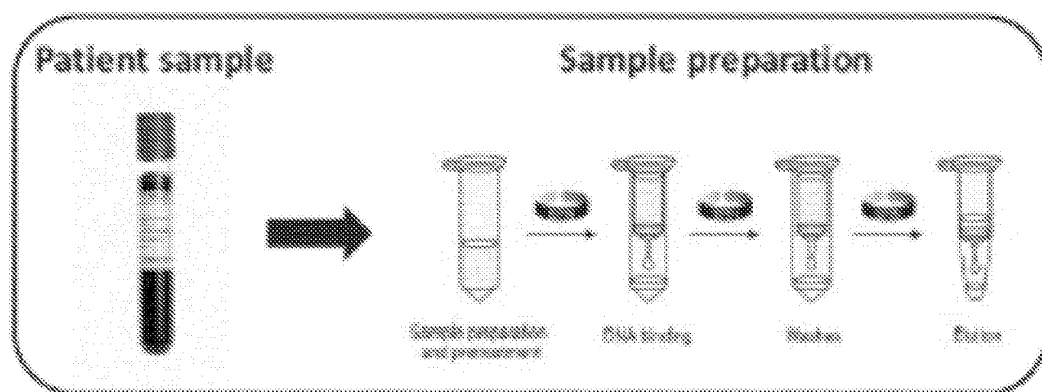
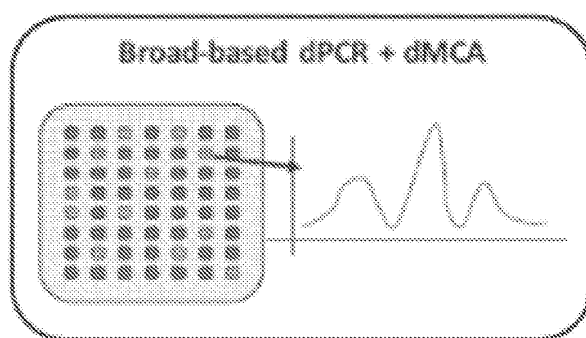
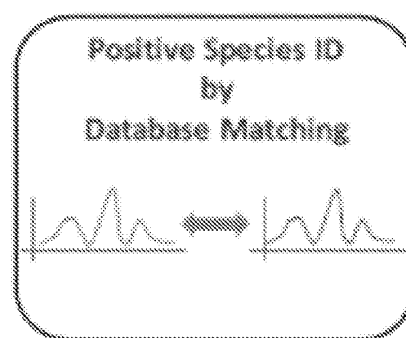
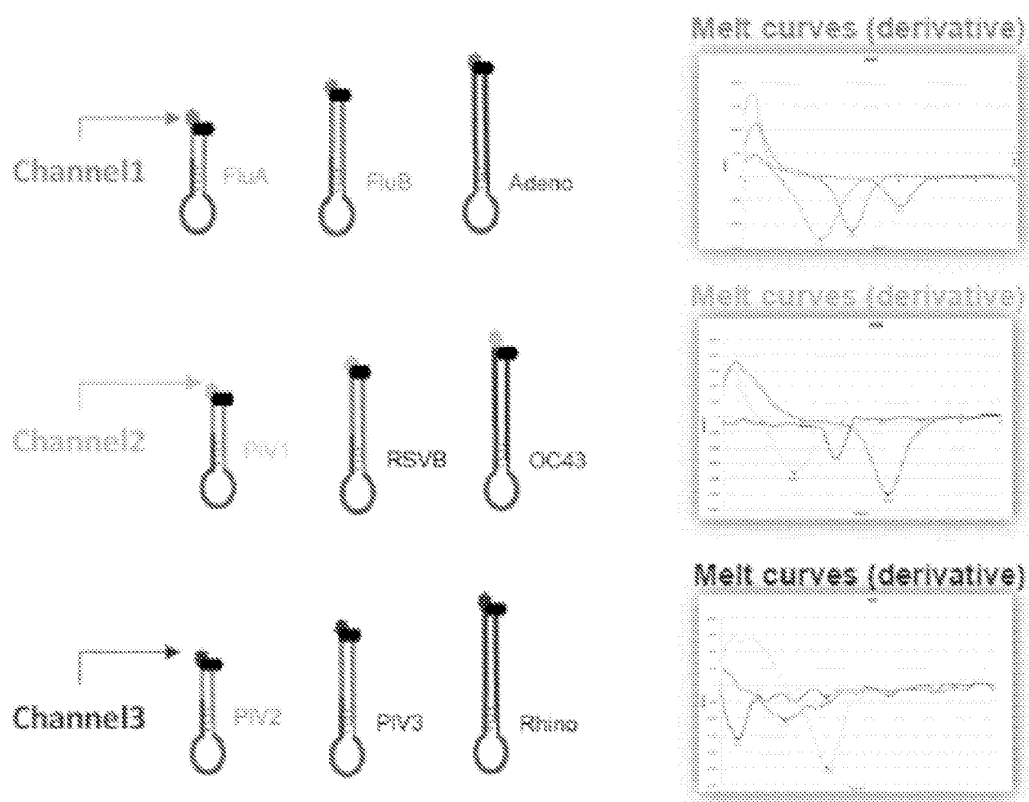


FIG. 6

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**FIG. 7A****FIG. 7B****FIG. 7C**

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**FIG. 8**

Design Parameter	Target Specification
Field of View	100mm x 75mm
Limit of detection	50nM
# color channels	5 (FAM, VIC, TAMRA, ROX, Cy5)
Resolution	10µm/pixel
Excitation Uniformity	±10% edge-to-edge
Integration time	<2 seconds

FIG. 9A

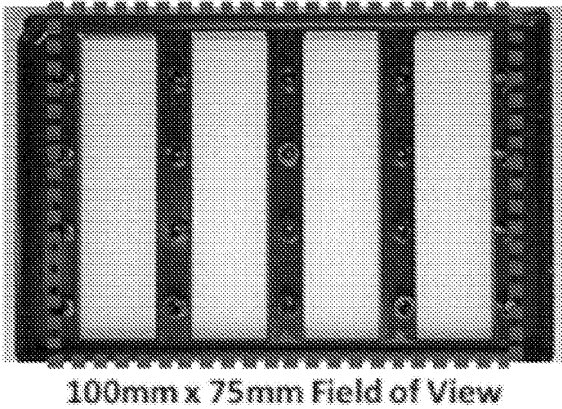


FIG. 9B

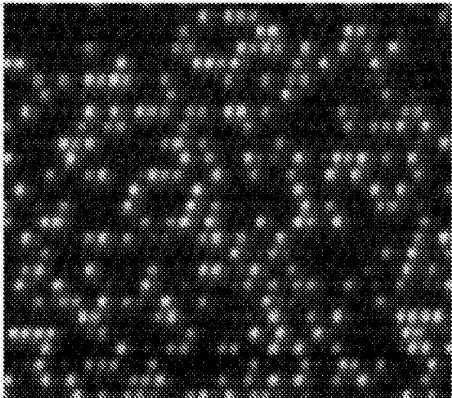


FIG. 9C

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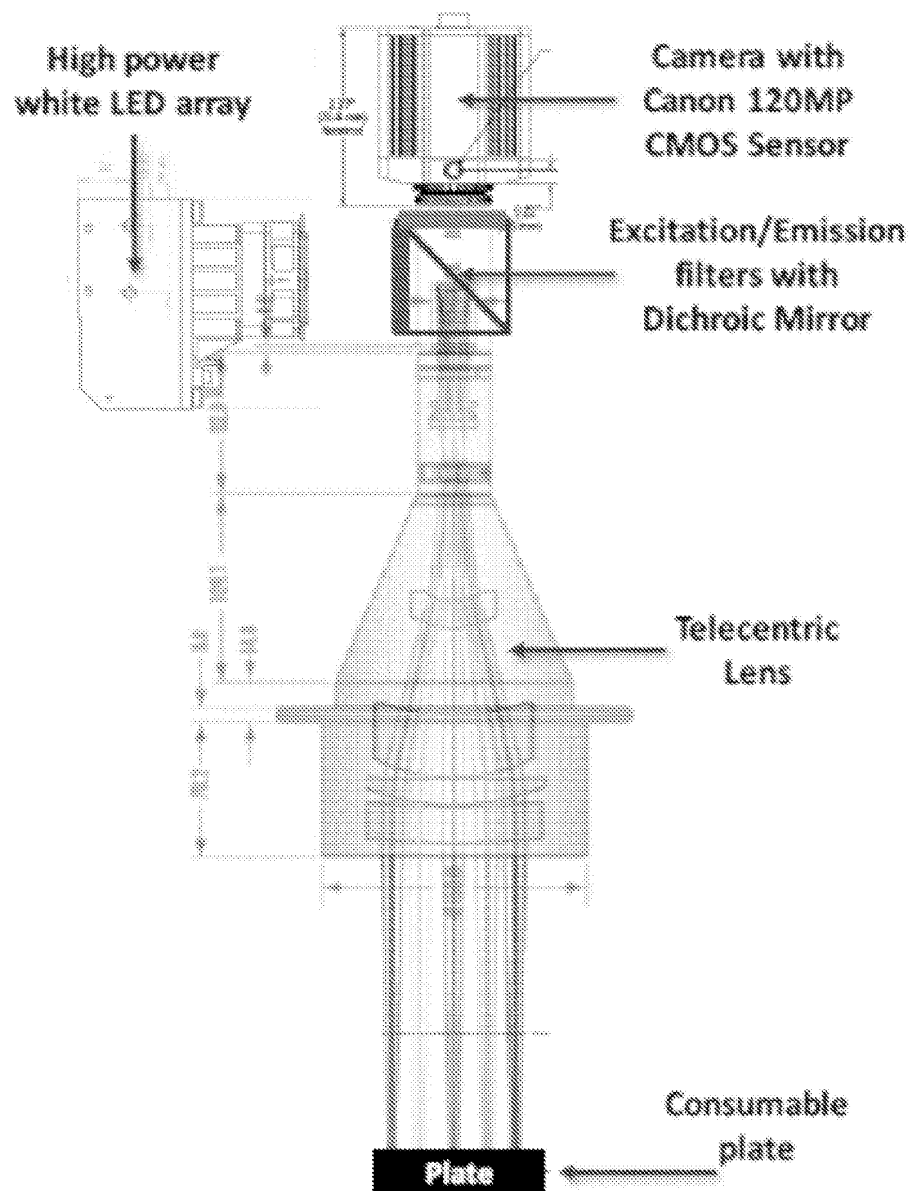


FIG. 10

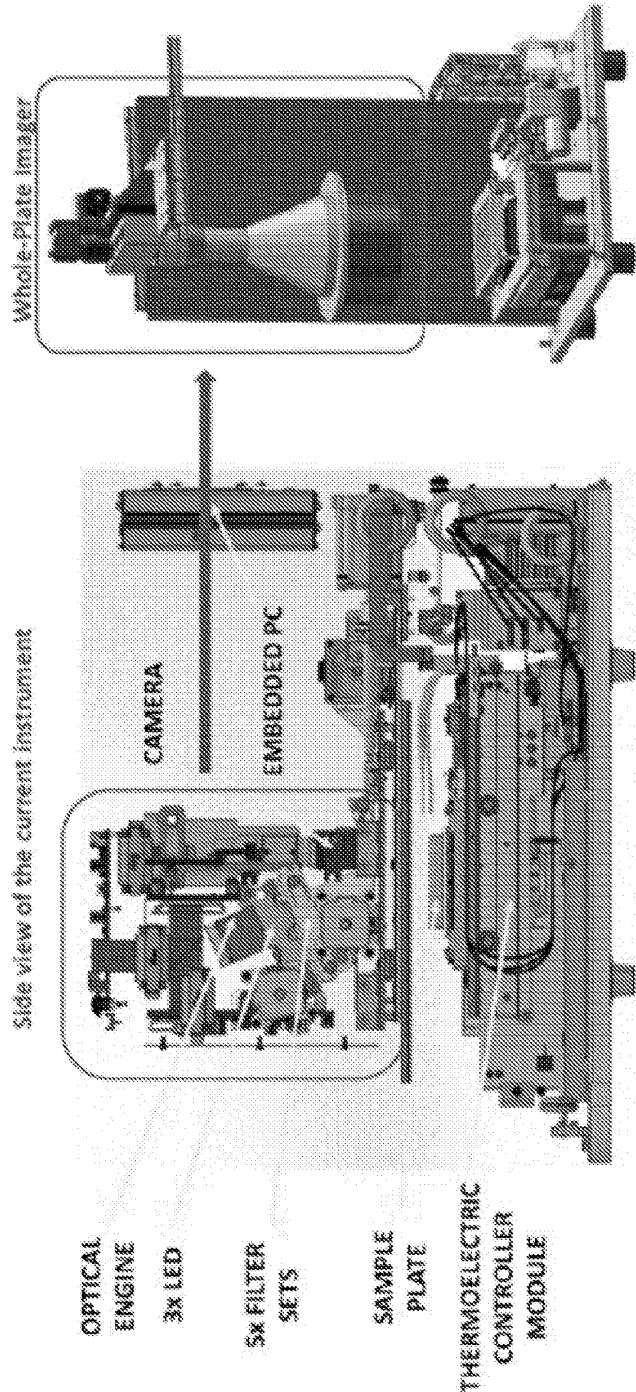
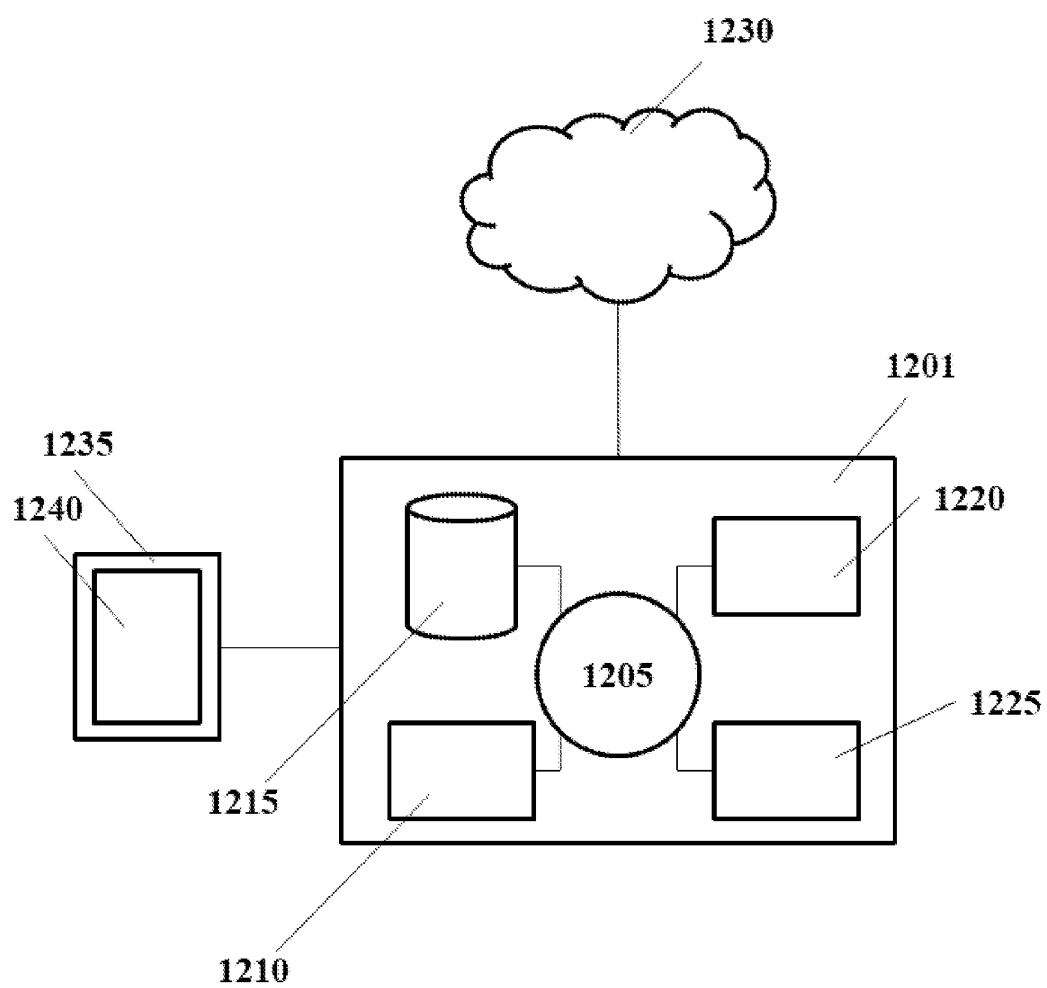


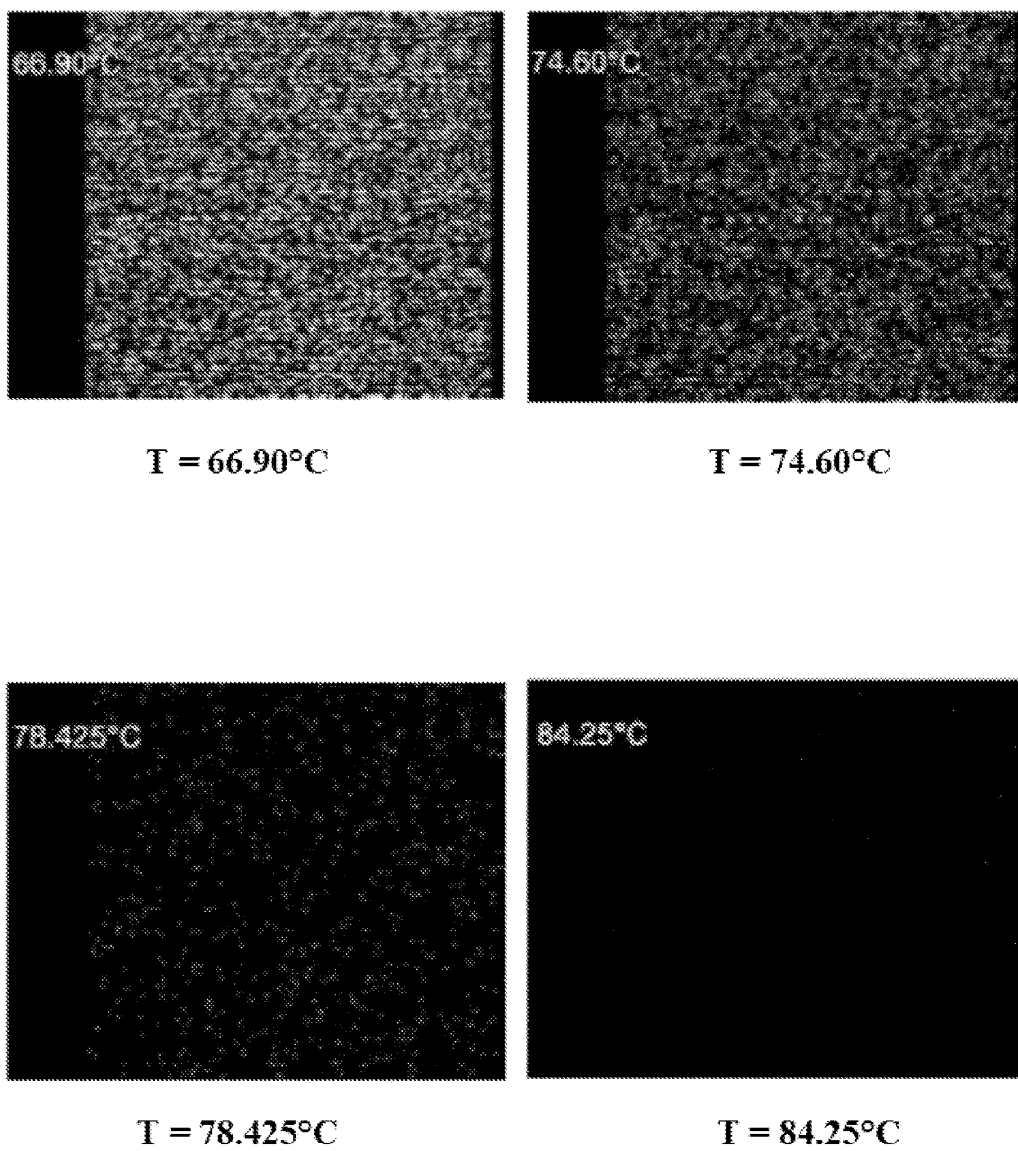
FIG. 11B

FIG. 11A

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**FIG. 12**

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**FIG. 13**

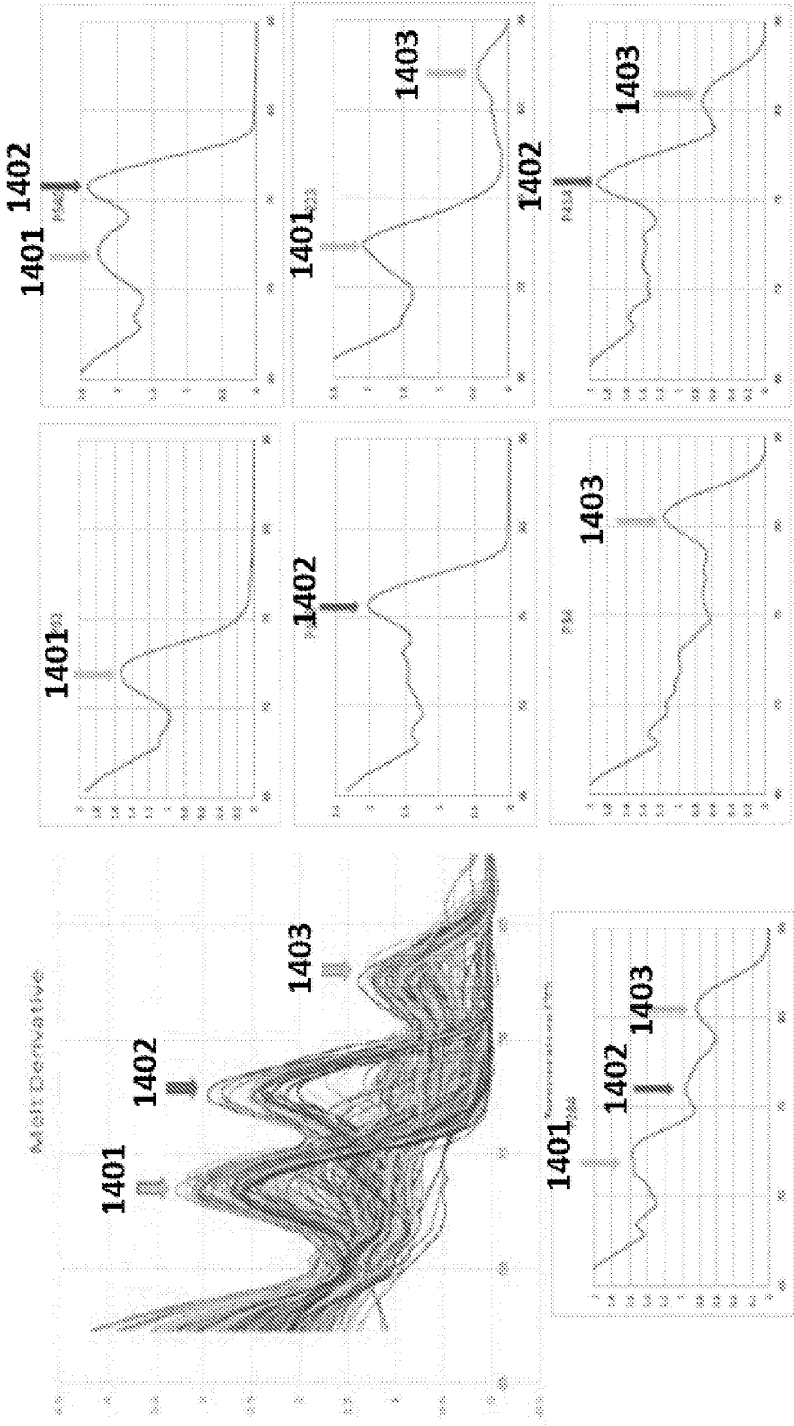


FIG. 14

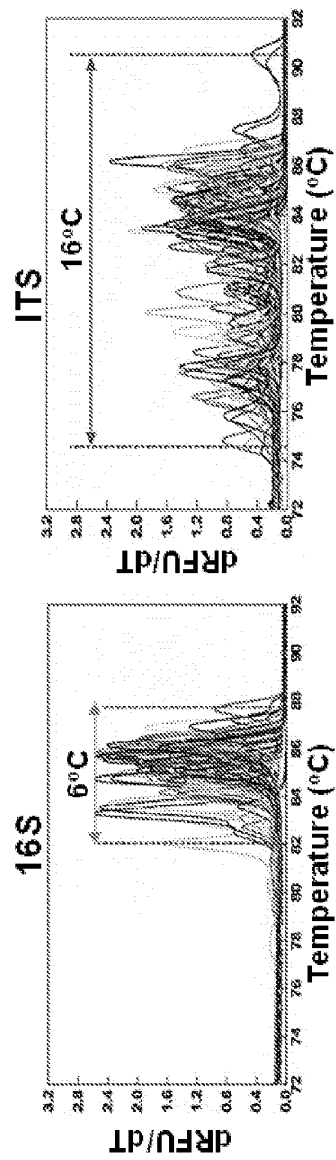


FIG. 15A

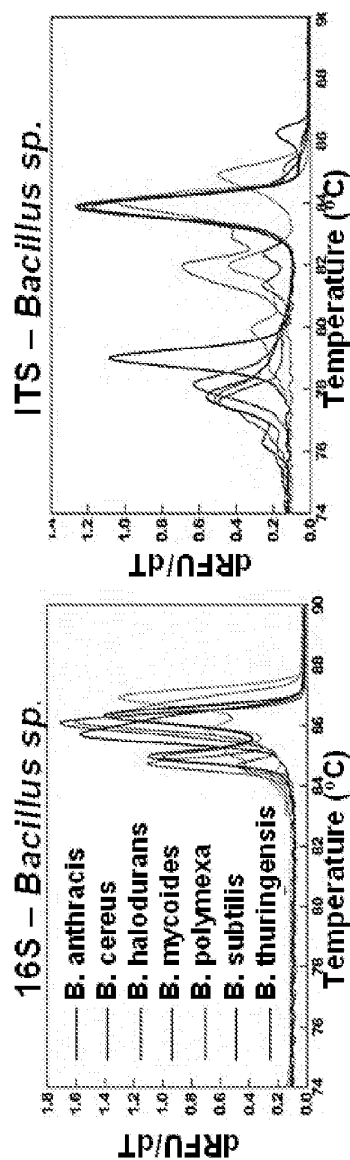


FIG. 15B

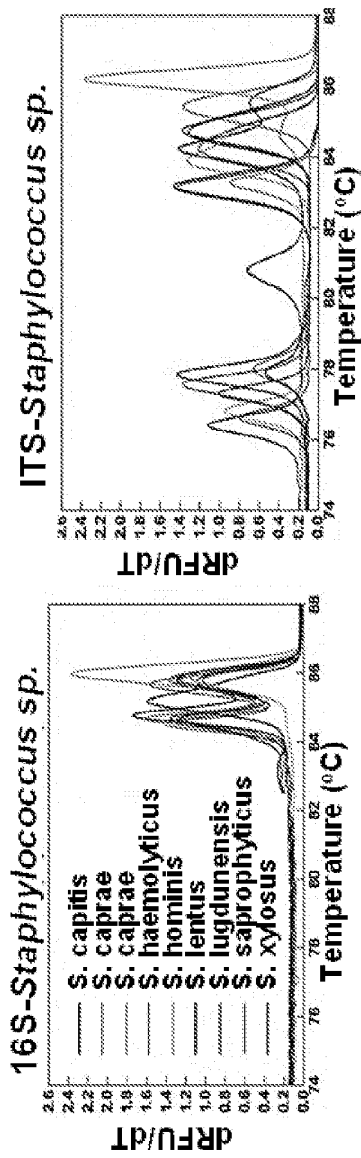


FIG. 15C

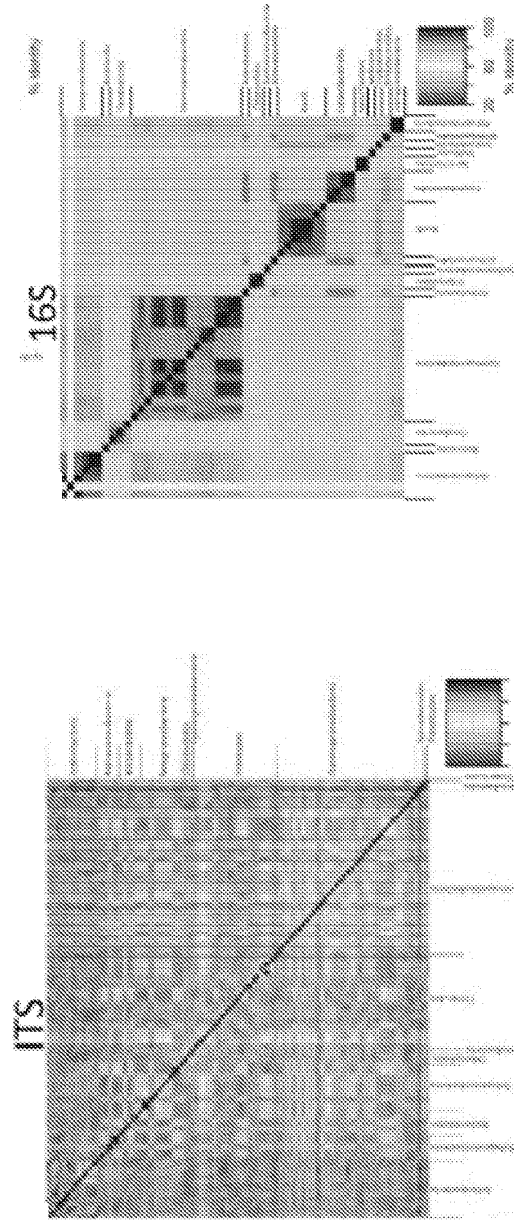


FIG. 15E

FIG. 15D