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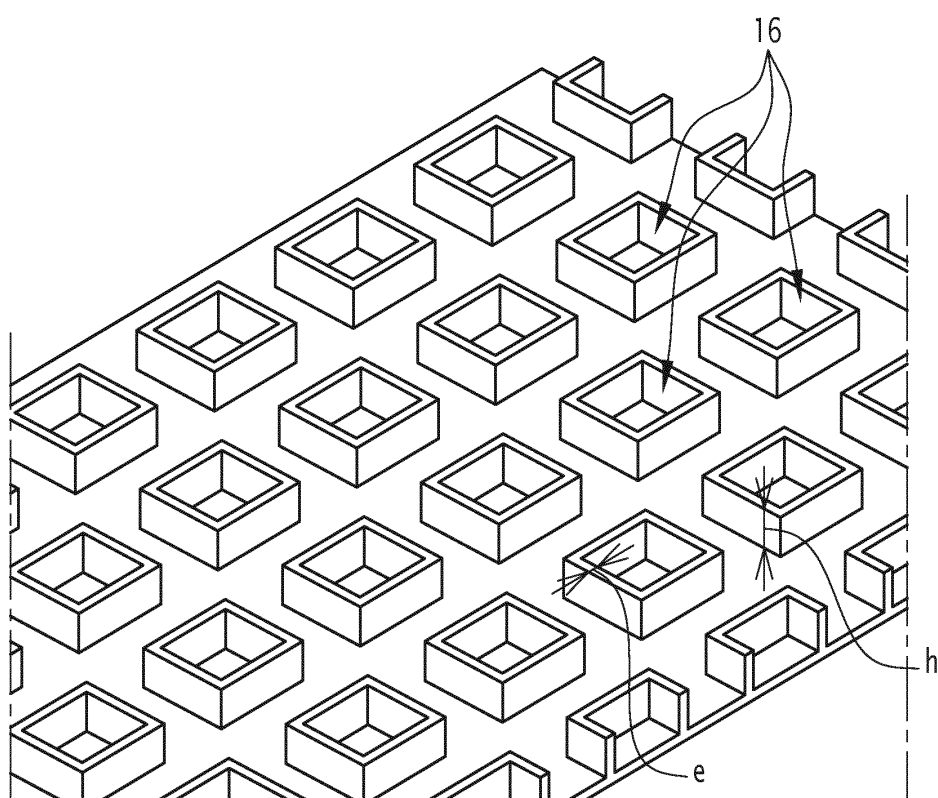


FIG. 1

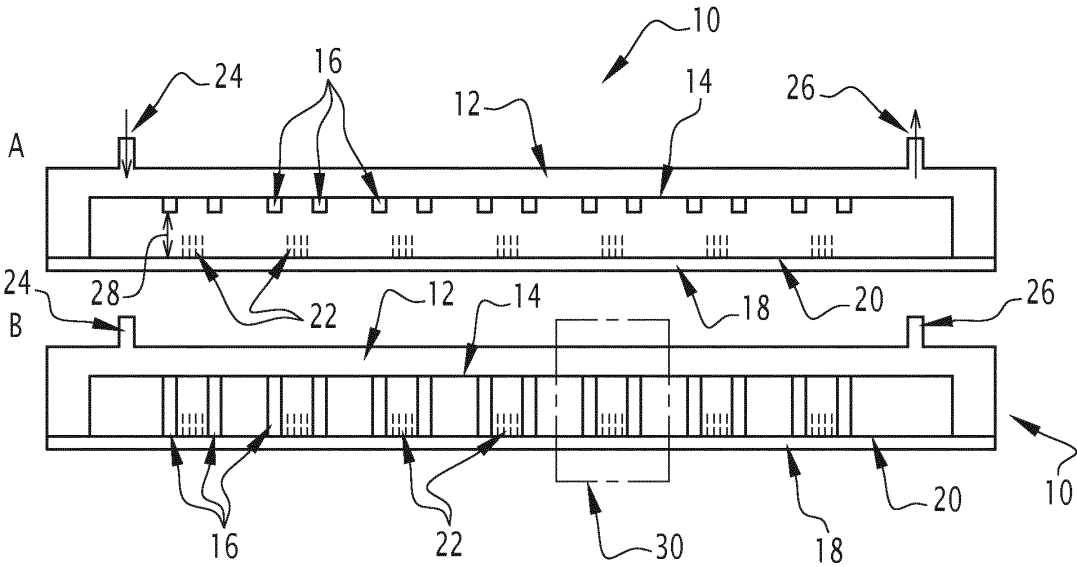


FIG.2

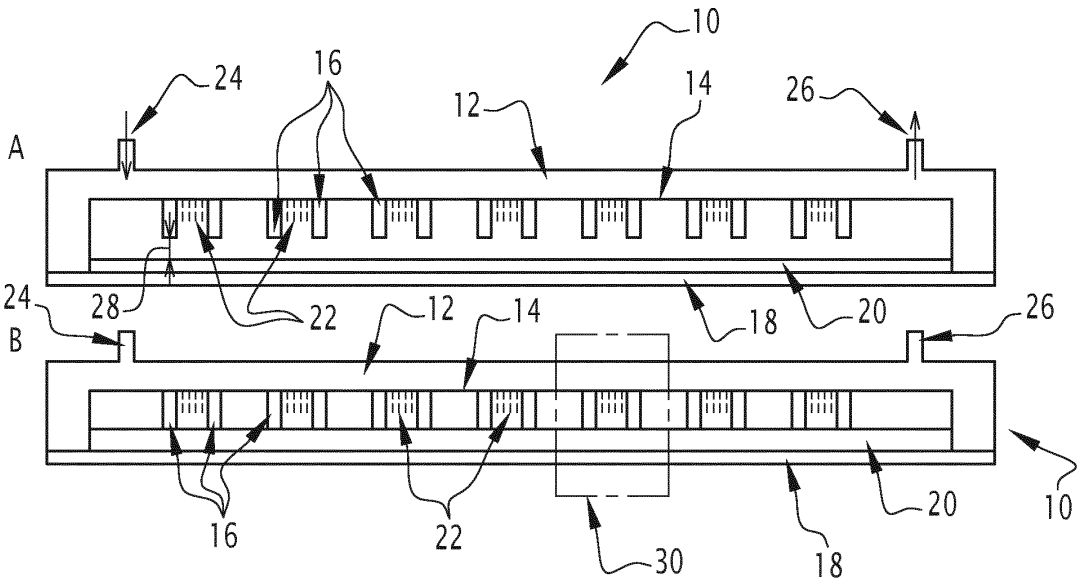
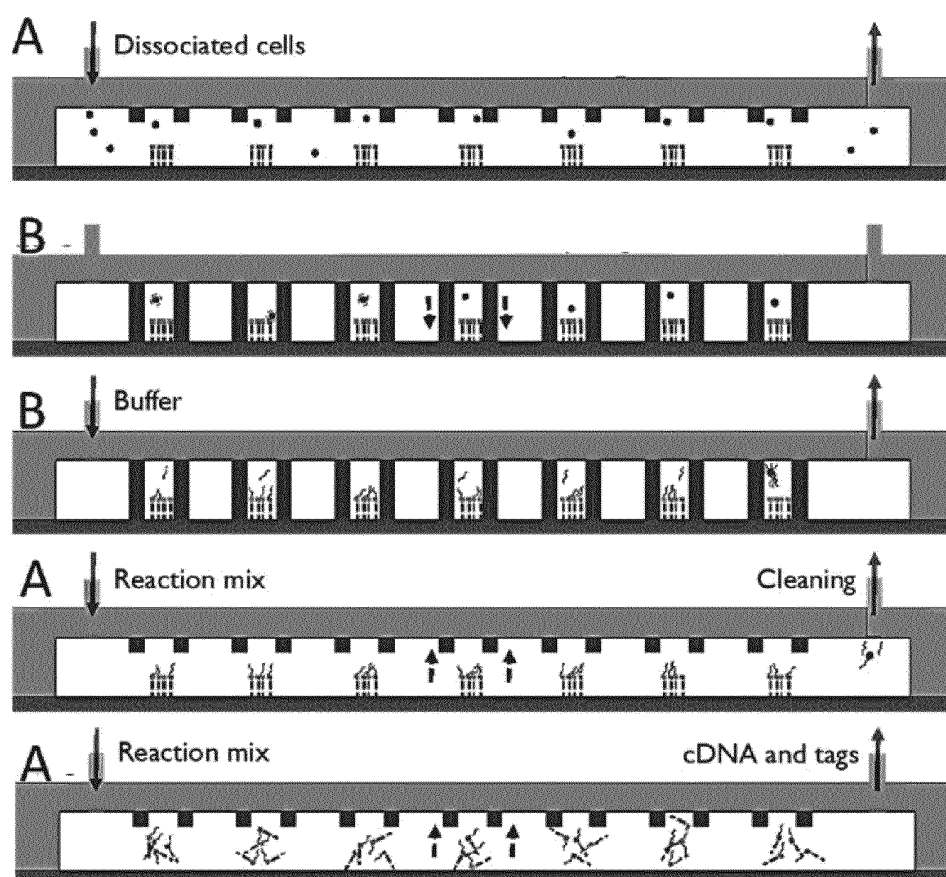
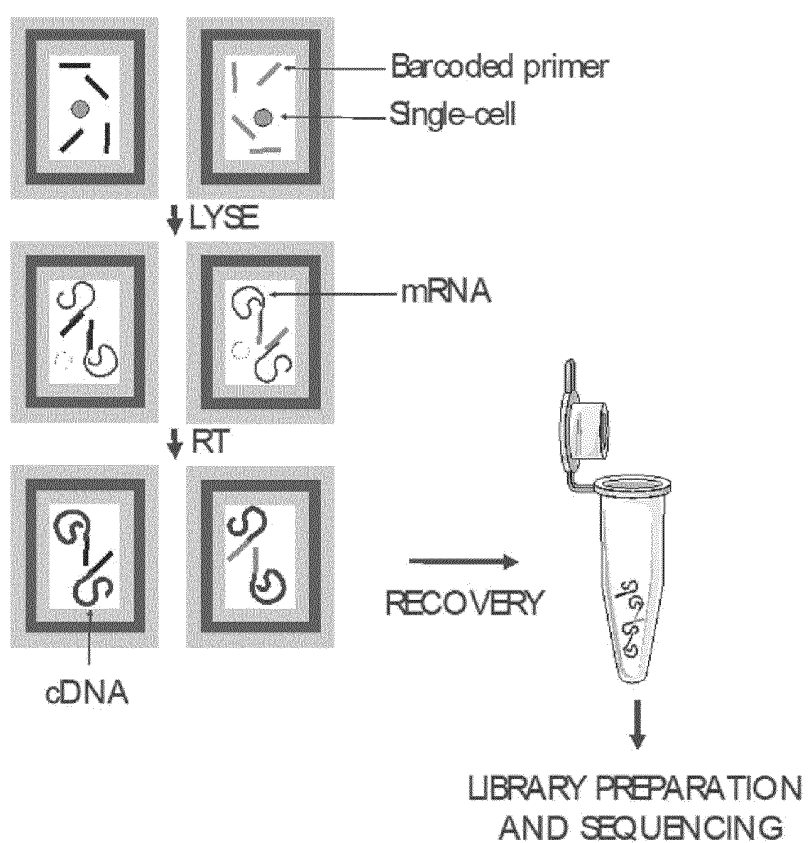


FIG.3

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FIG.4

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**FIG.5**

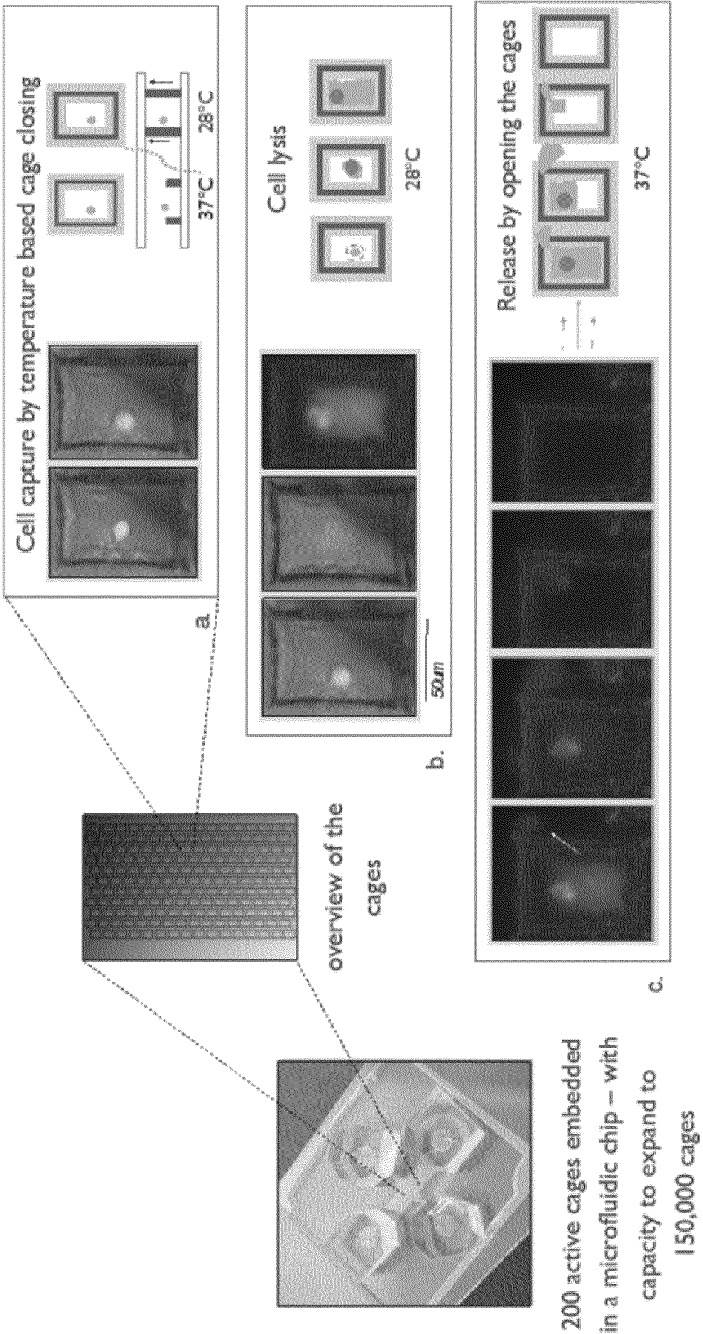
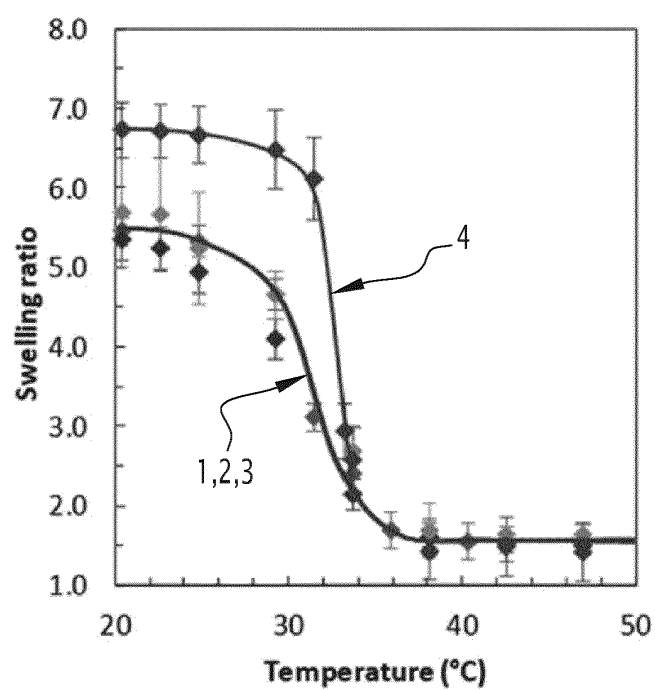
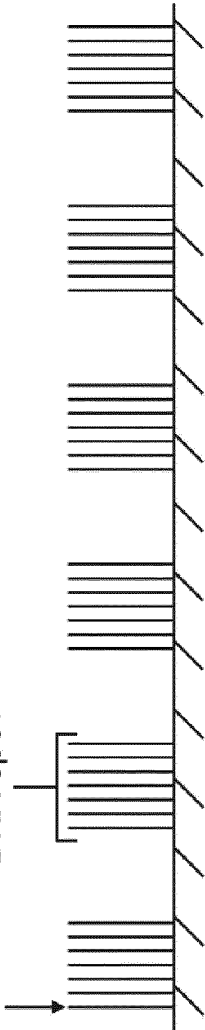


FIG.6

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**FIG.7**

DNA spot



a.

Universal Cage Primer (UCP1c)	Cage Specific Barcode (up to 1M)	Part of U4c	Bmtl	post-Bmtl
GTTCGGAACGGCTAGAGTGG	TCGCTCAACCTTCCA	TTGTGGCTGCGGTGGCGA	GCTAGC	A

(SEQ ID NO :17)

b.

FIG.8

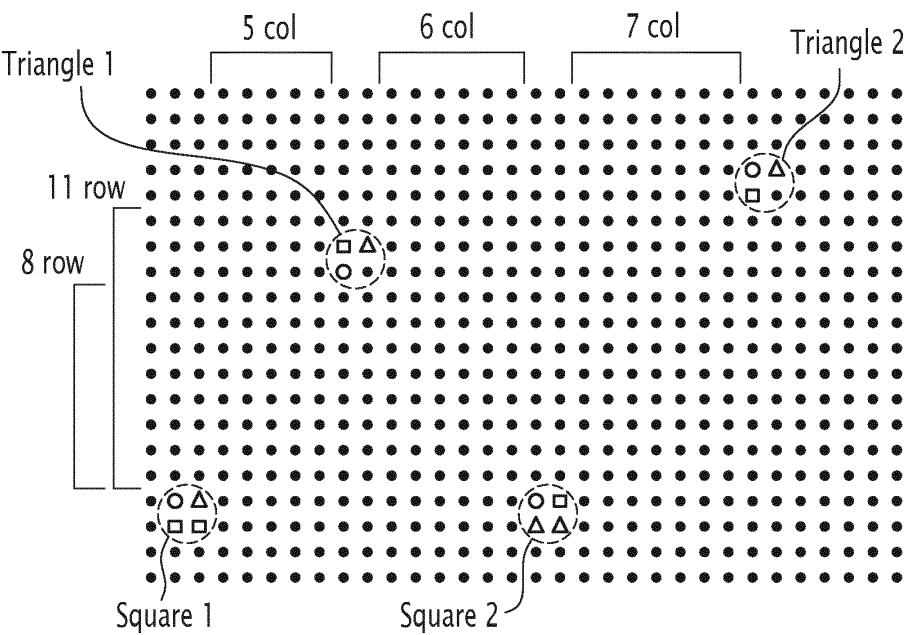
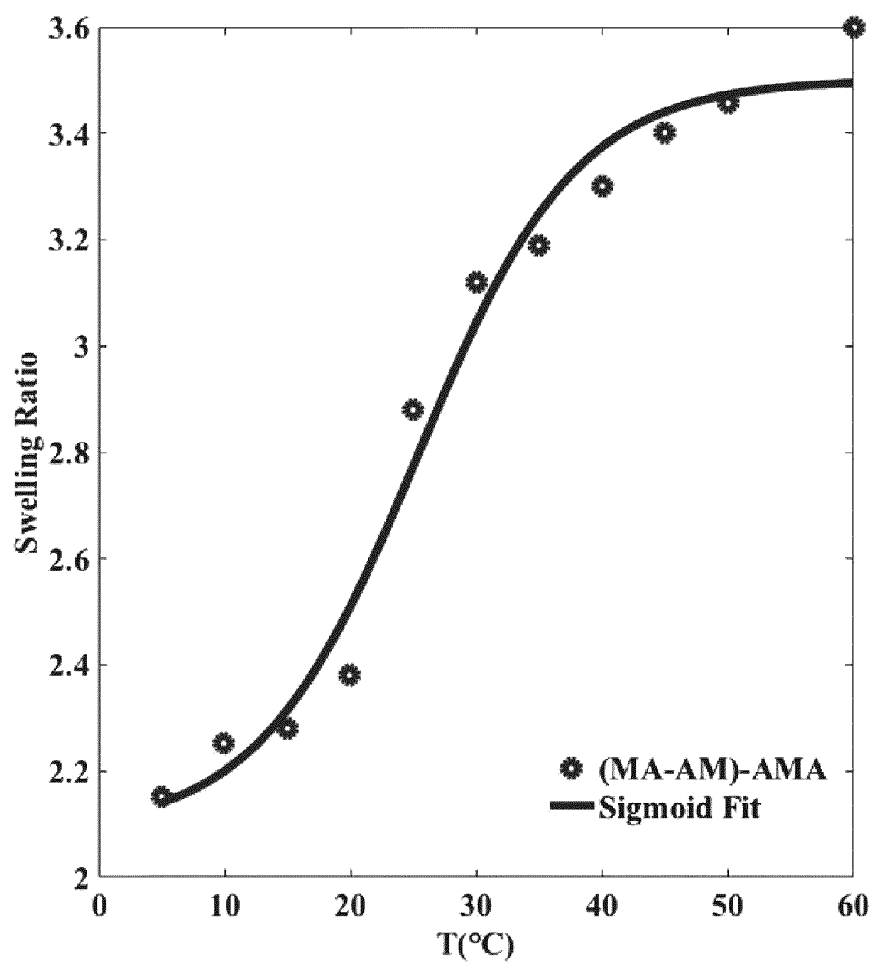


FIG.9

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**FIG.10**

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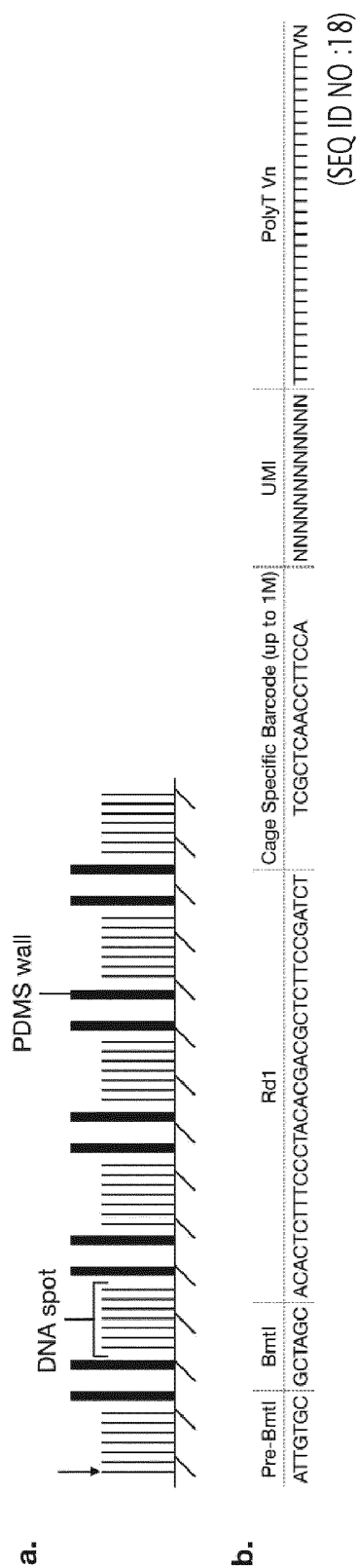


FIG.11

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Linker	Spacer sequence	BclI	U1	tag n°1	ASC4
/5Biosg/	CAATCACTGACCGGCCCTGAA	TGATCA	CCTTACCACTCGGGCCATGCCGCCAA	CACAACAC	GAACGGGCCCTCACAAATTGC

(SEQ ID NO :19)

FIG.12

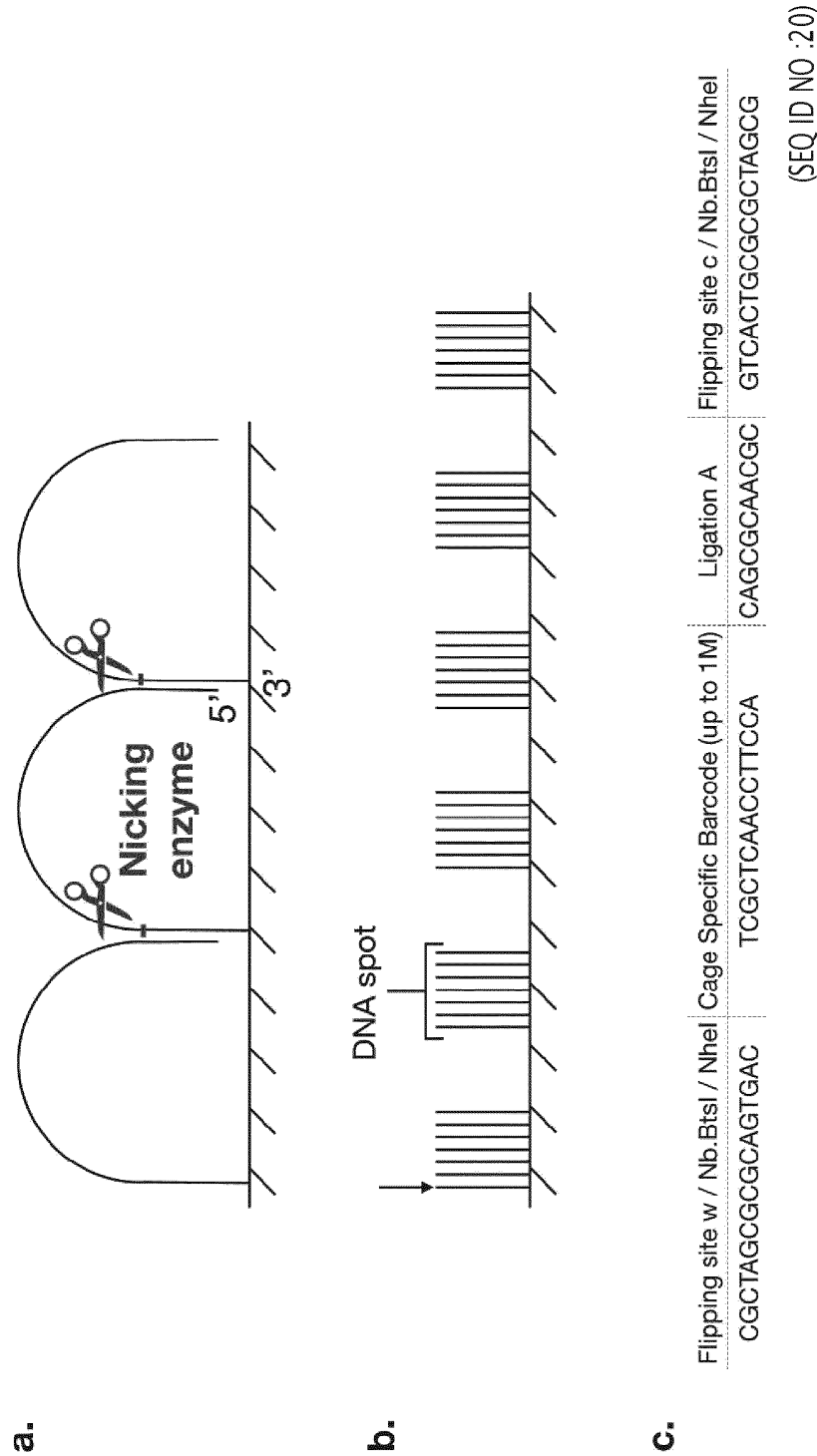
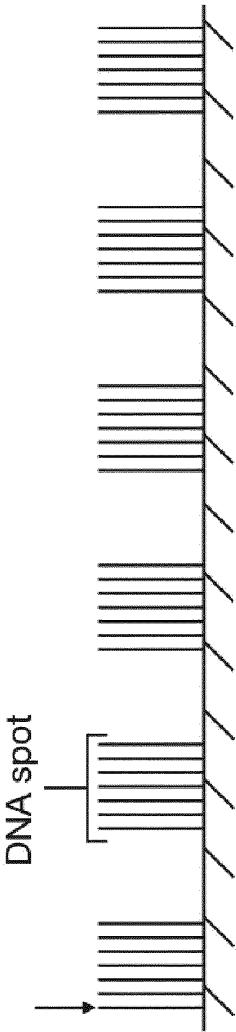


FIG.13



ME	Cage Specific Barcode (up to 1M)	Part of U4c	Bmtl	post-Bmtl
CTGTCTCTTATACACATCT	TCGCTCAACCTTCCA	TTGTGGCTGCGGTGGCGA	GCTAGC	AG

(SEQ ID NO :21)

FIG.14

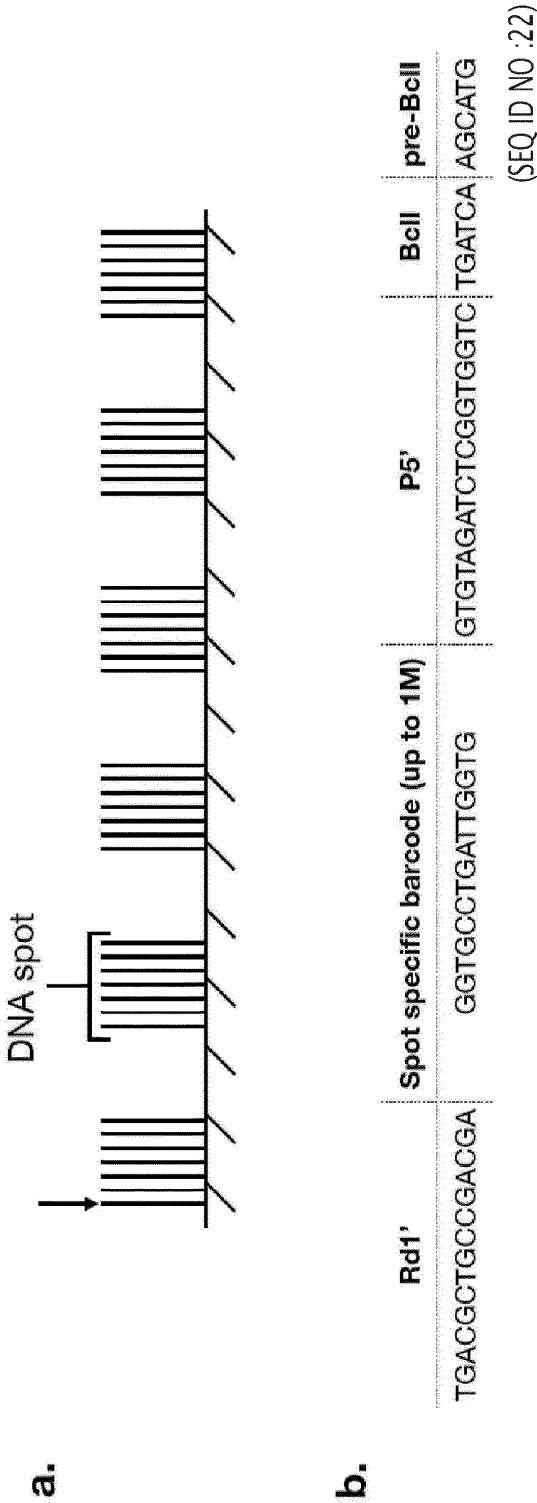


FIG.15

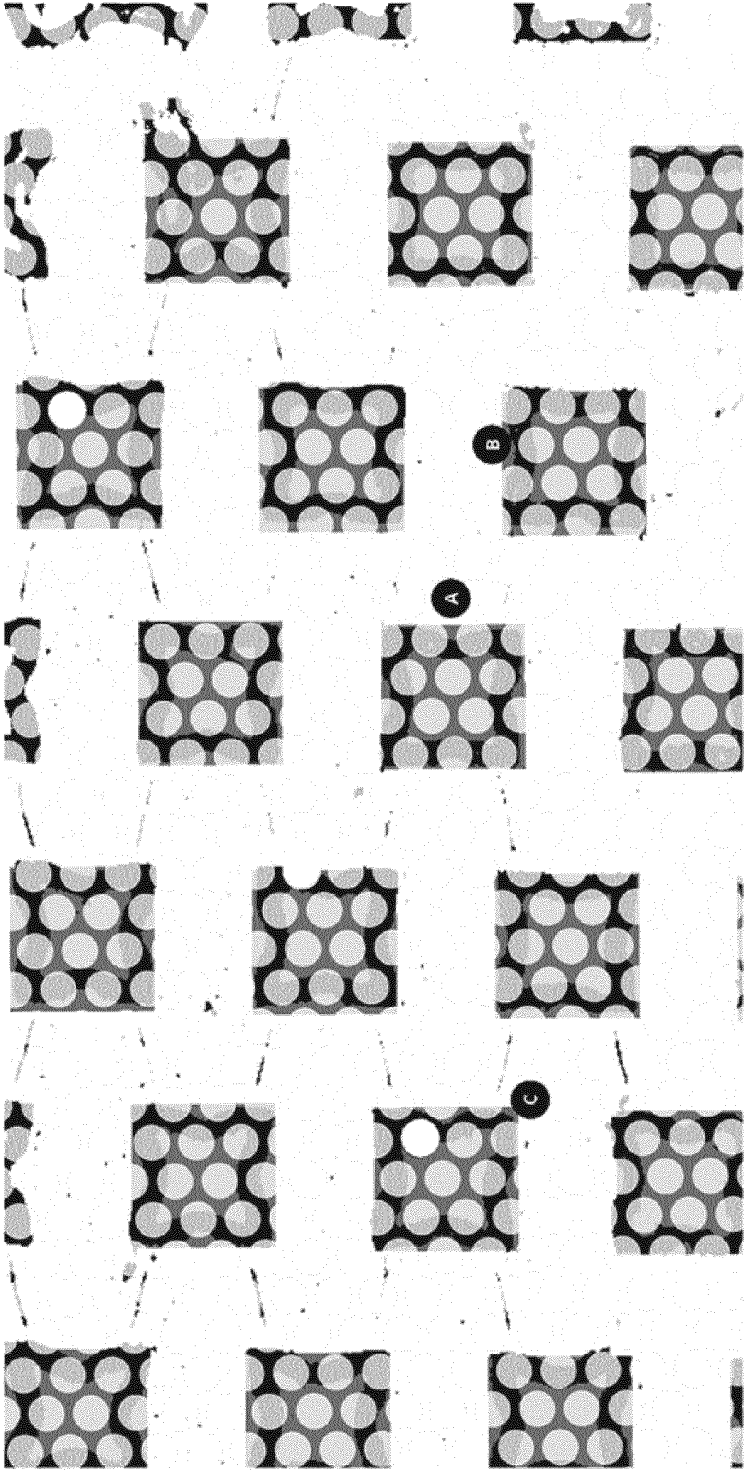


FIG.16

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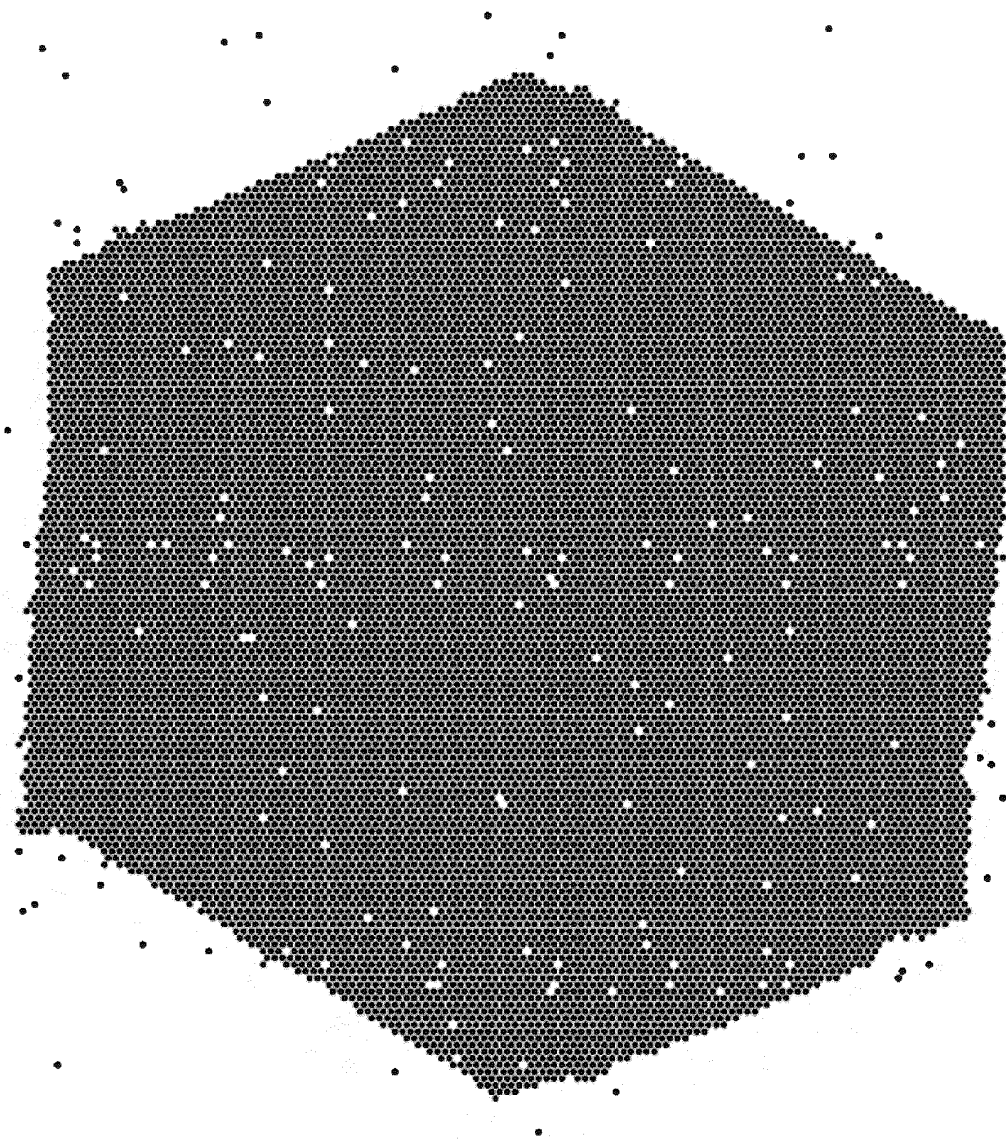


FIG.17

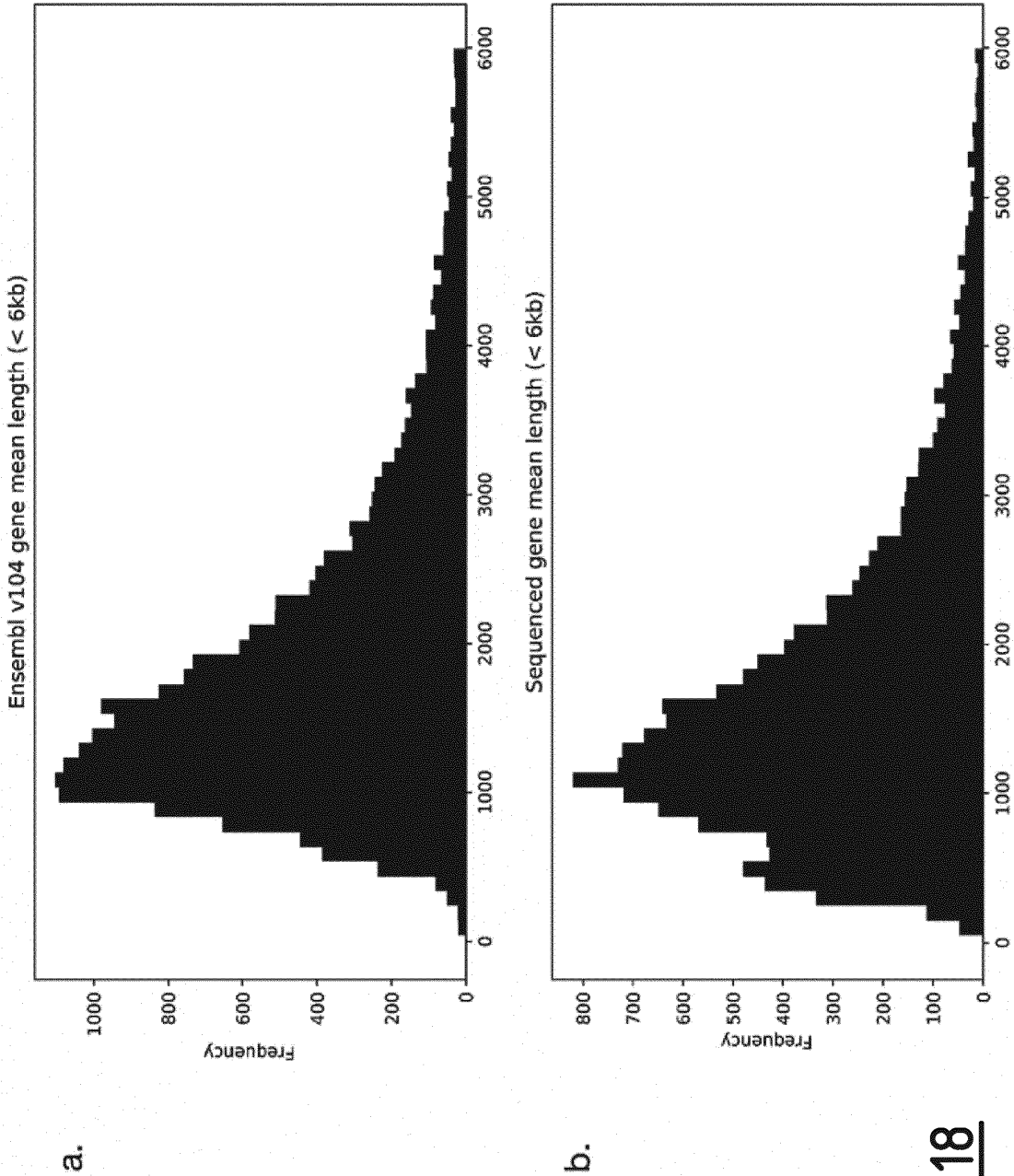


FIG.18

