

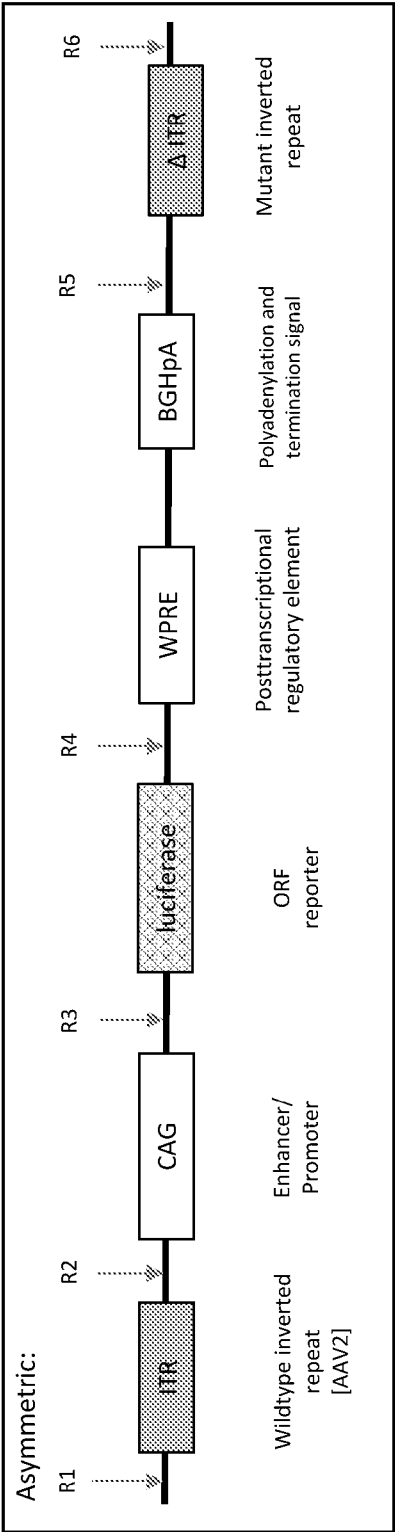


FIG. 1A

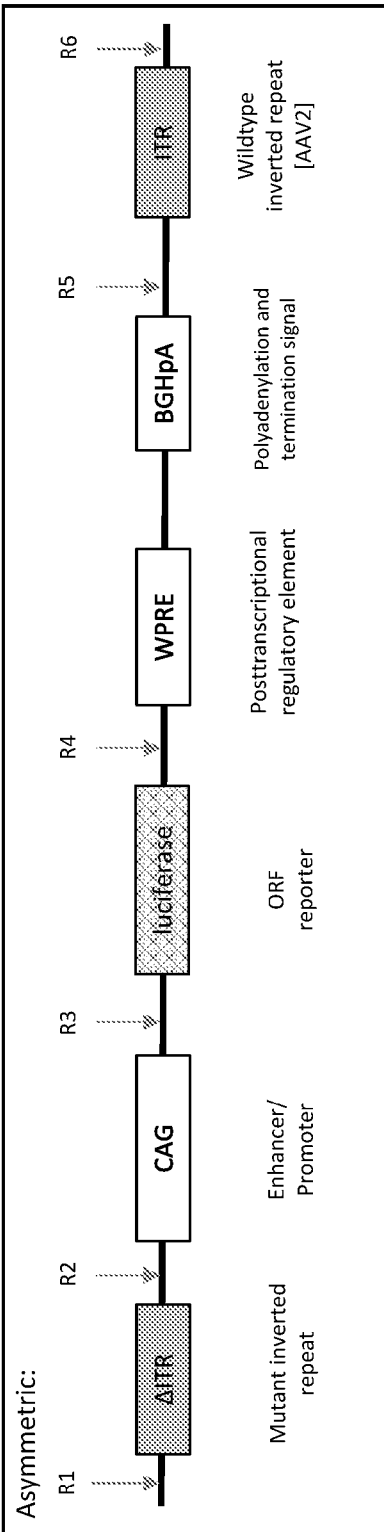


FIG. 1B

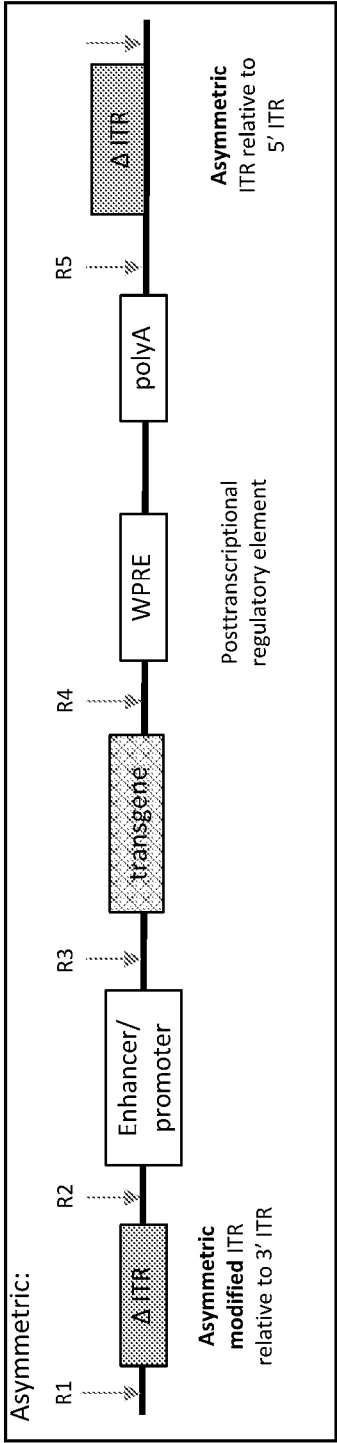


FIG. 1C

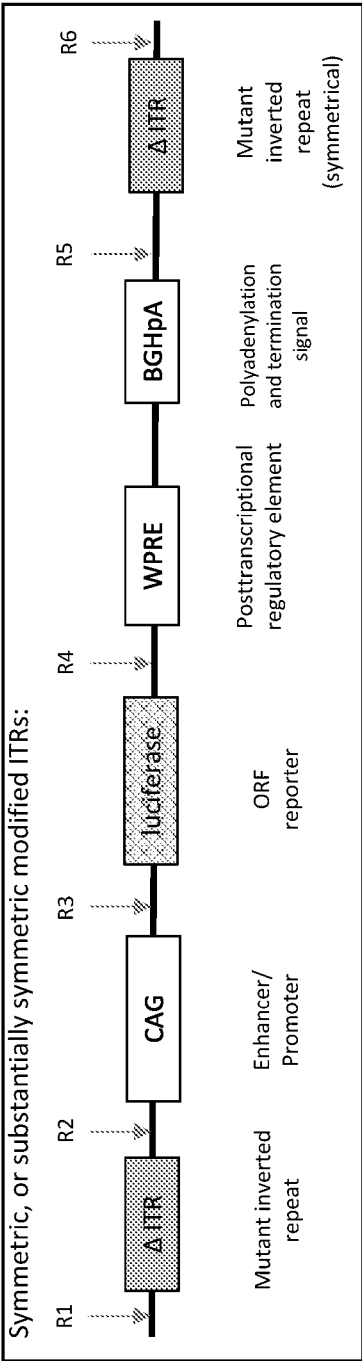


FIG. 1D

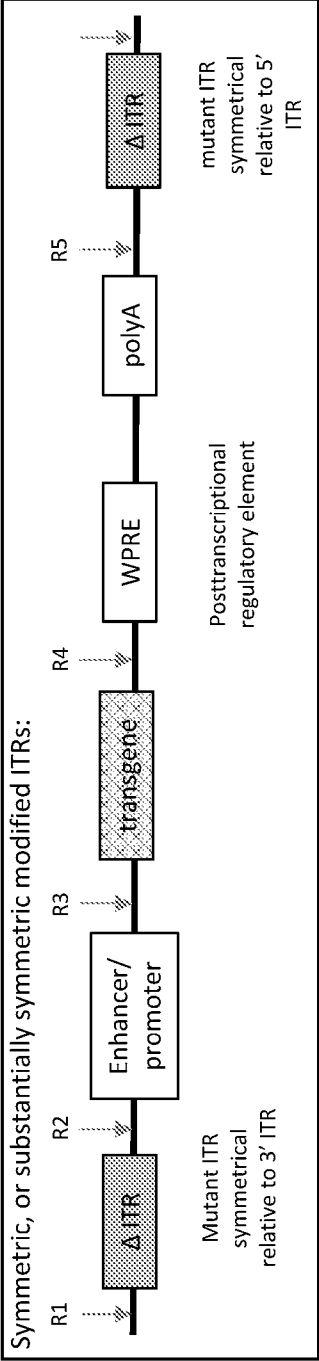


FIG. 1E

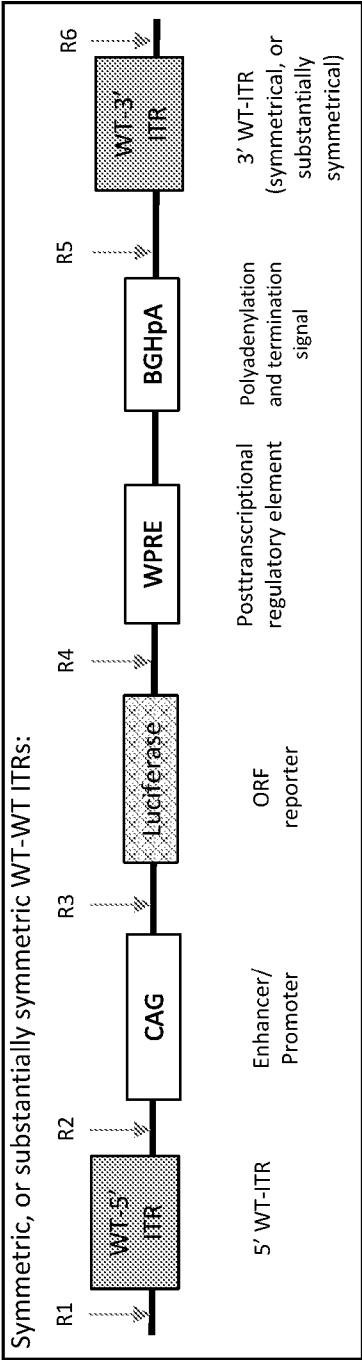


FIG. 1F

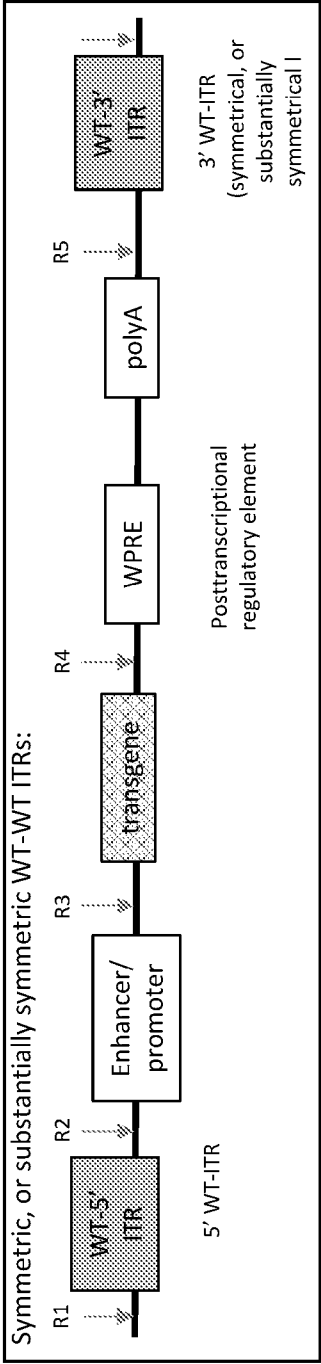


FIG. 1G

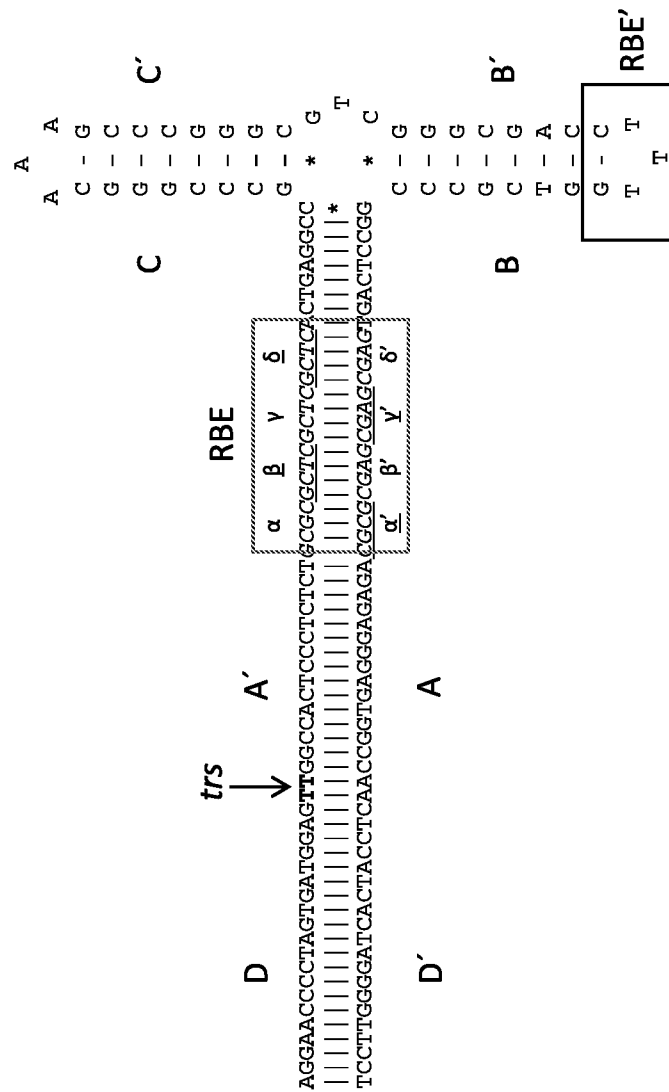


FIG. 2A

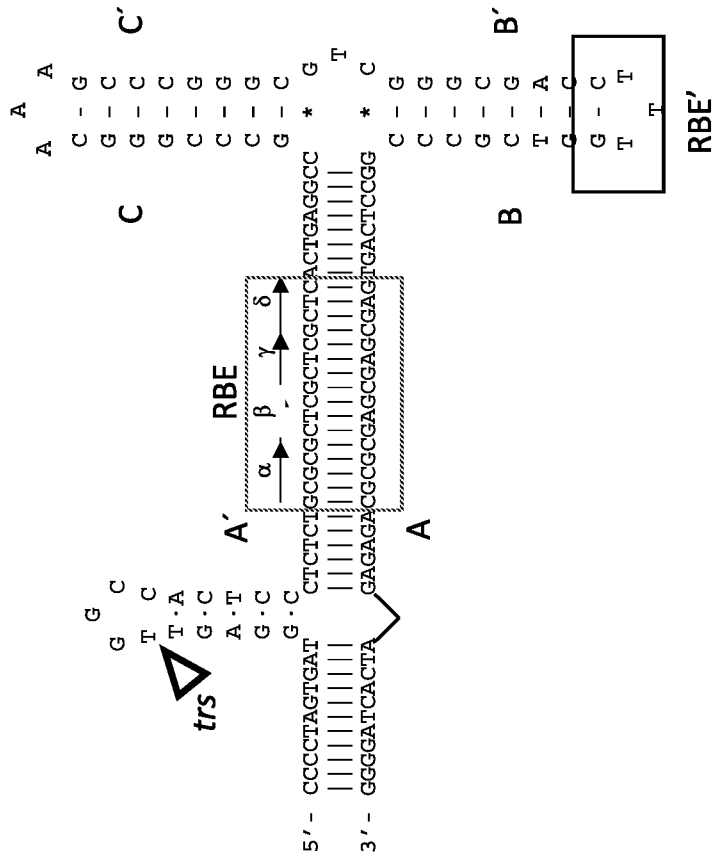


FIG. 2B

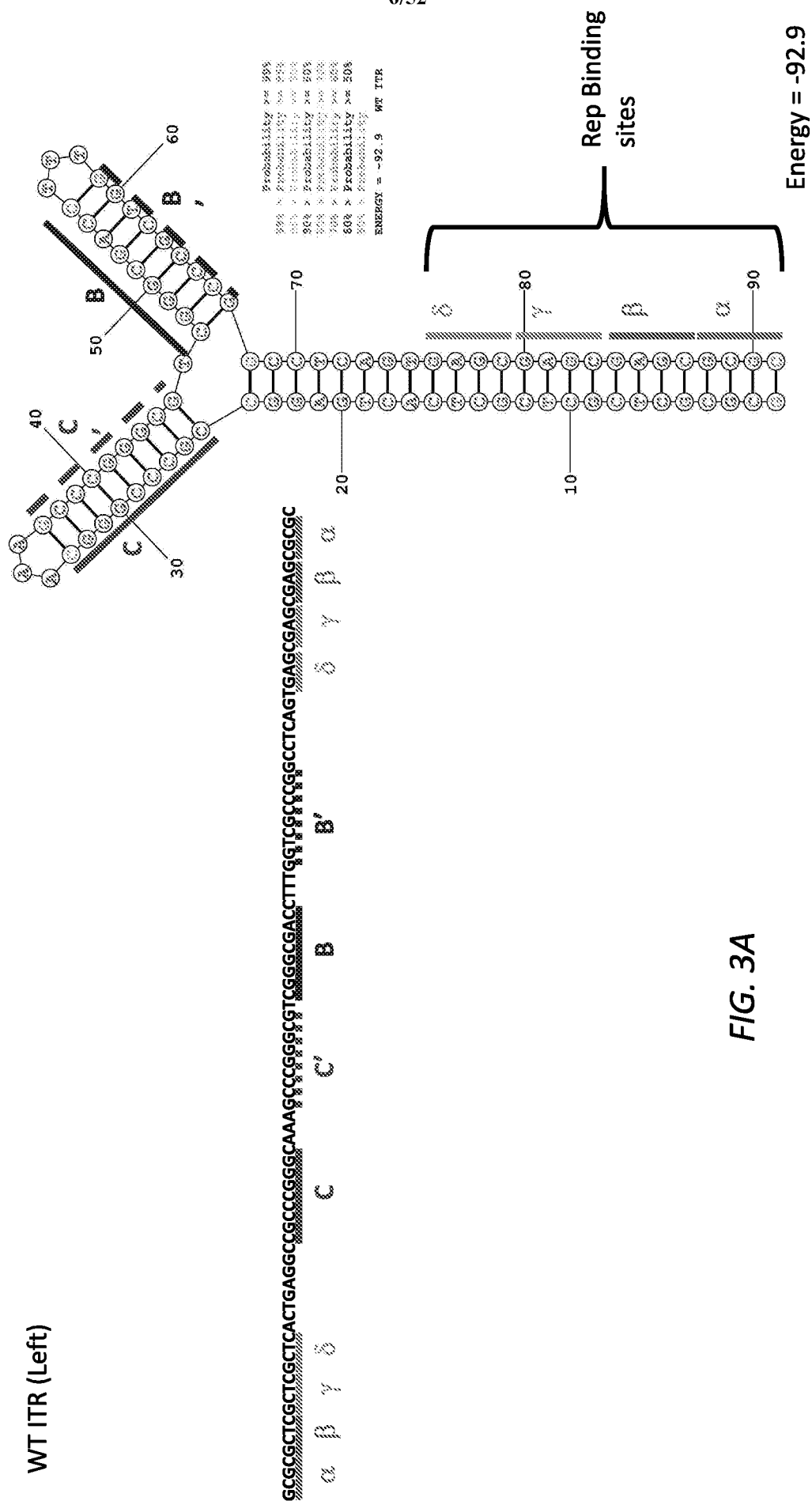


FIG. 3A

ITR-1, Left

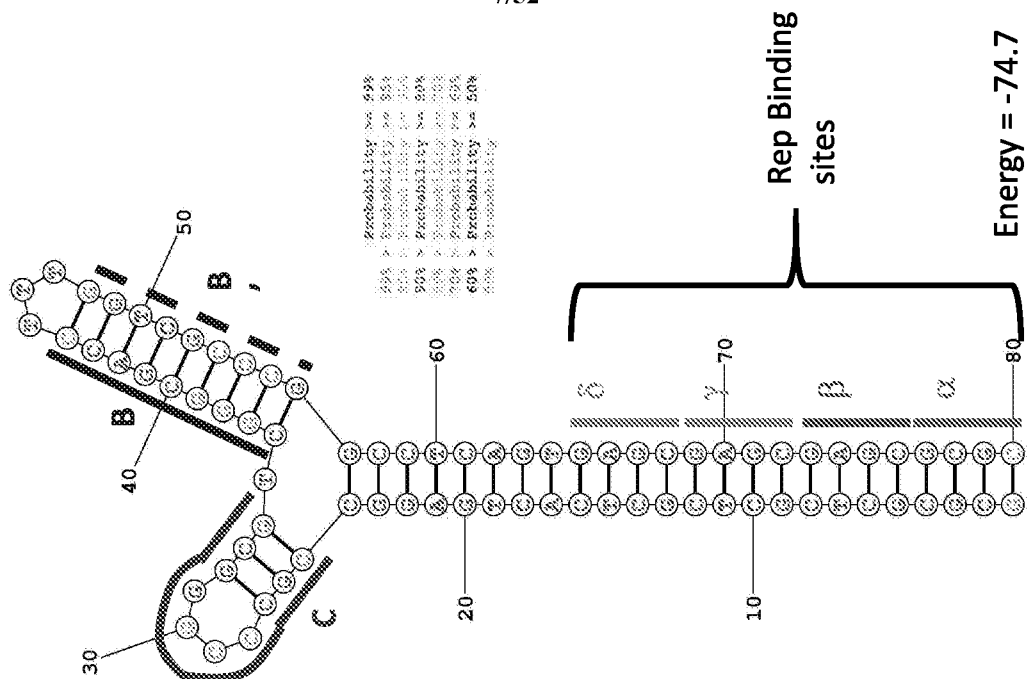


FIG. 3B

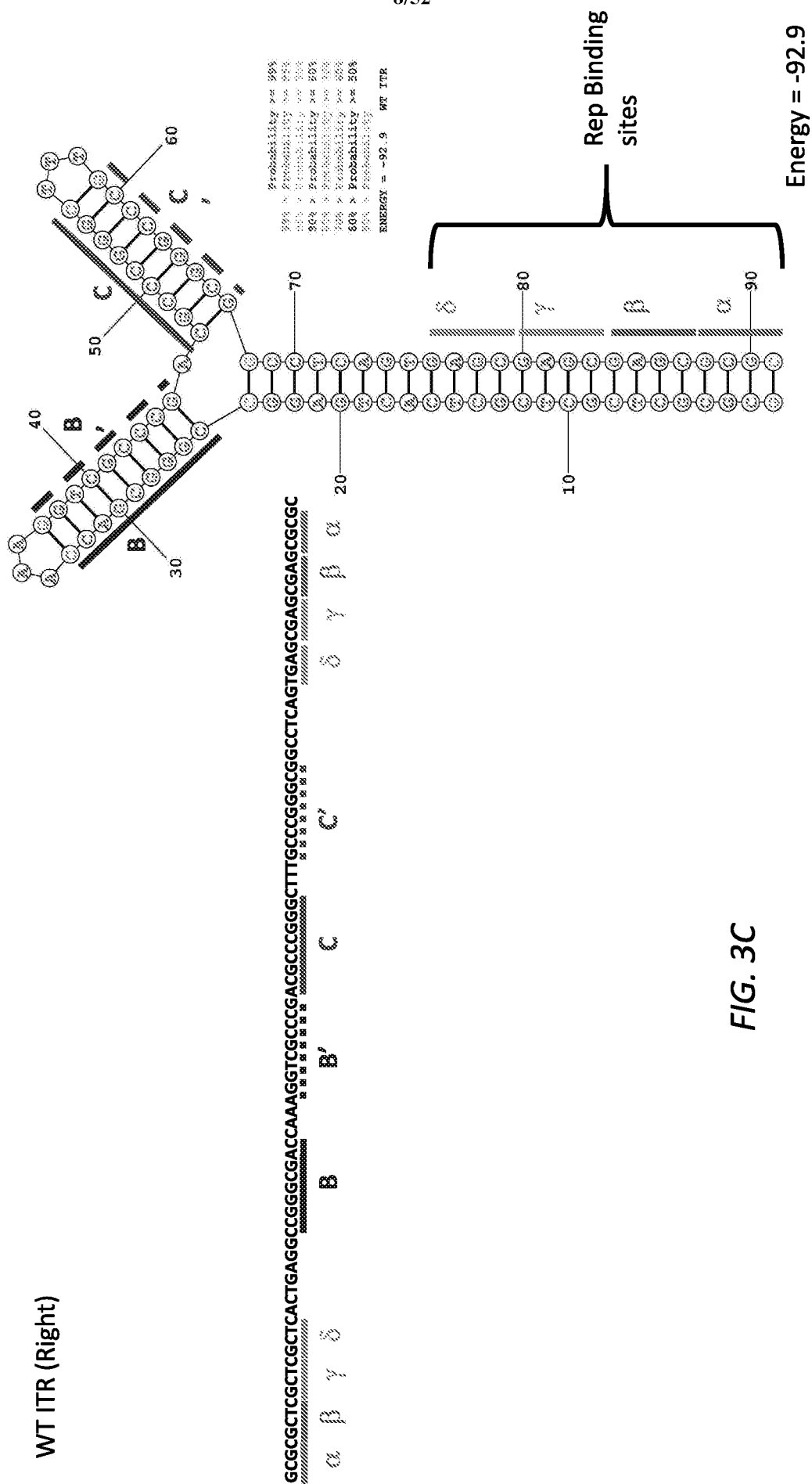


FIG. 3C

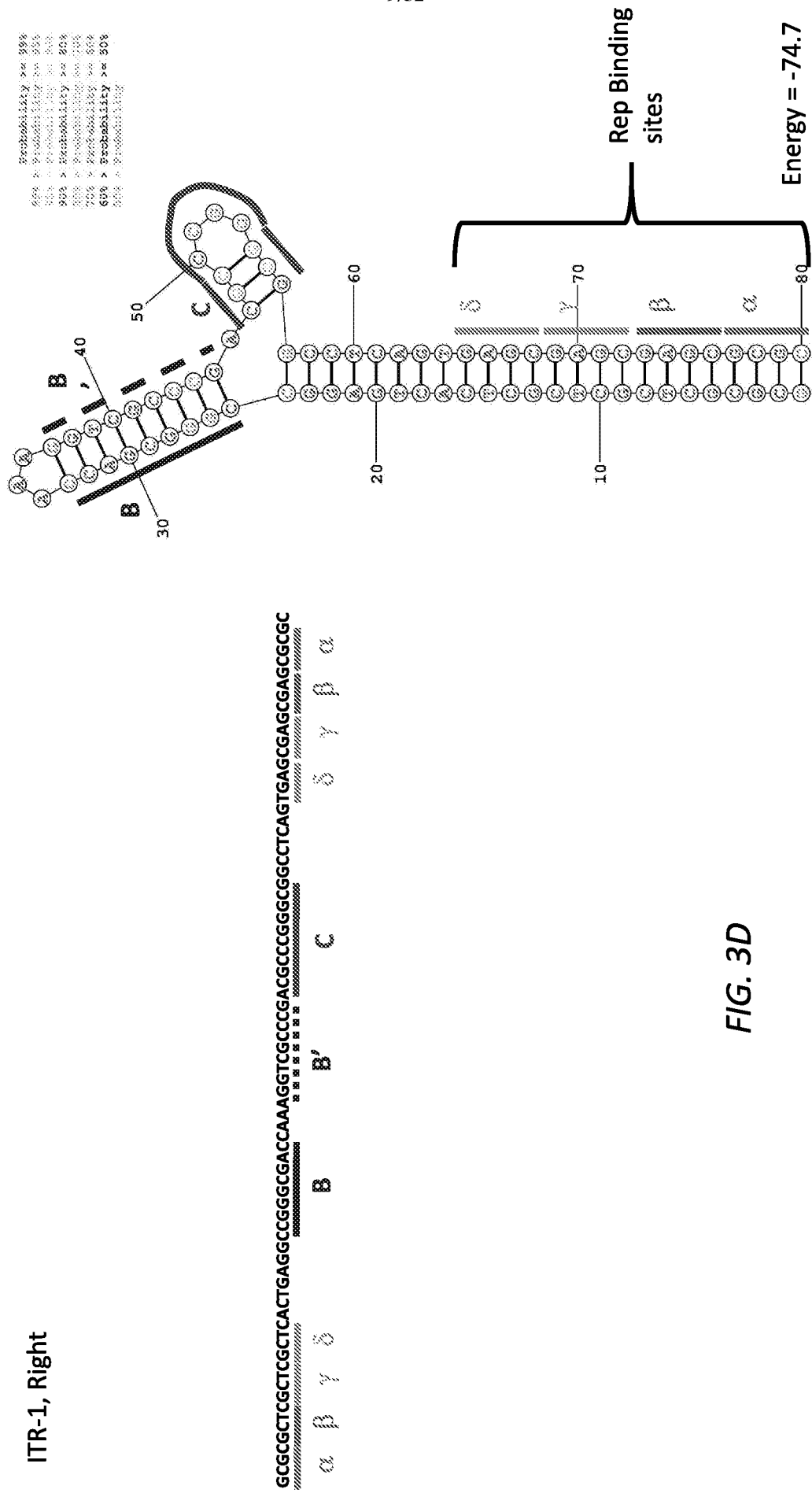


FIG. 3D

ceDNA Production

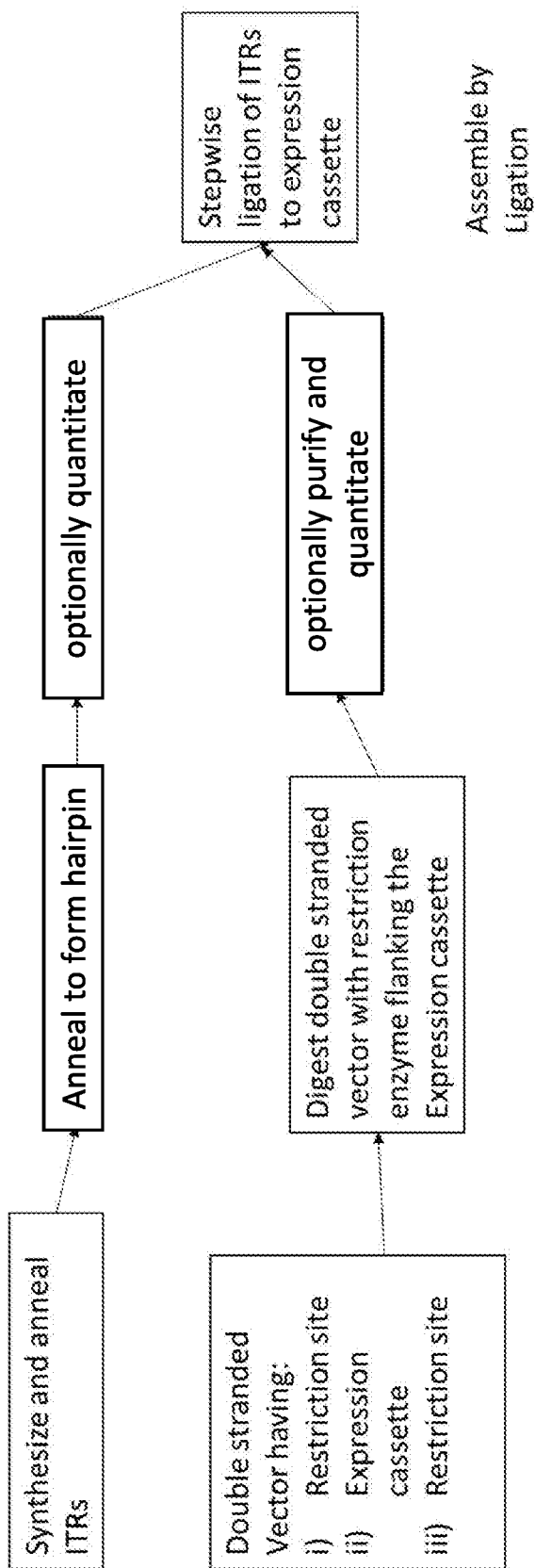


FIG. 4A

ceDNA Production

Downstream Process

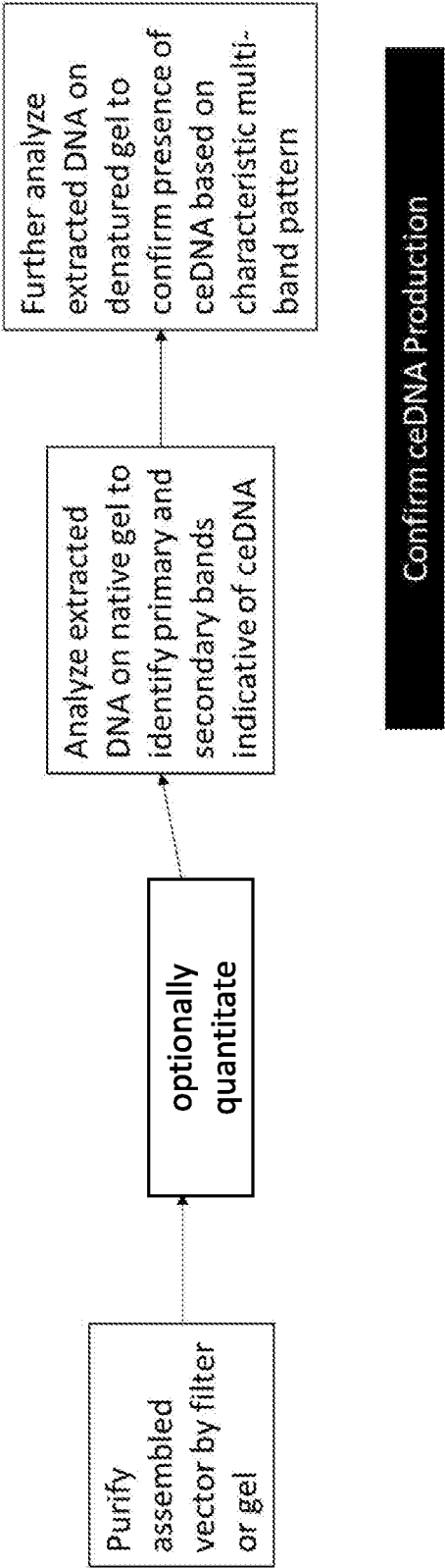


FIG. 4B

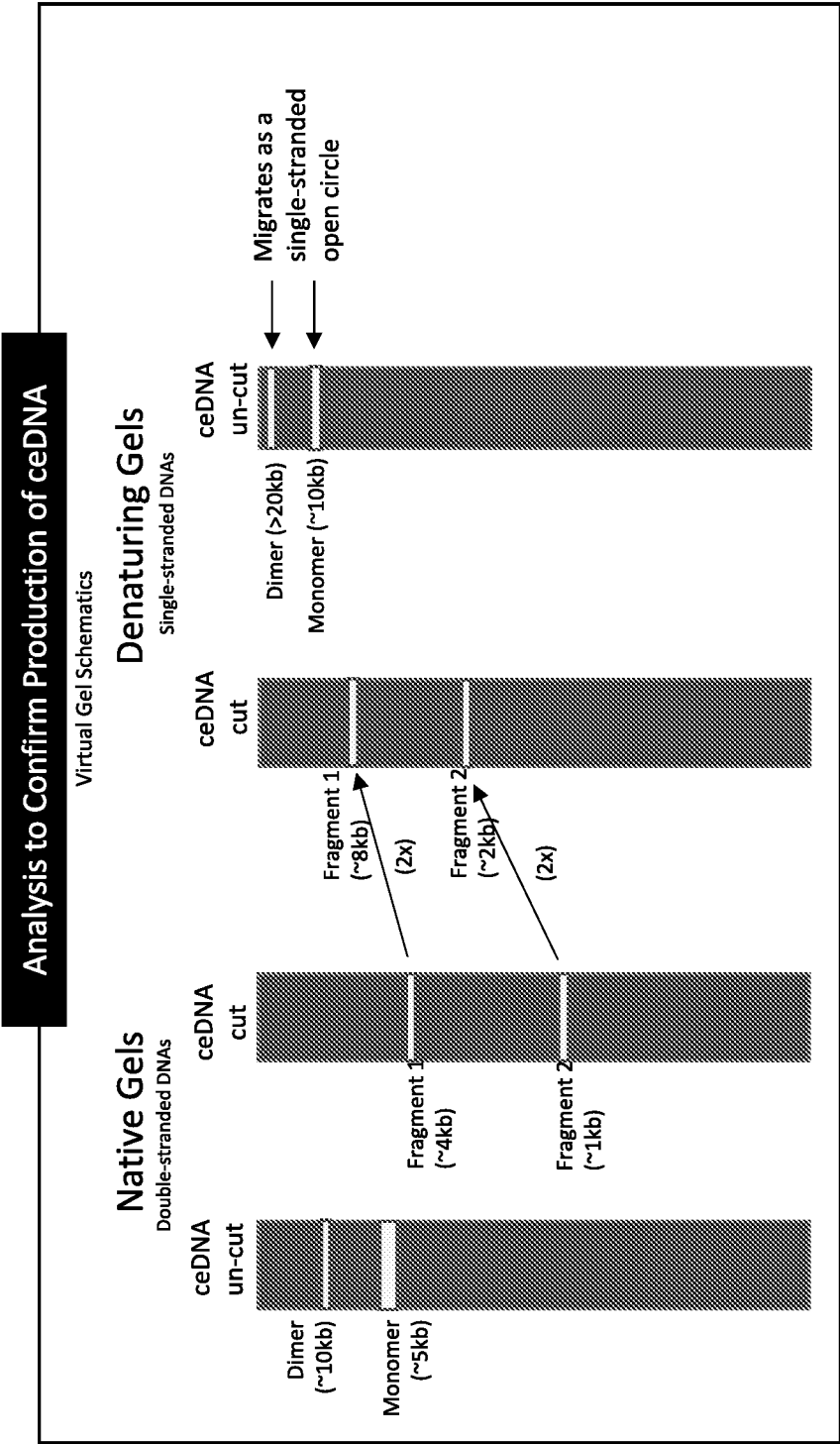


FIG. 4C

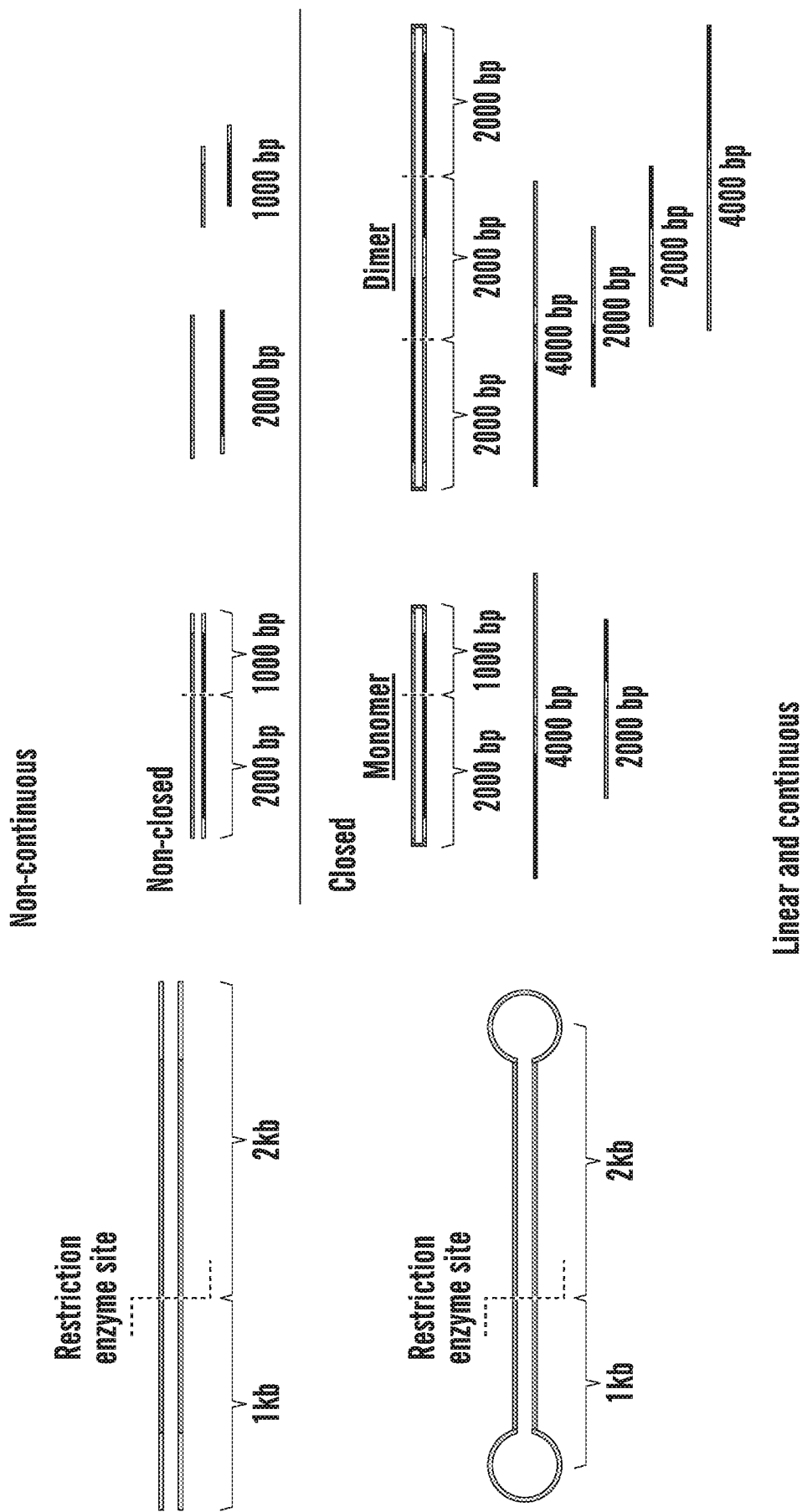
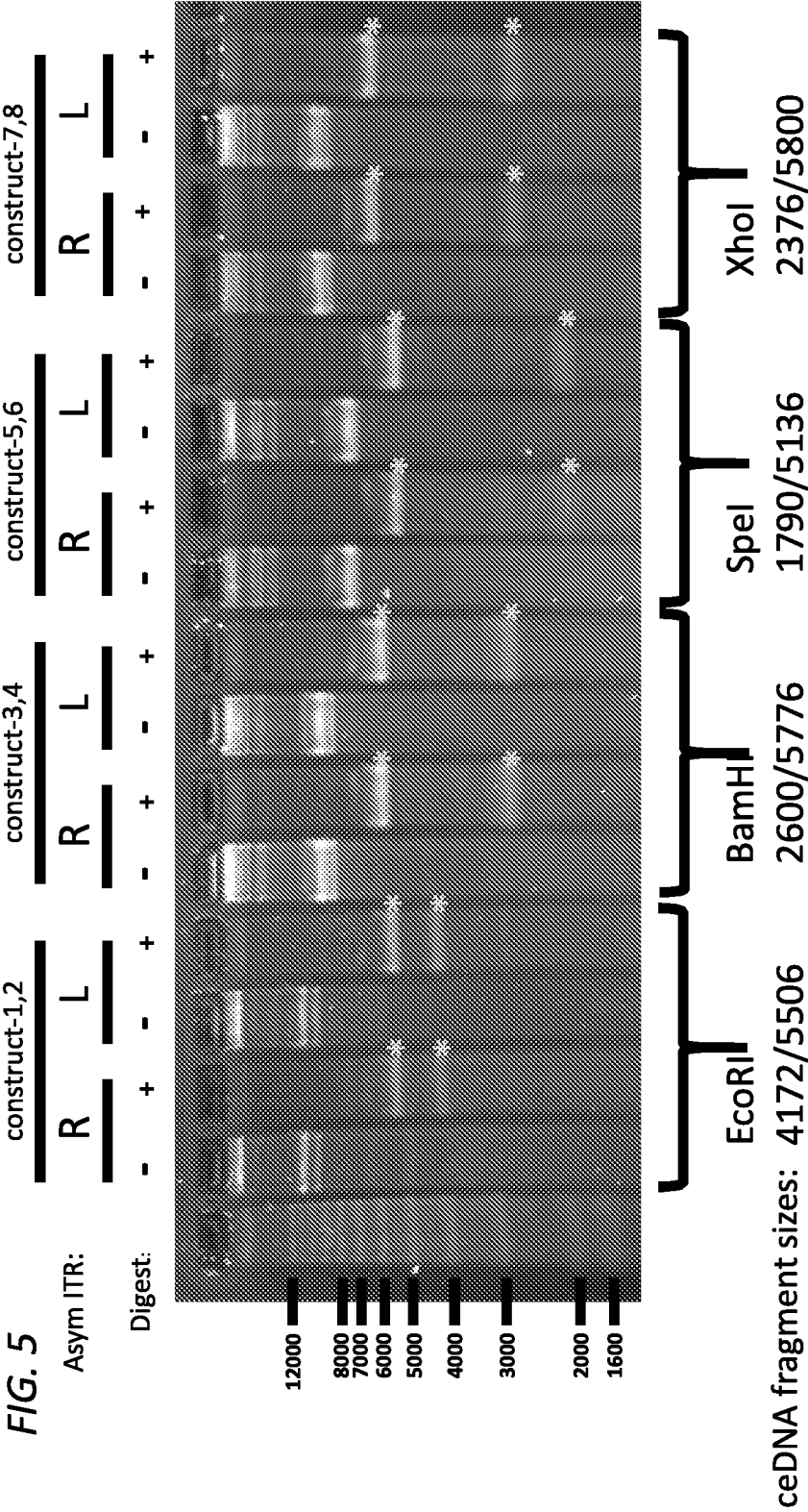
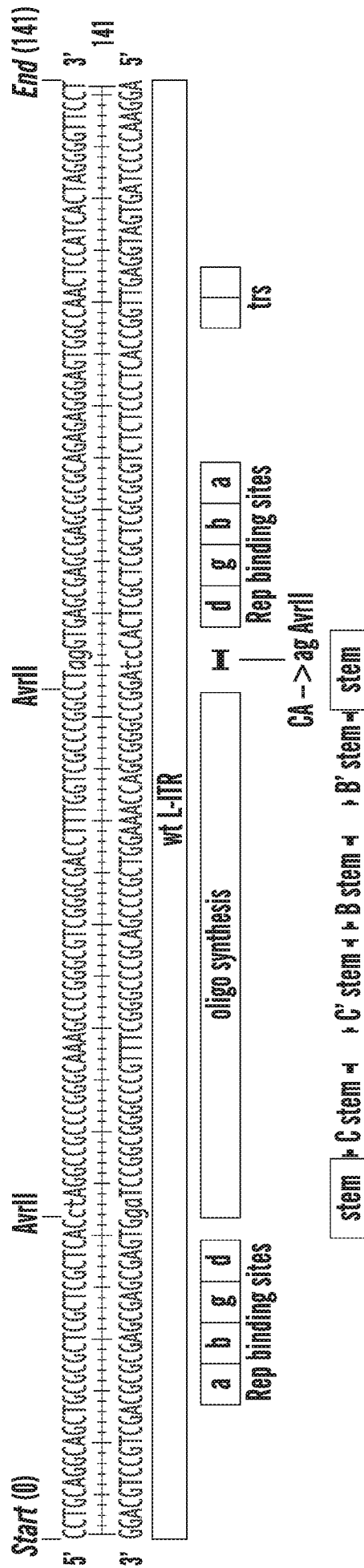


FIG. 4D





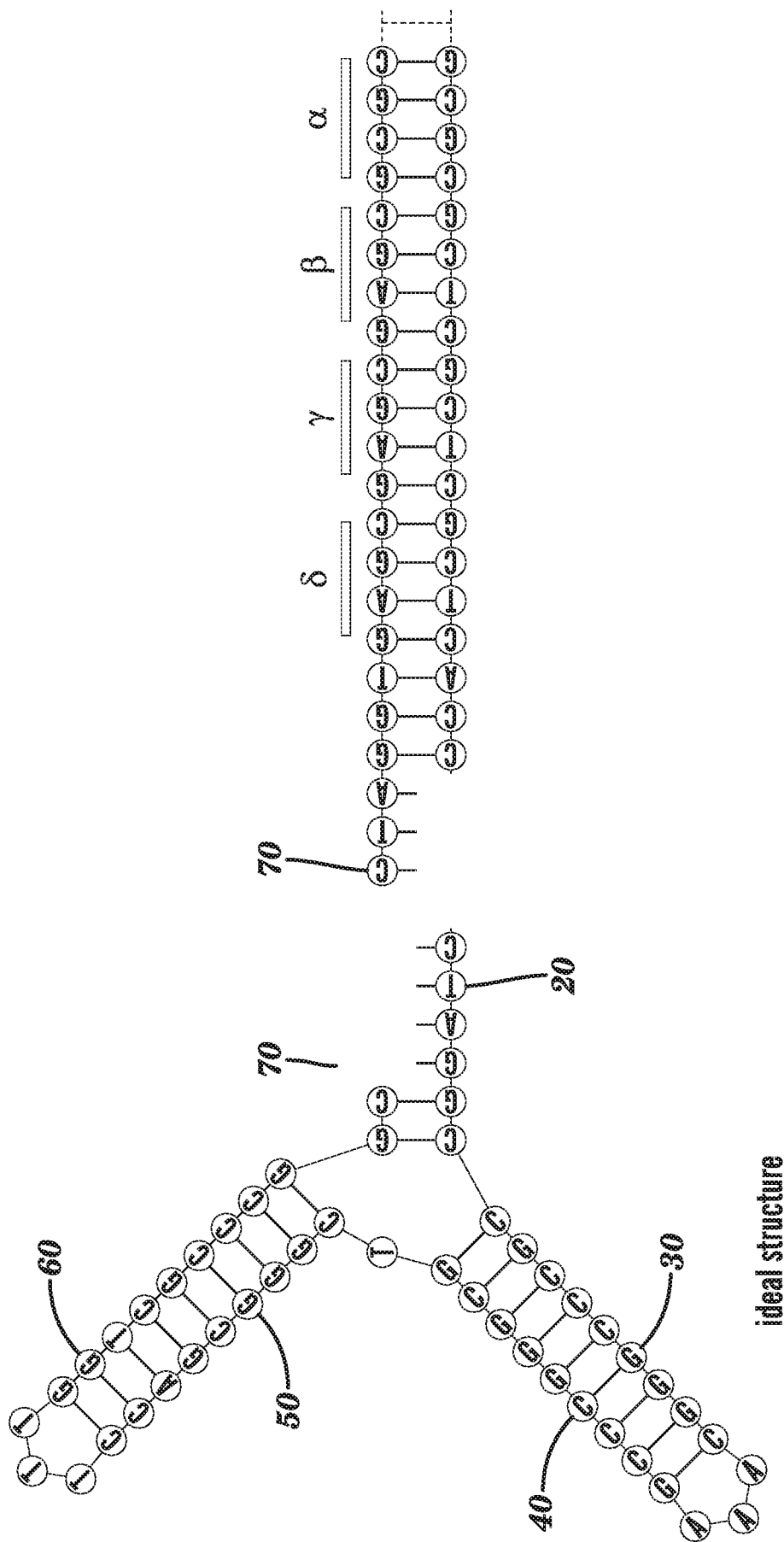
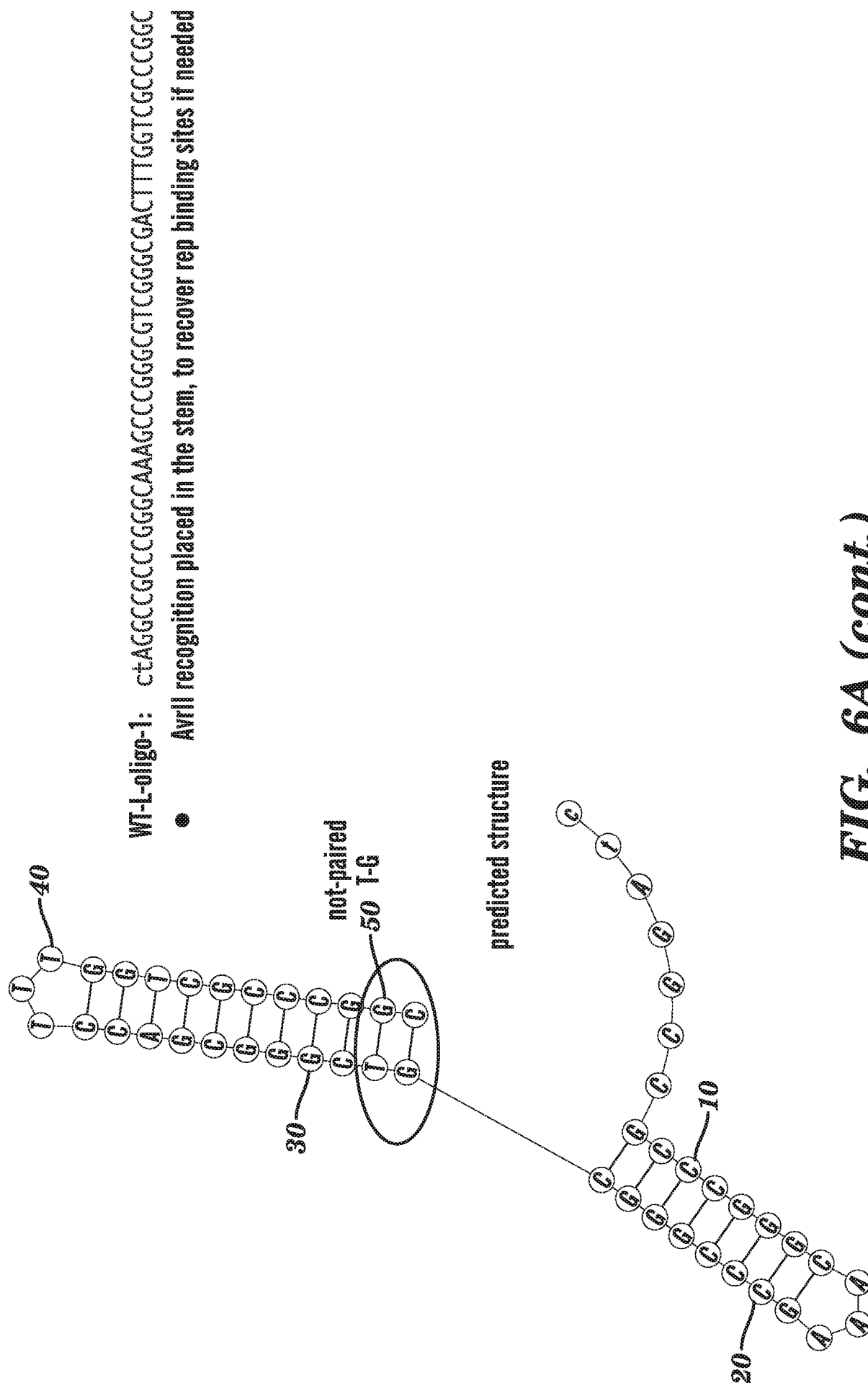


FIG. 6A (cont.)



WT-L-oligo-2

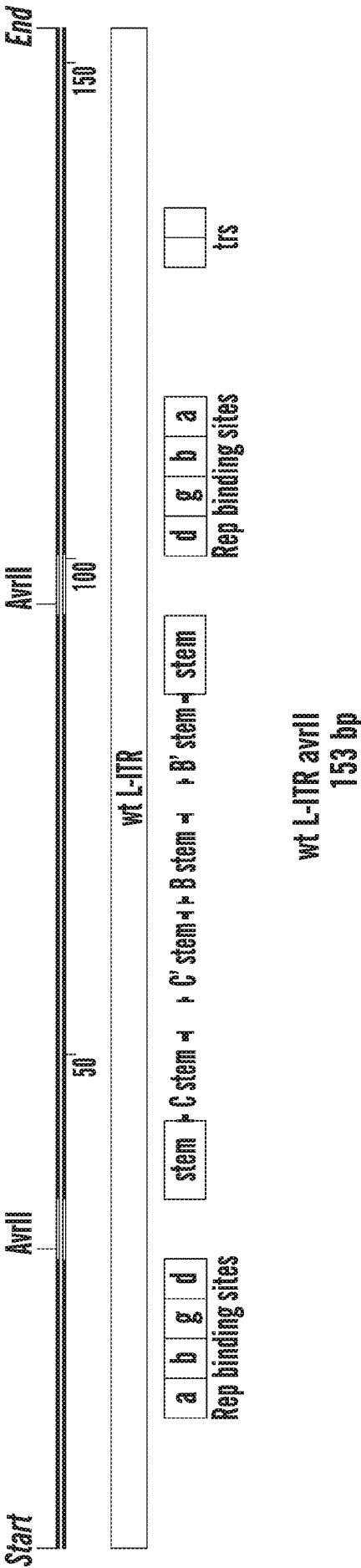


FIG. 6B

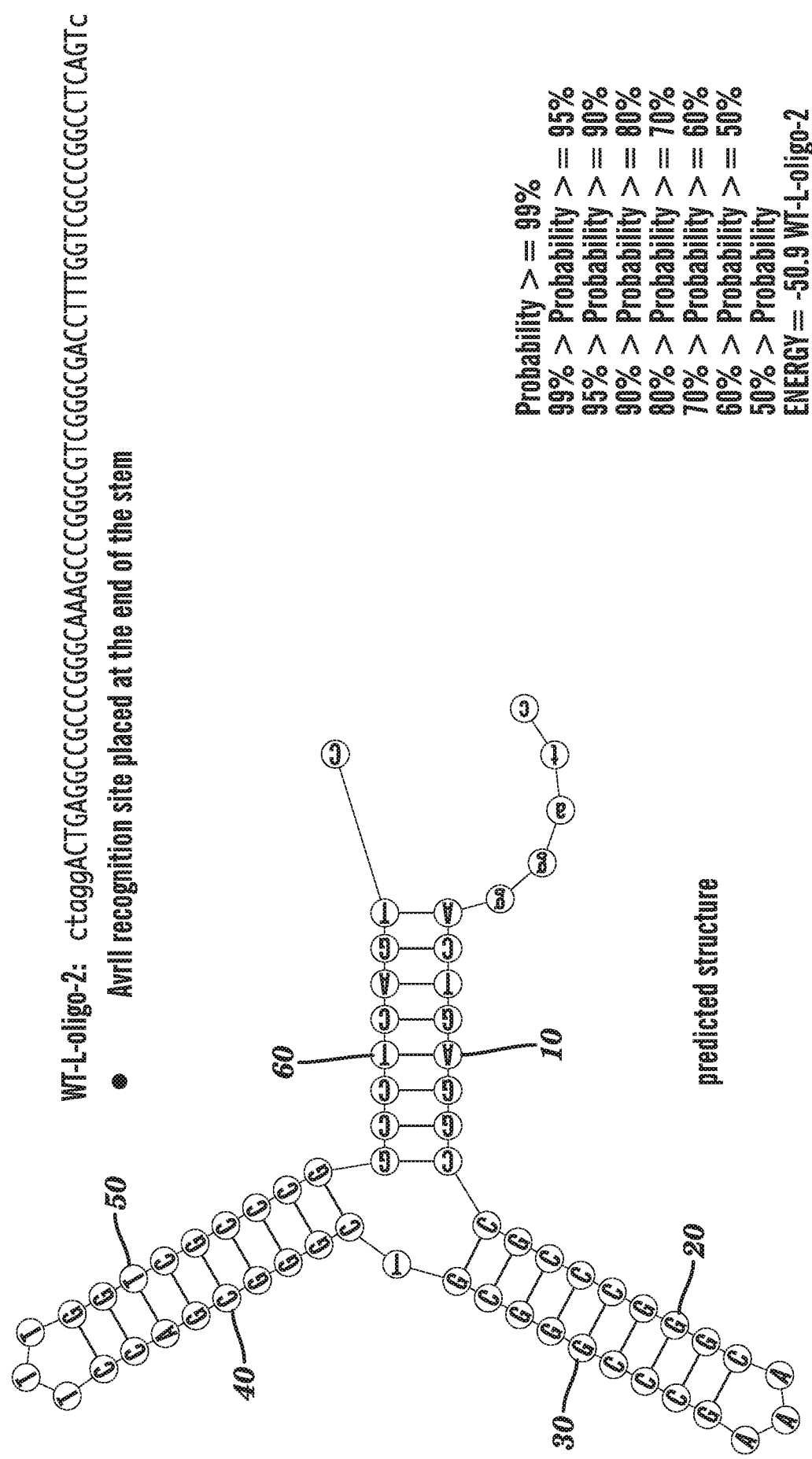


FIG. 6B (cont.)

WT-R-oligo-3

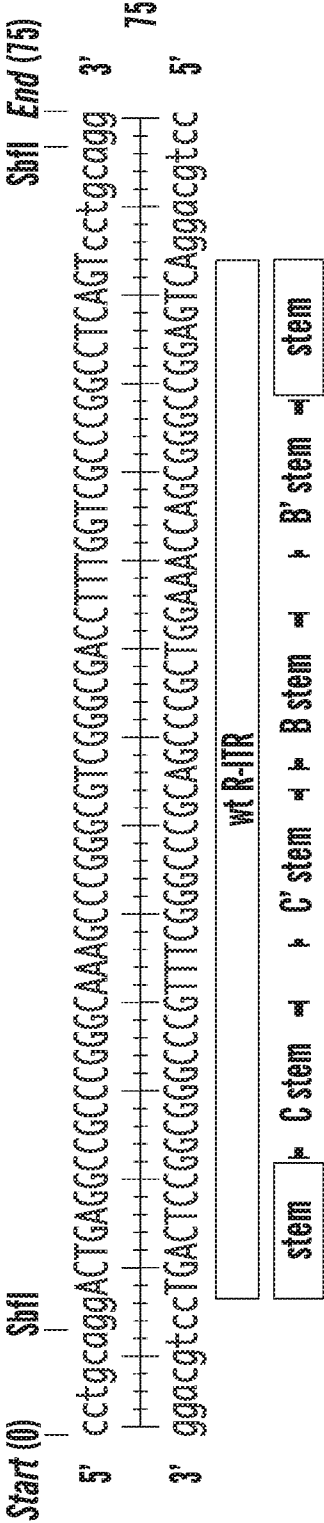


FIG. 6C

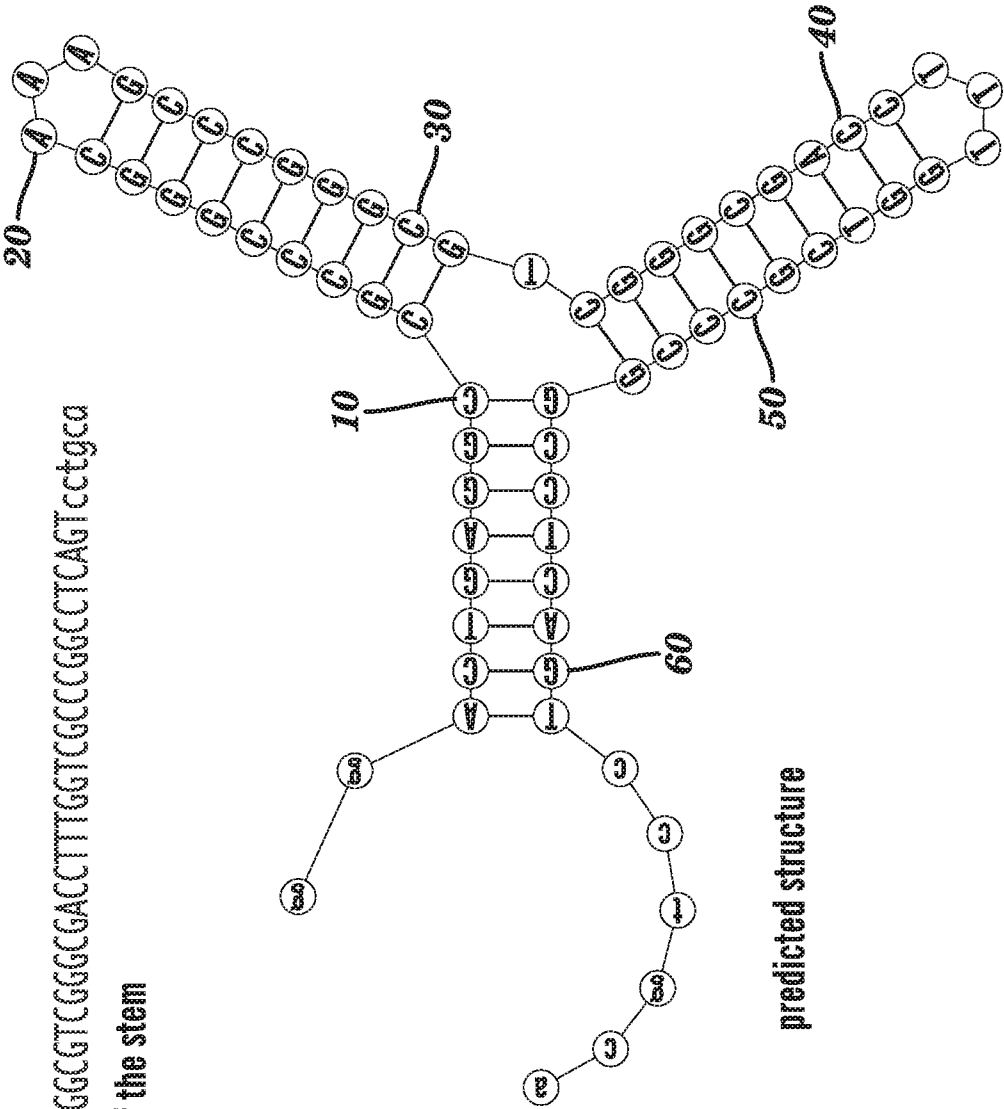


FIG. 6C (cont.)

Probability > = 99%
99% > Probability > = 95%
95% > Probability > = 90%
90% > Probability > = 80%
80% > Probability > = 70%
70% > Probability > = 60%
60% > Probability > = 50%
50% > Probability
ENERGY = -50.9 WT-R-oligo-3

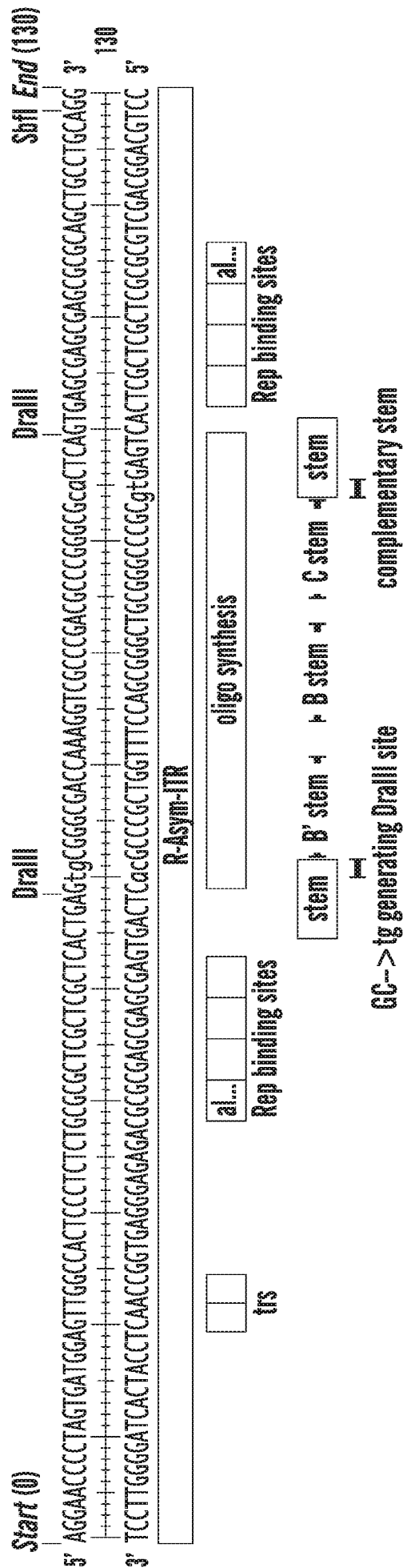
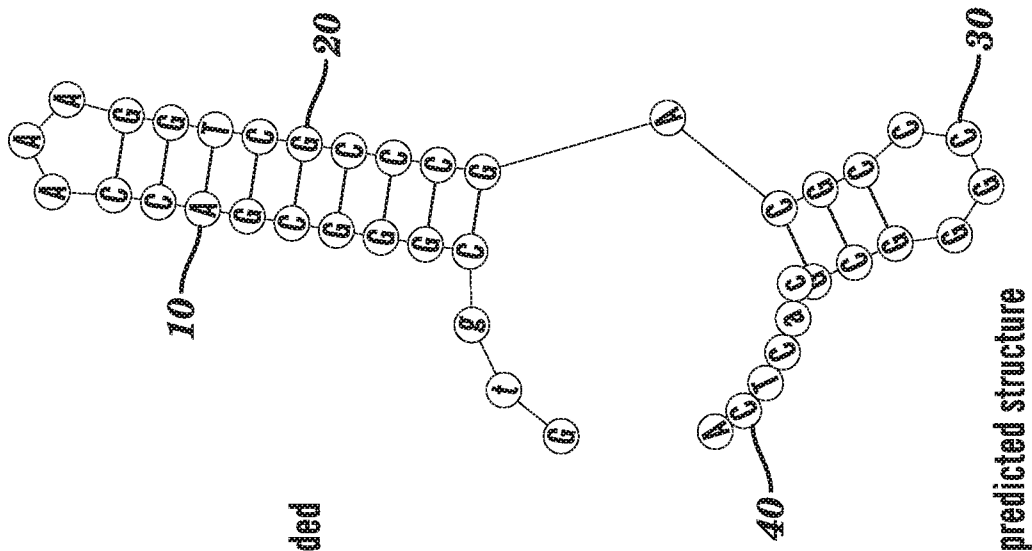
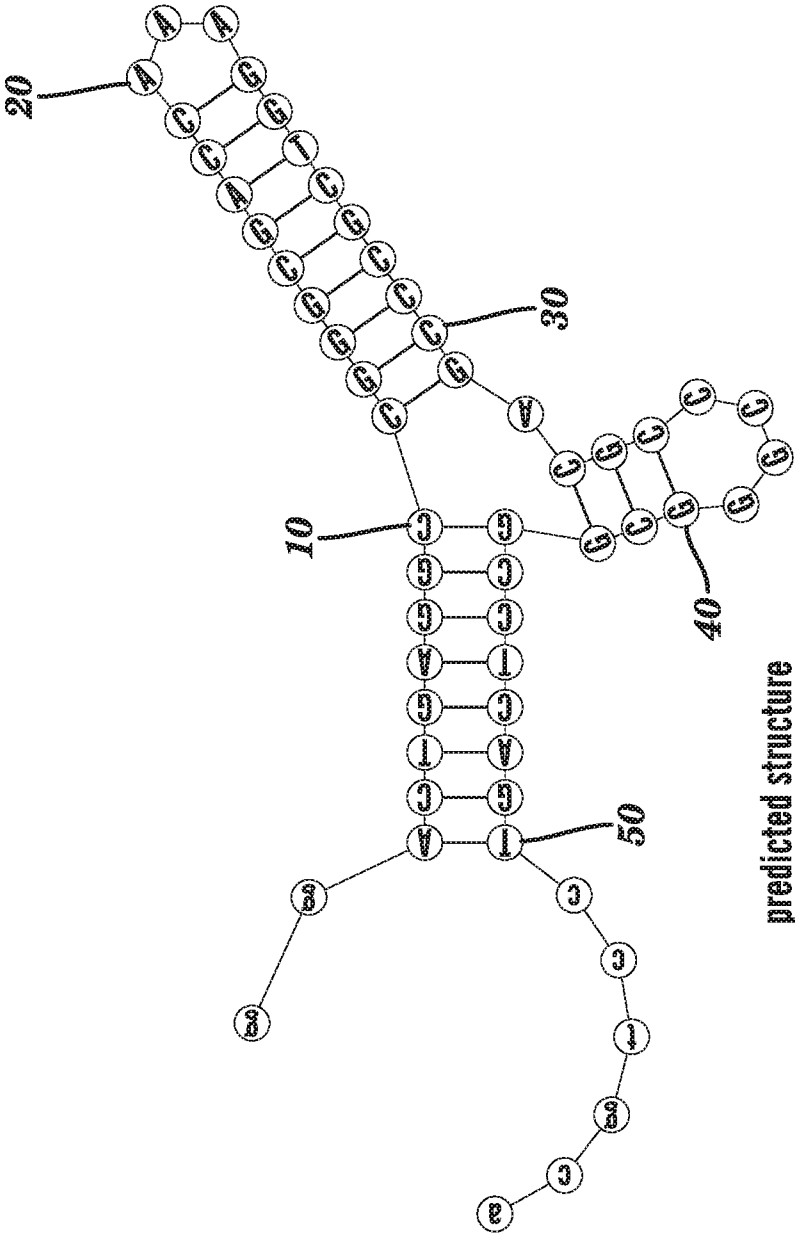


FIG. 6D



MU-R-oligo-2: ggaCTGAGCGCGGGGACCAAGGTGCGCCGACGCCCGGGGGCCTCAGTcctgca

- Shf1 recognition site placed at end of the stem



Probability > = 99%
99% > Probability > = 95%
95% > Probability > = 90%
90% > Probability > = 80%
80% > Probability > = 70%
70% > Probability > = 60%
60% > Probability > = 50%
50% > Probability
ENERGY = -33.2 MU-R-oligo-2

FIG. 7A (cont.)

MU-L-oligo-3

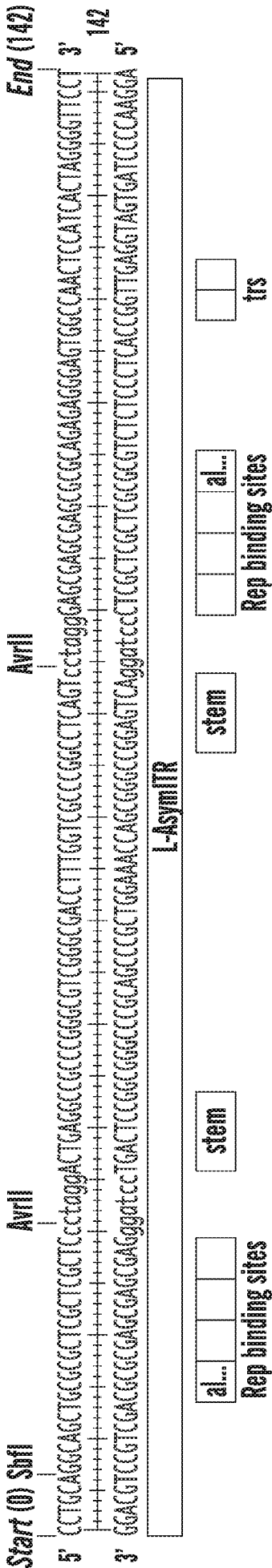
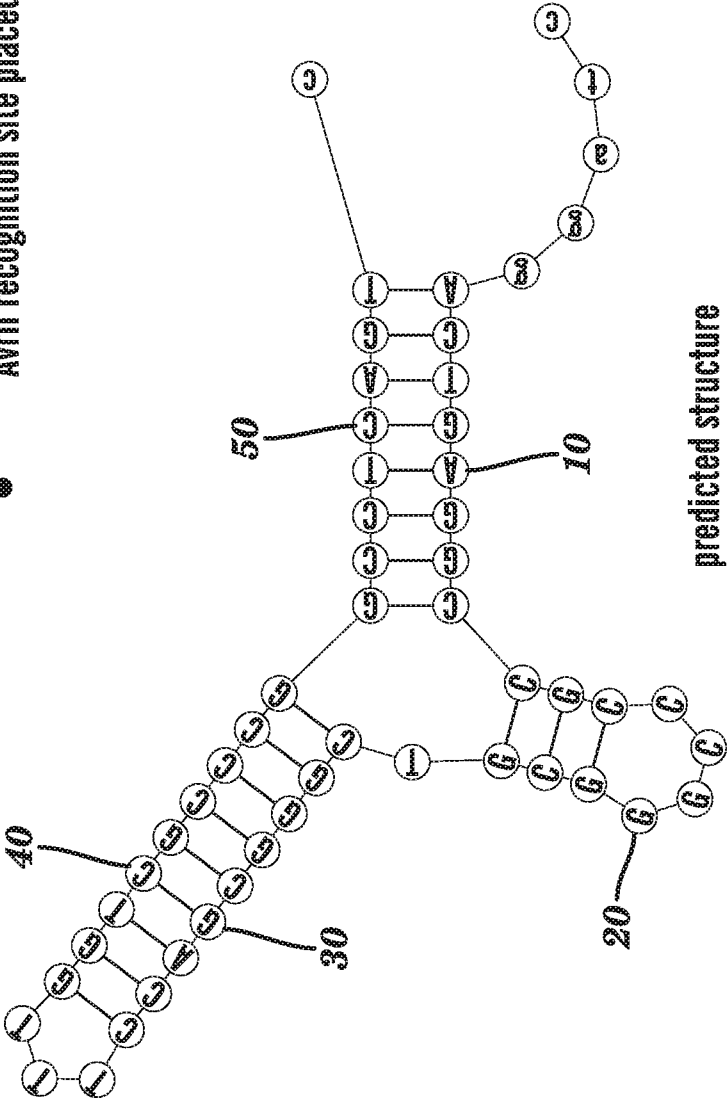


FIG. 7B

MU-L-oligo-3: ctaggACTGAGGCGCGCGGGGTGCGGGGACCTTGGTCGCGCGGCTCAGTC

- AvrII recognition site placed at end of the stem



Probability	> = 99%
99%	> Probability > = 95%
95%	> Probability > = 90%
90%	> Probability > = 80%
80%	> Probability > = 70%
70%	> Probability > = 60%
60%	> Probability > = 50%
50%	> Probability
ENERGY = -32.7 MU-L-oligo-3	

FIG. 7B (cont.)

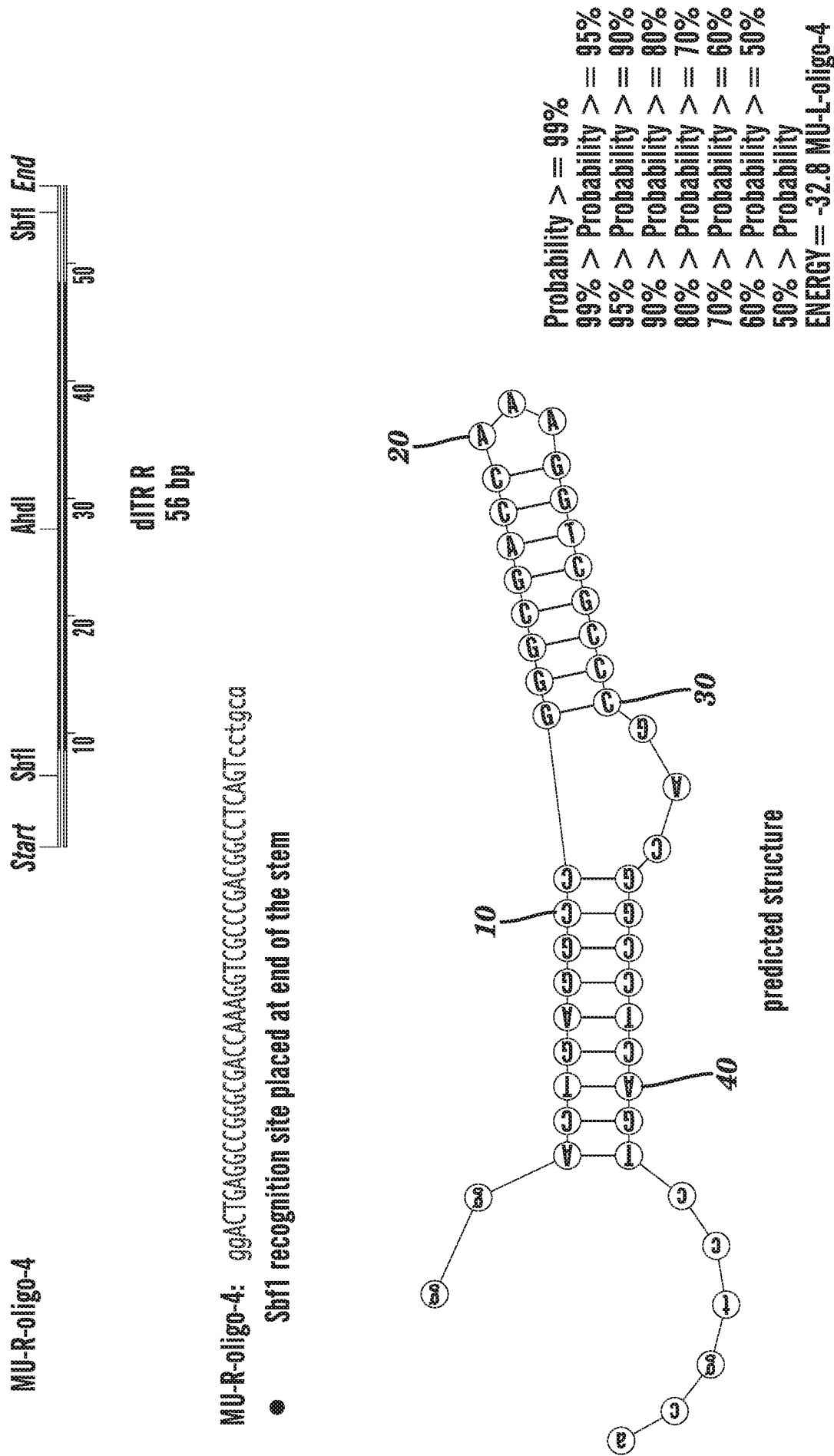


FIG. 7C

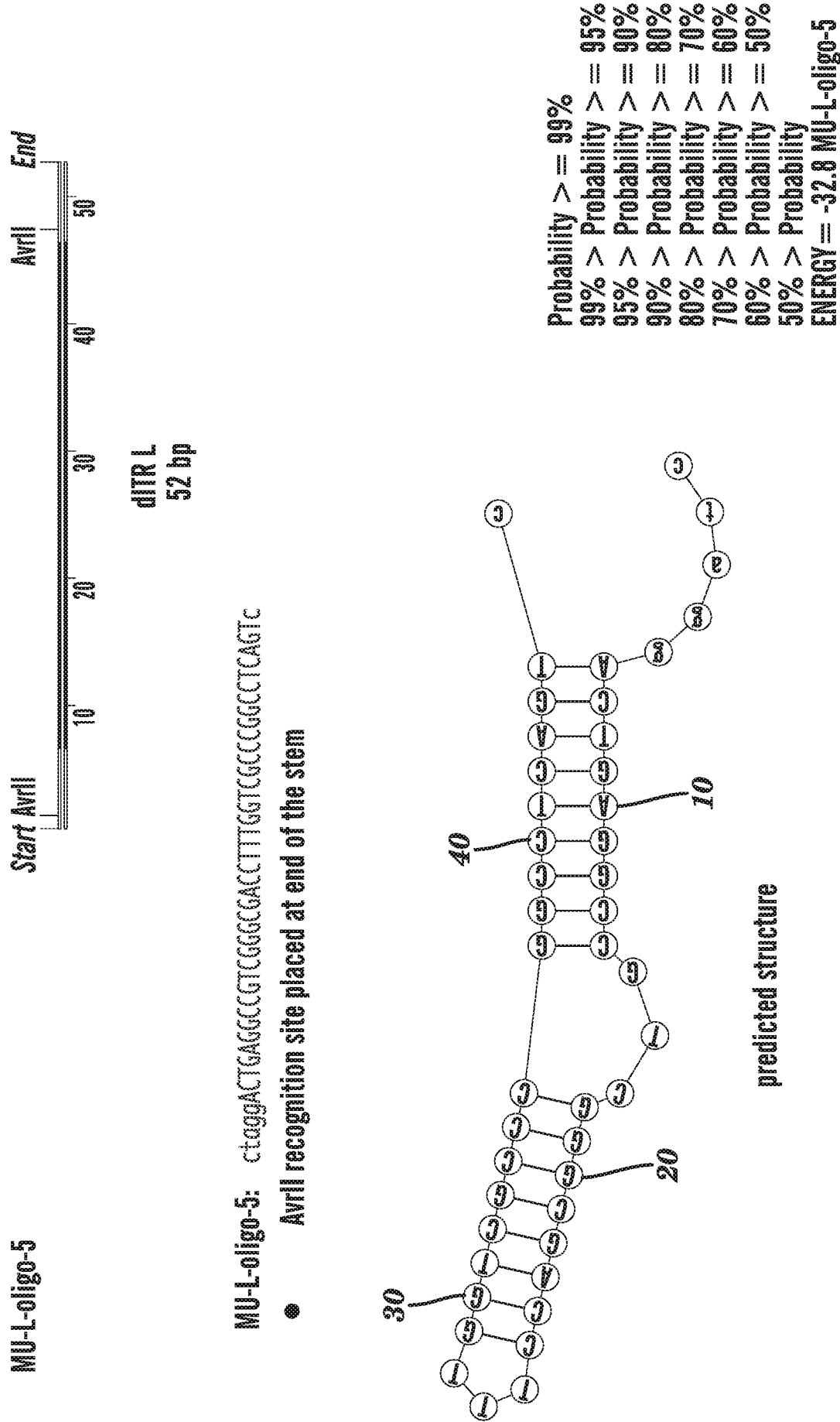


FIG. 7D

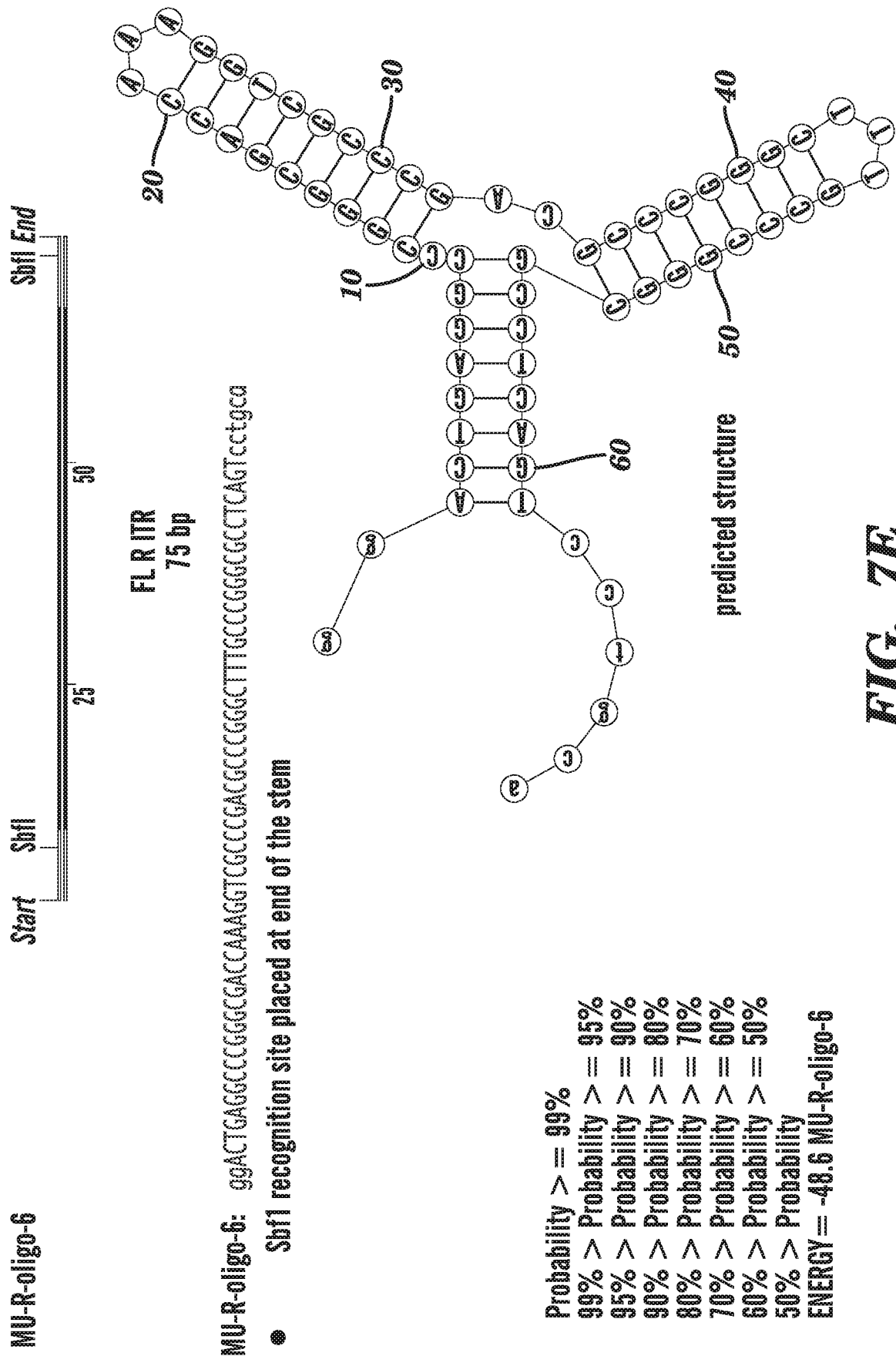


FIG. 7E

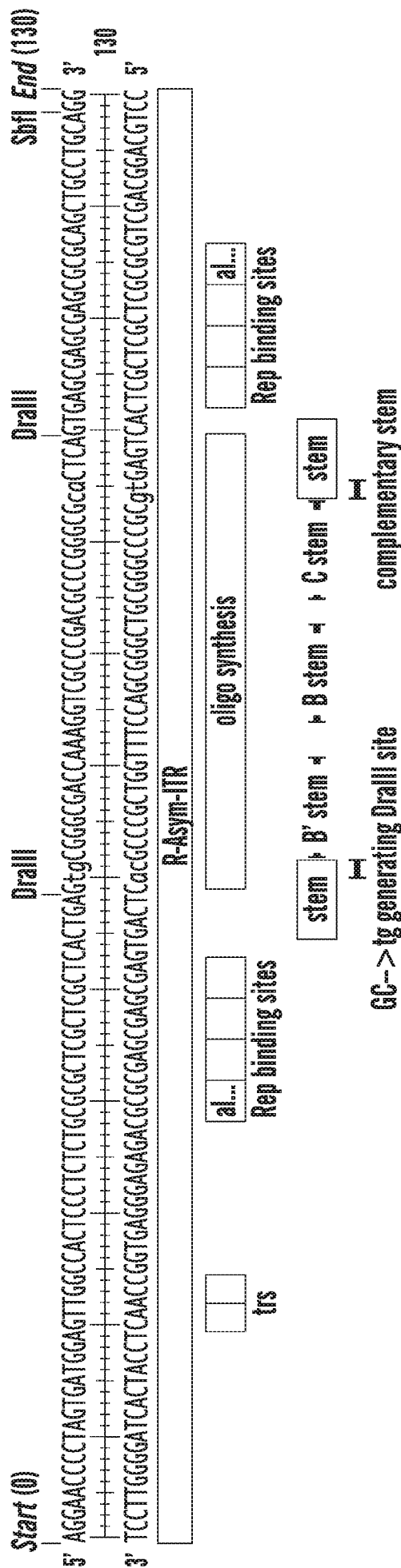


FIG. 8

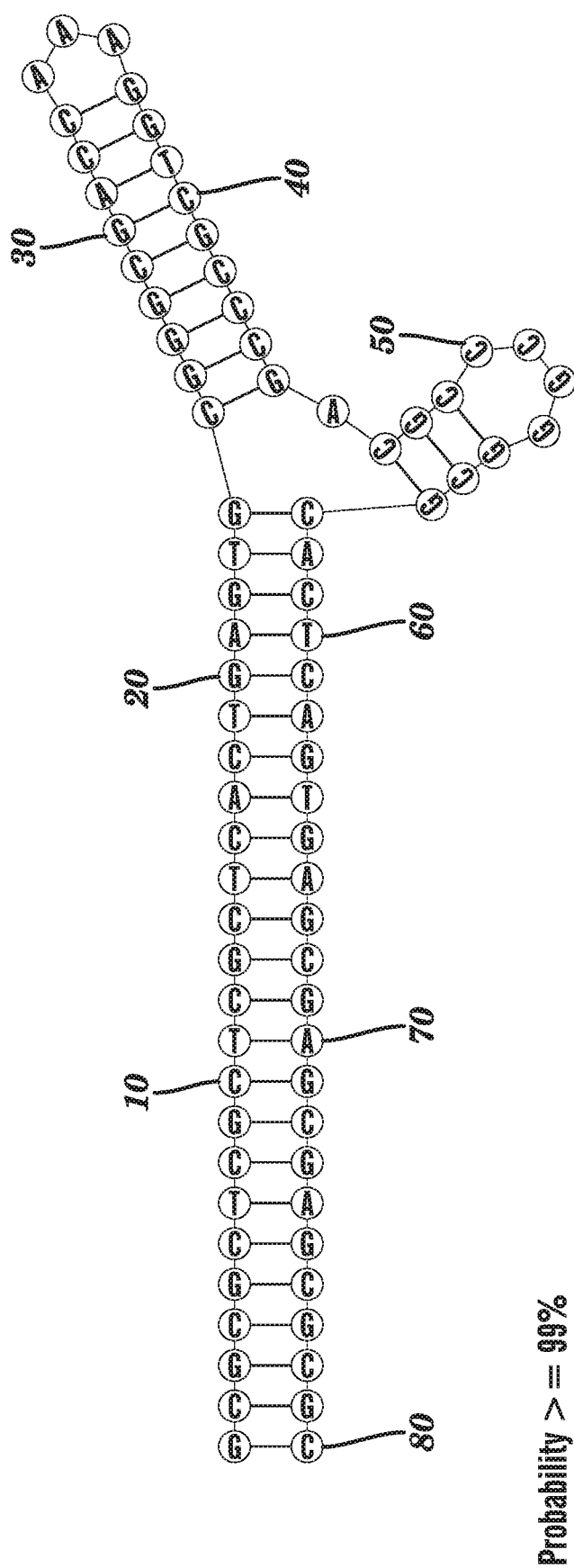


FIG. 8 (cont.)

Probability >= 99%
99% > Probability >= 95%
95% > Probability >= 90%
90% > Probability >= 80%
80% > Probability >= 70%
70% > Probability >= 60%
60% > Probability >= 50%
50% > Probability
ENERGY = -72.9 WT oligo

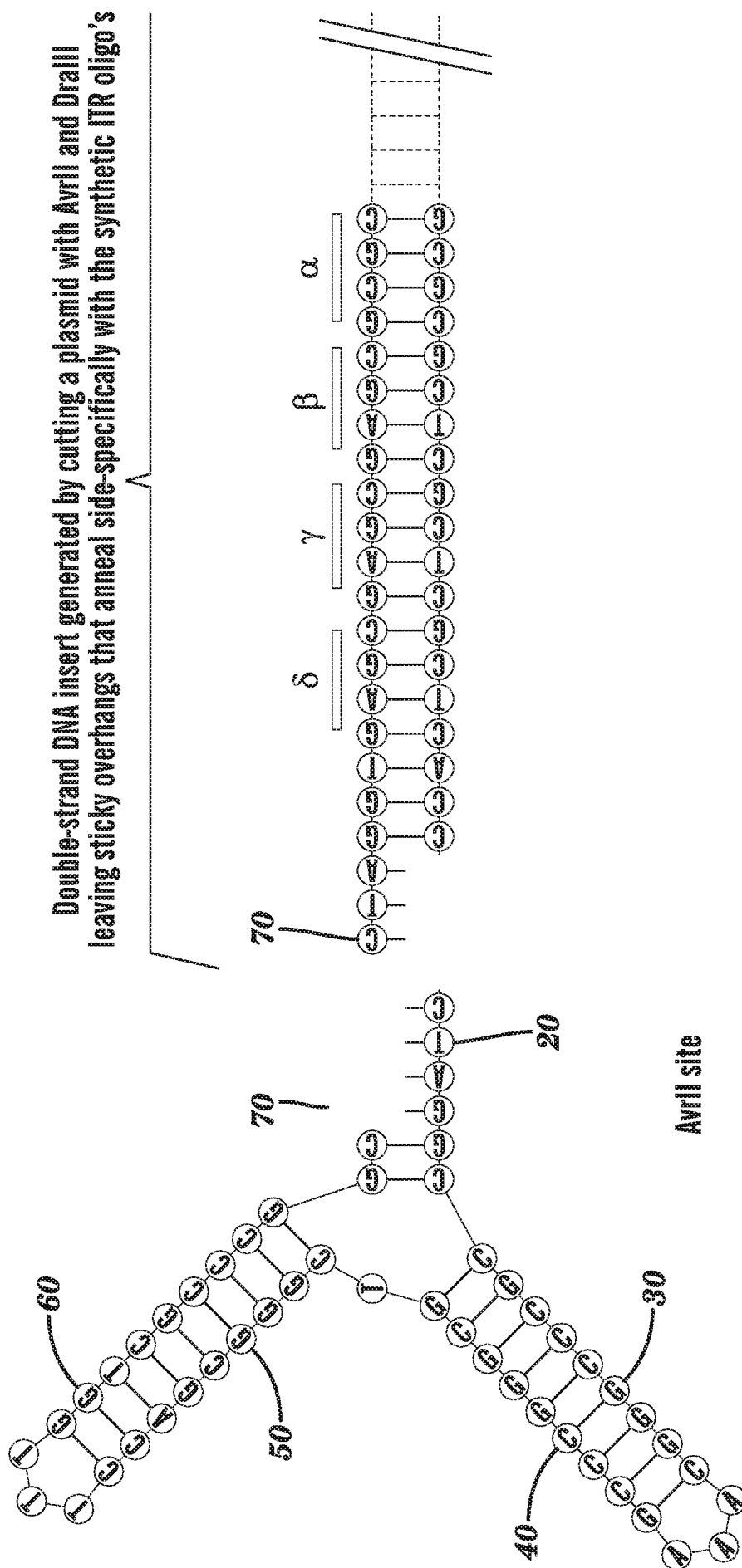


FIG. 9

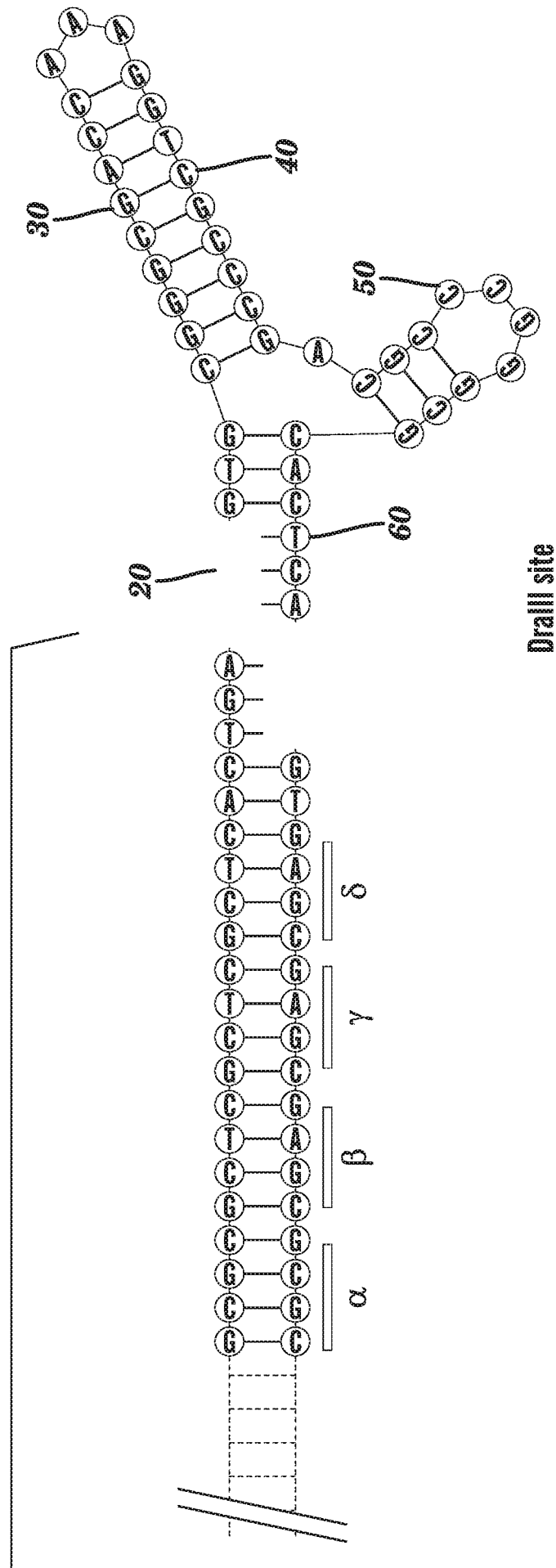


FIG. 9 (cont.)

FIG. 10A

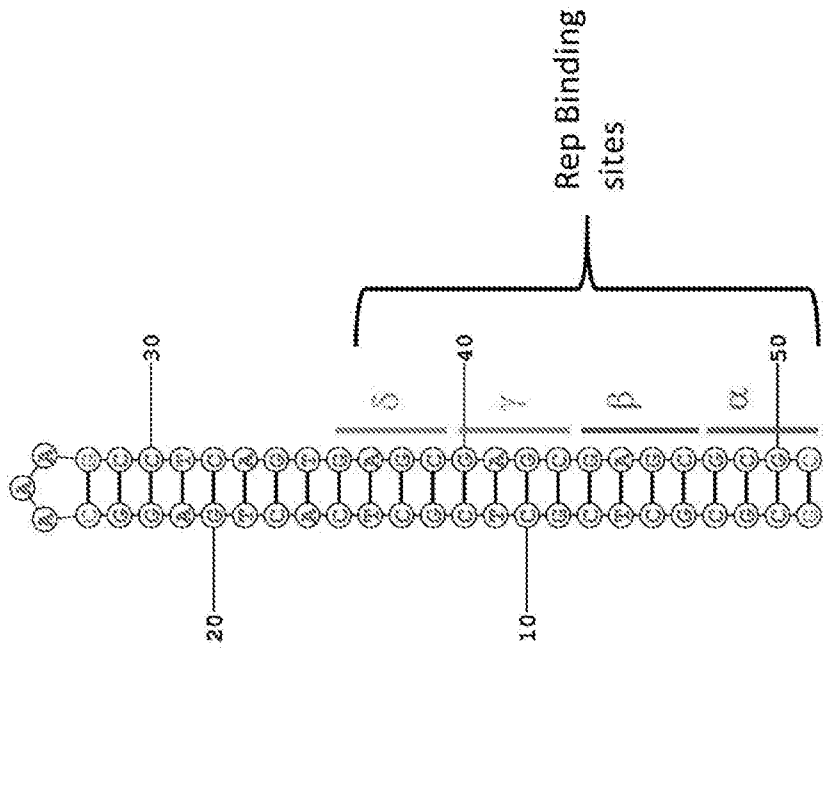


FIG. 10B

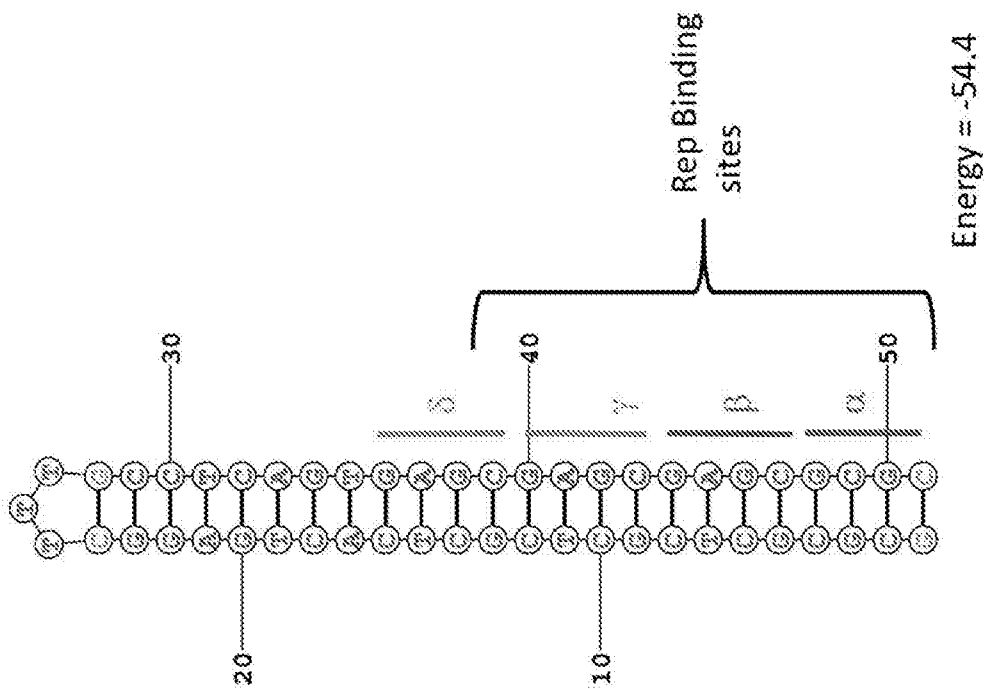


FIG. 11A

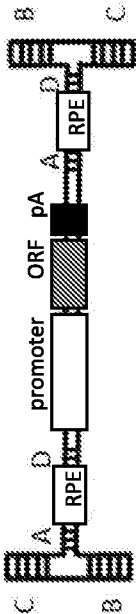


FIG. 11B

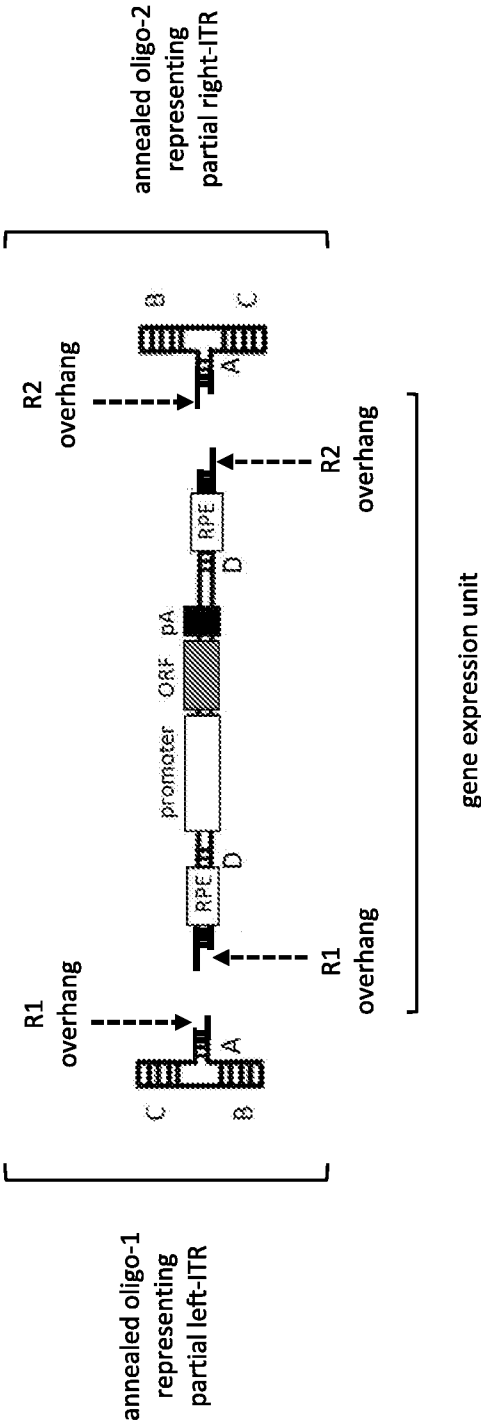
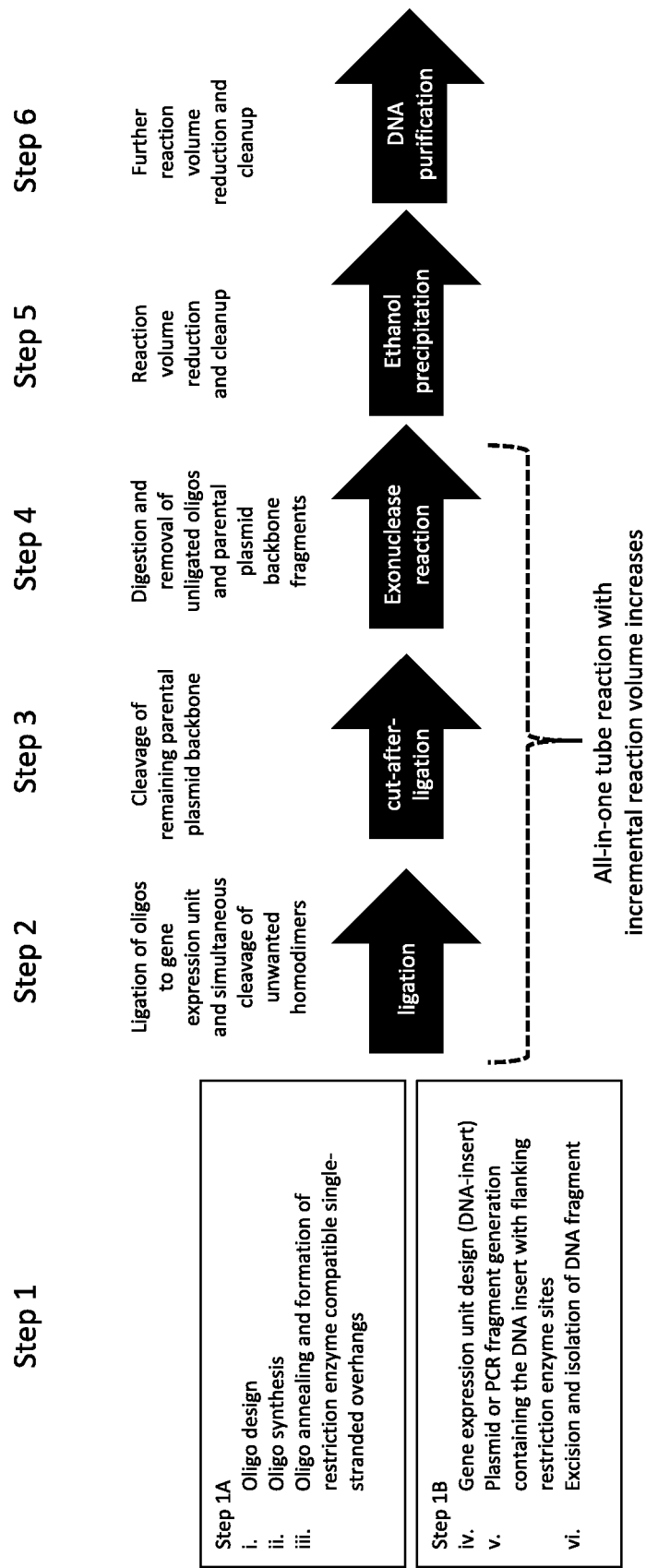


FIG. 12



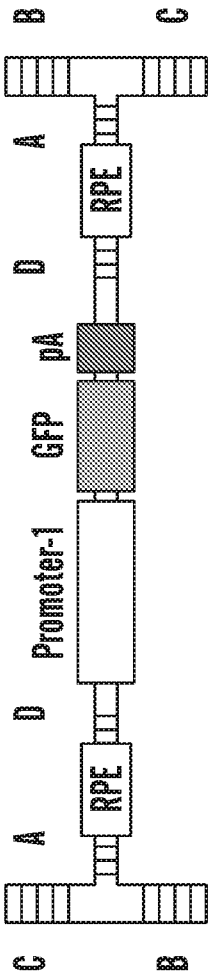


FIG. 13A

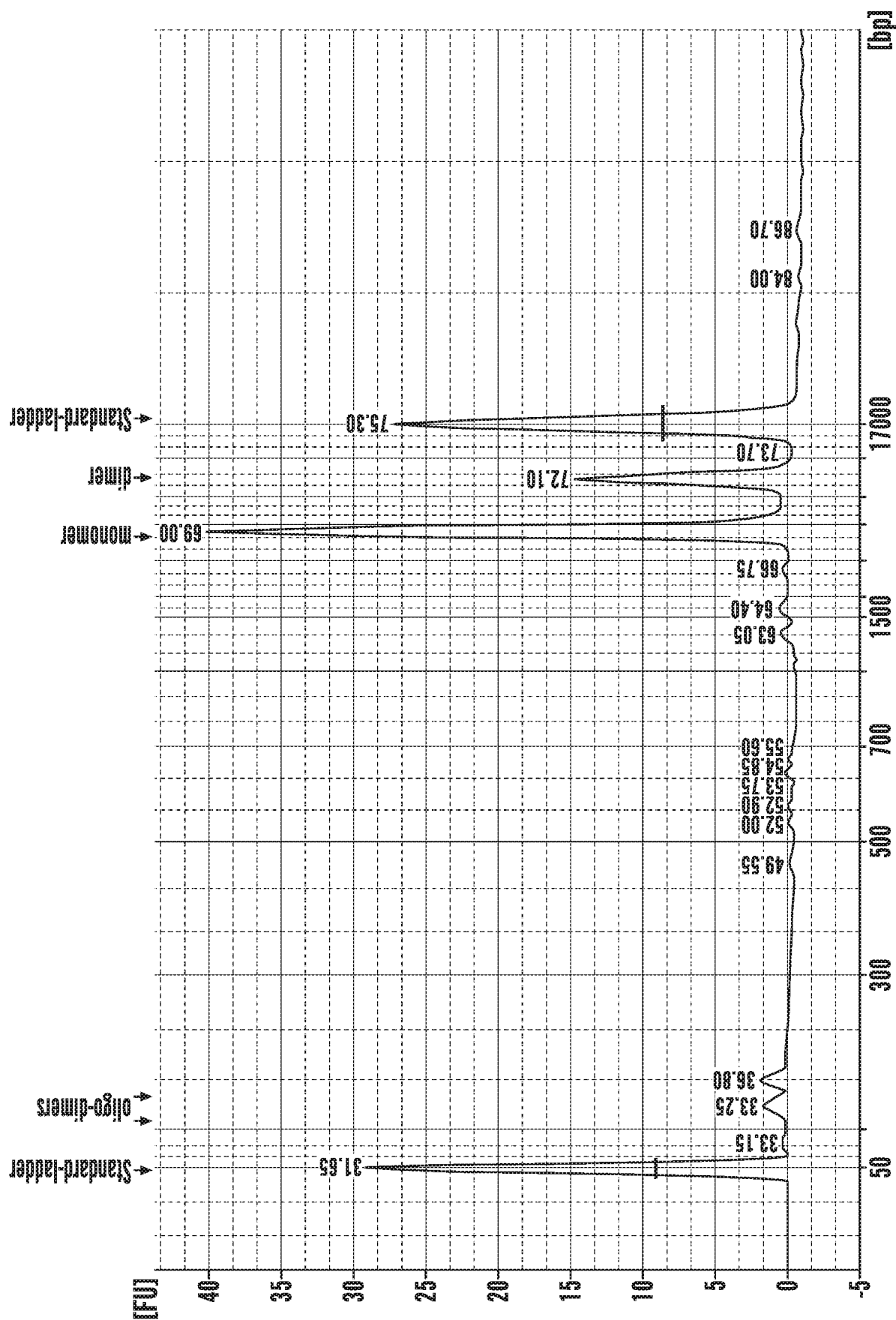


FIG. 13B

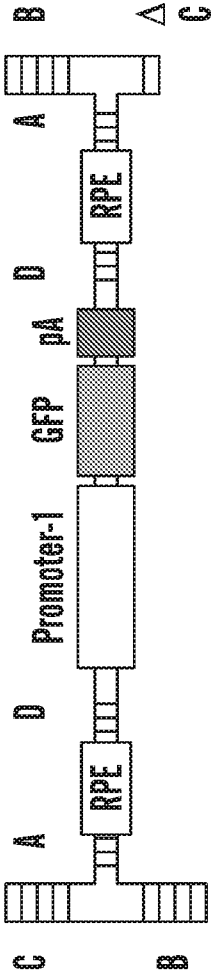


FIG. 14A

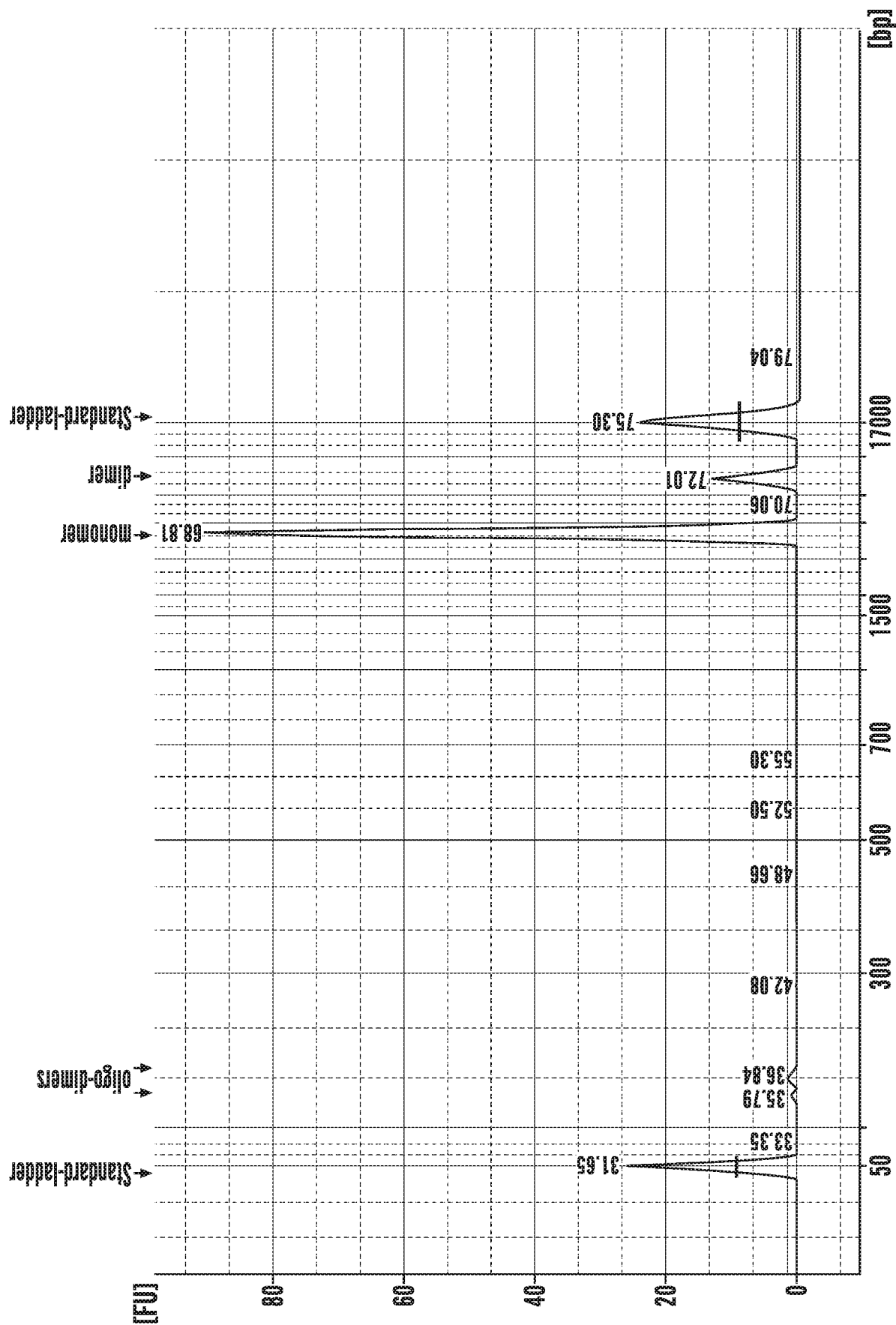


FIG. 14B

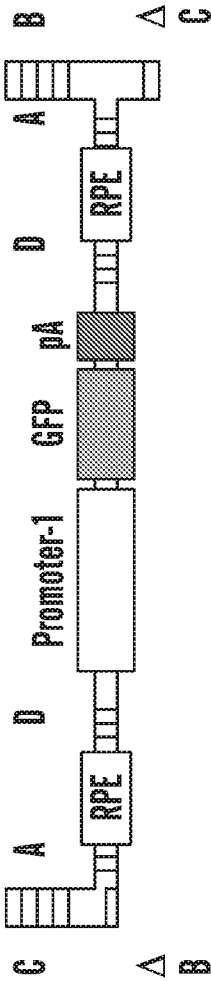


FIG. 15A

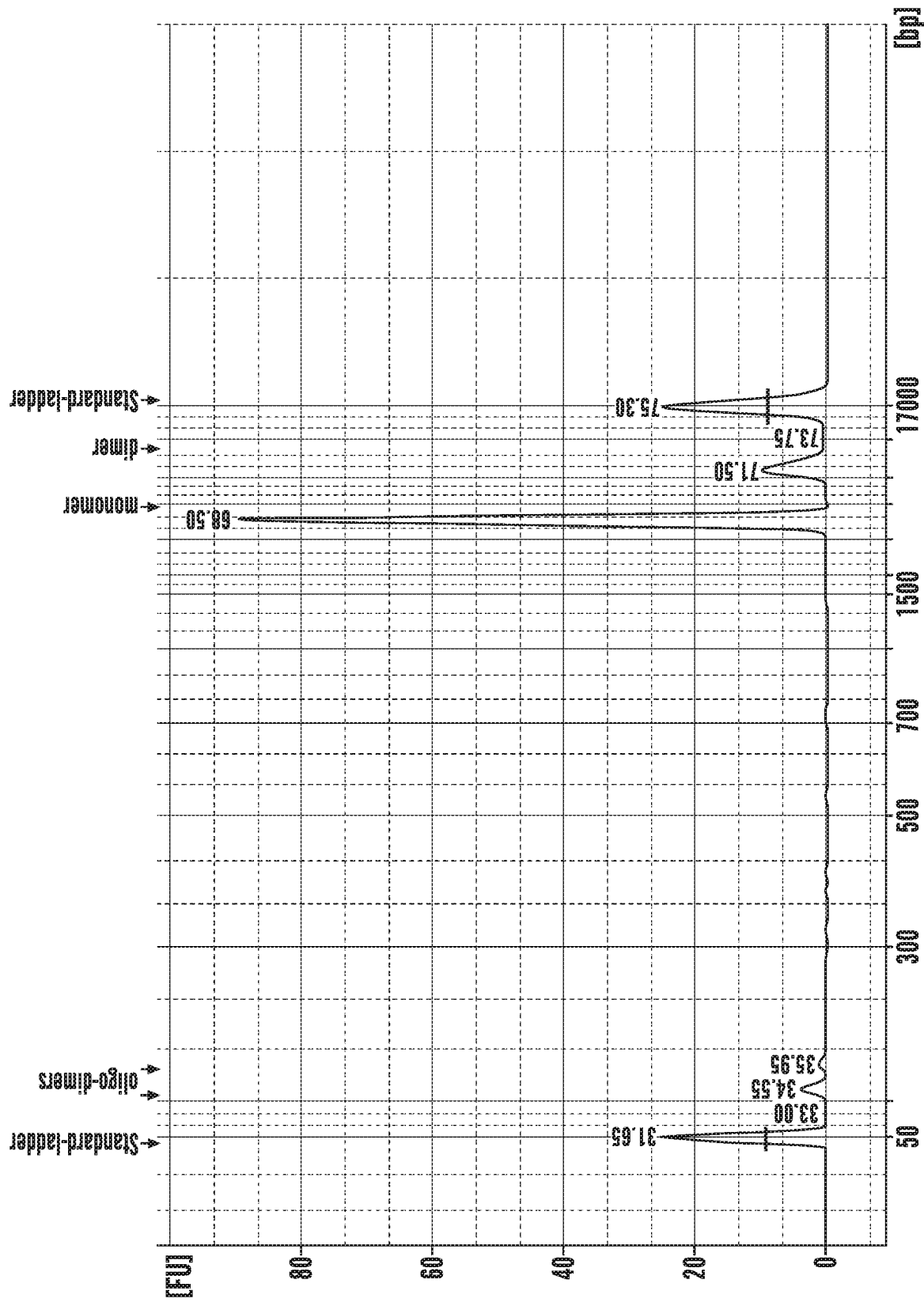


FIG. 15B

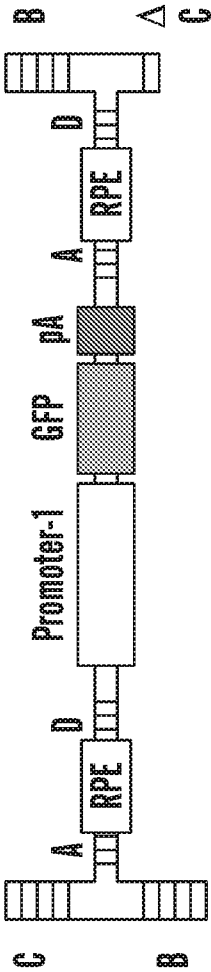


FIG. 16A

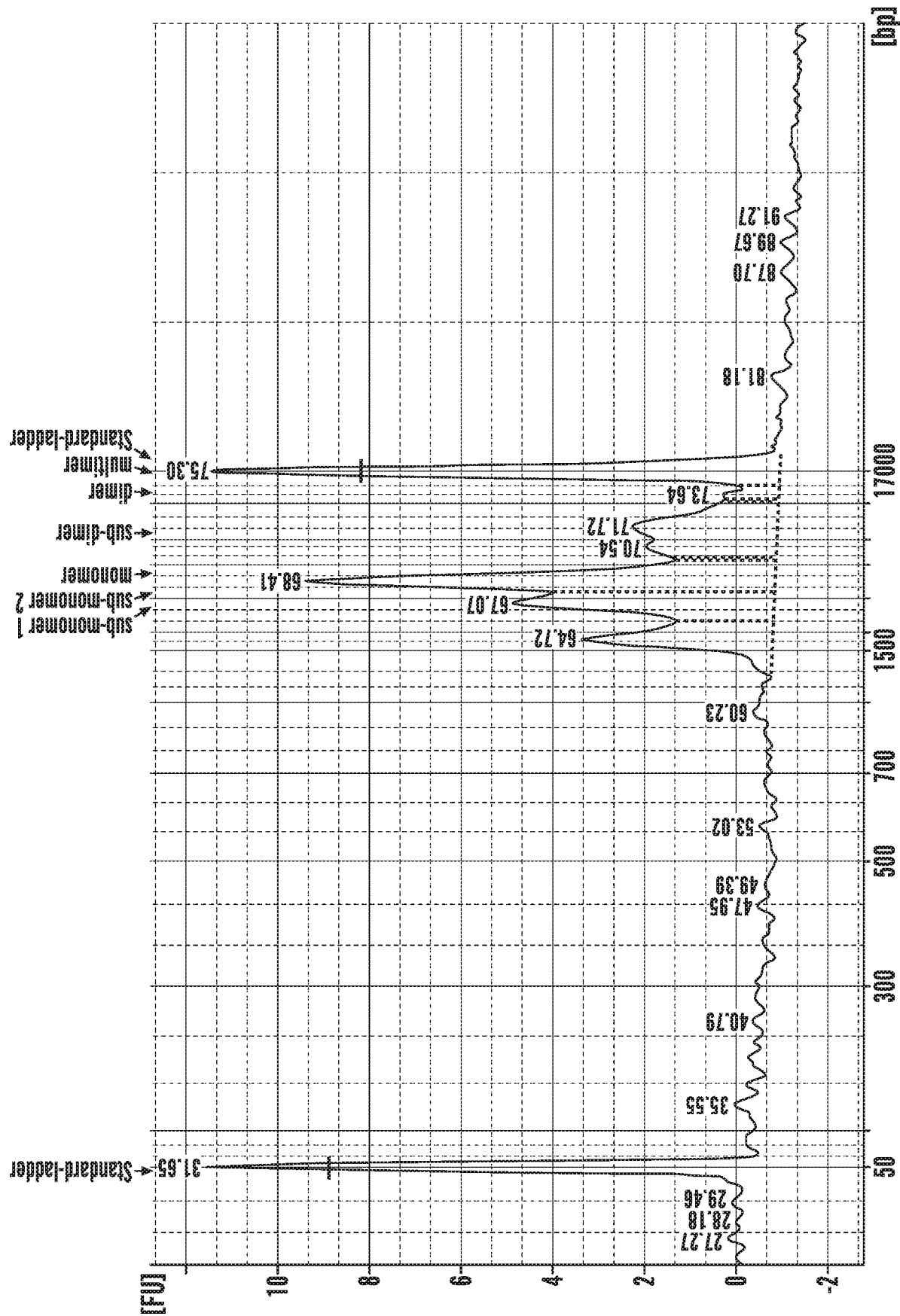
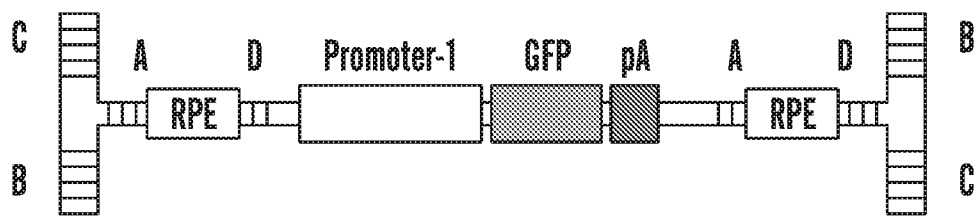


FIG. 16B



Synthetic eGFP-ccDNA [wt/wt]

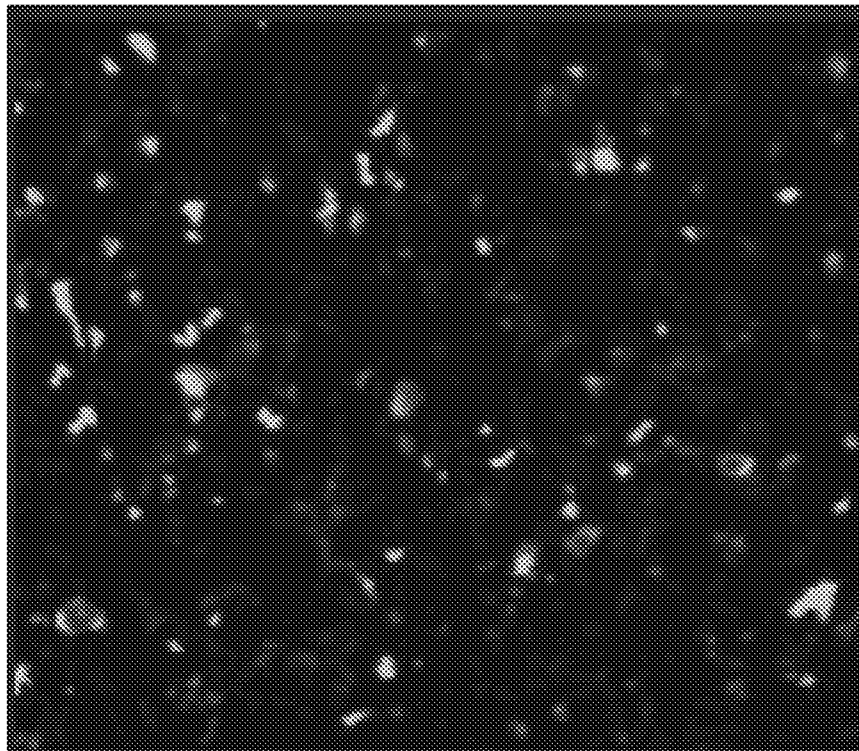


FIG. 17

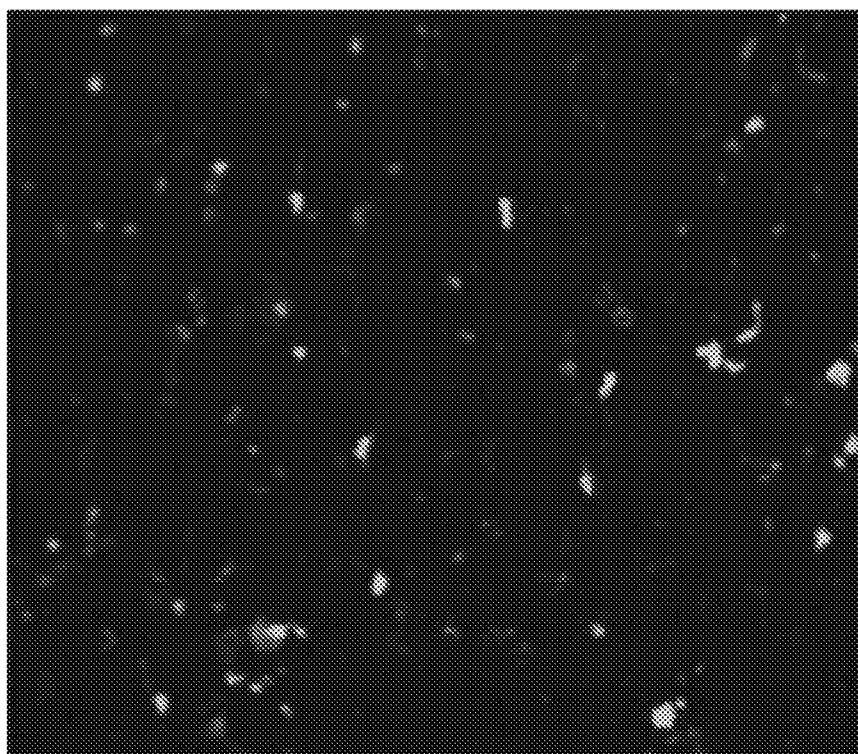
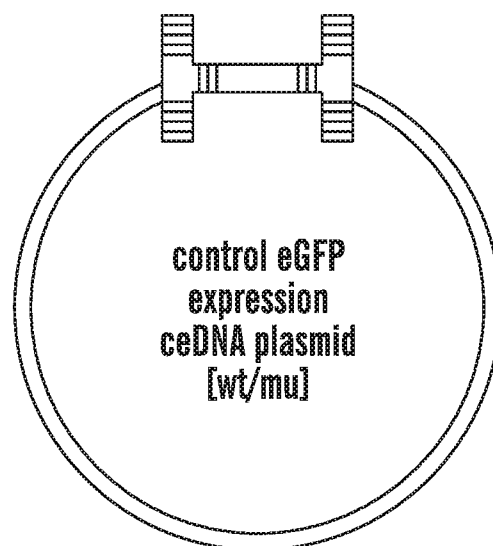
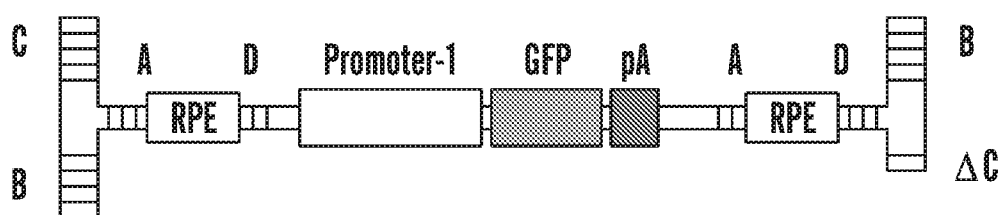


FIG. 17 (cont.)



Synthetic eGFP-ceDNA

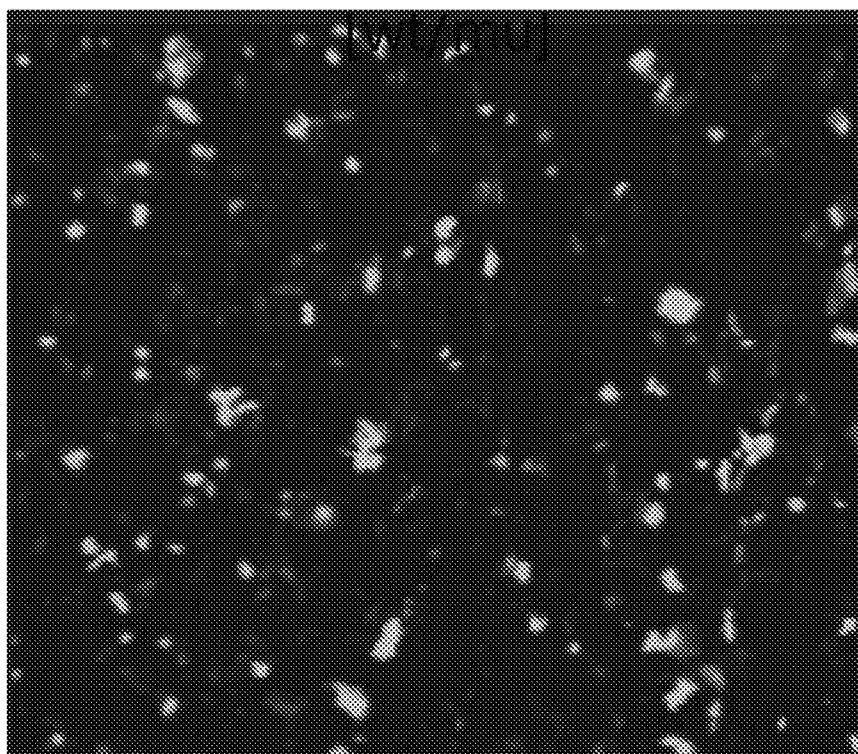


FIG. 17 (cont.)

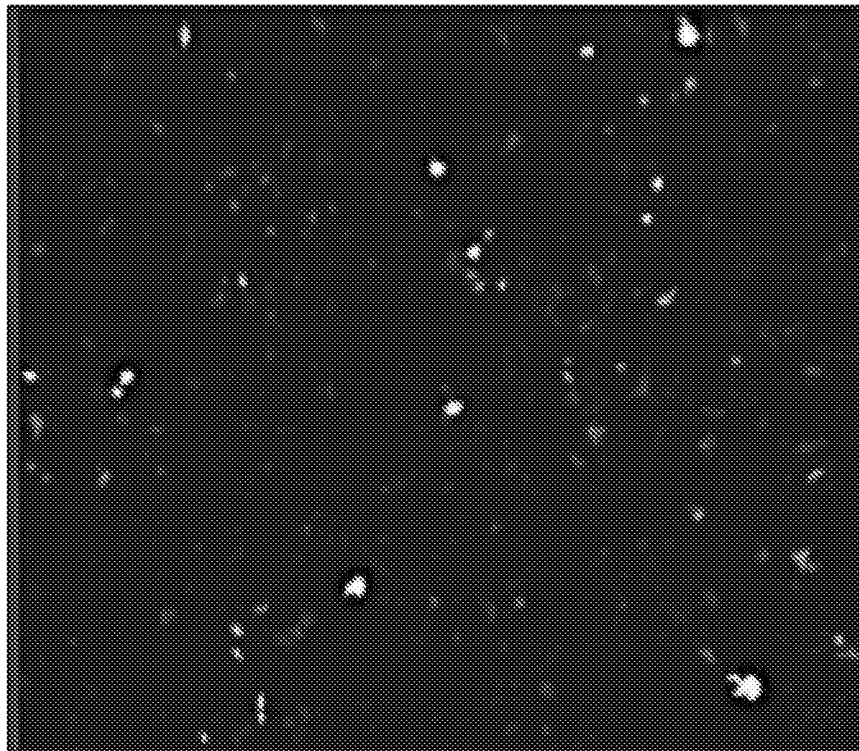
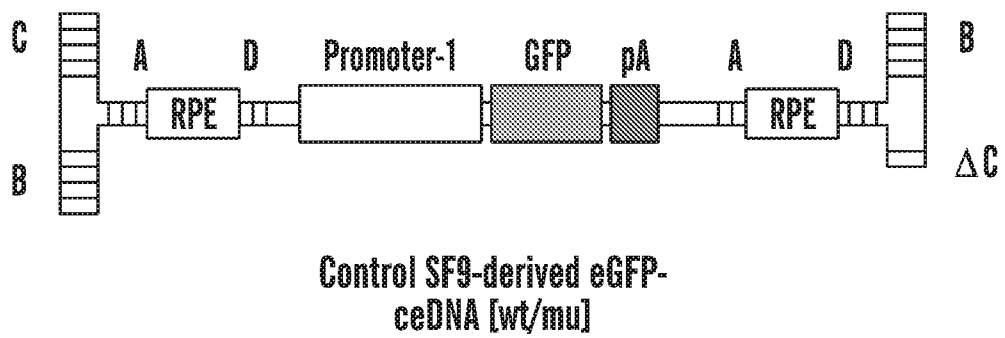
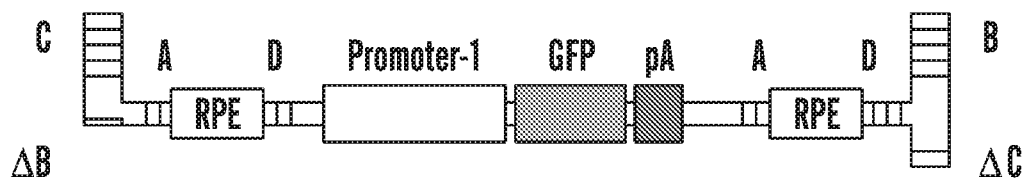


FIG. 17 (cont.)



Synthetic eGFP-ccDNA [mu/mu]

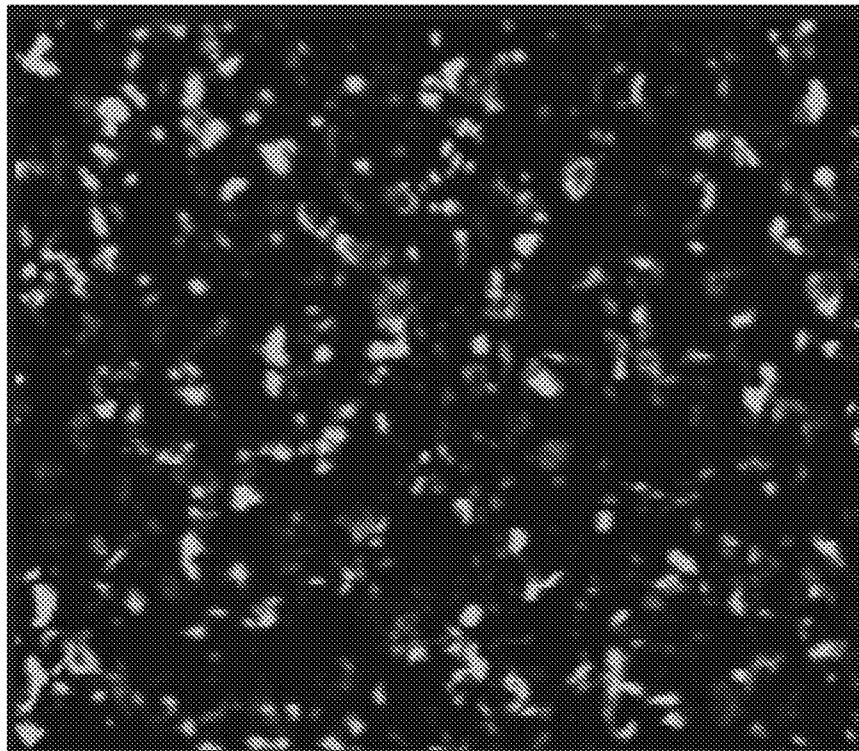


FIG. 17 (cont.)

FIG. 18A

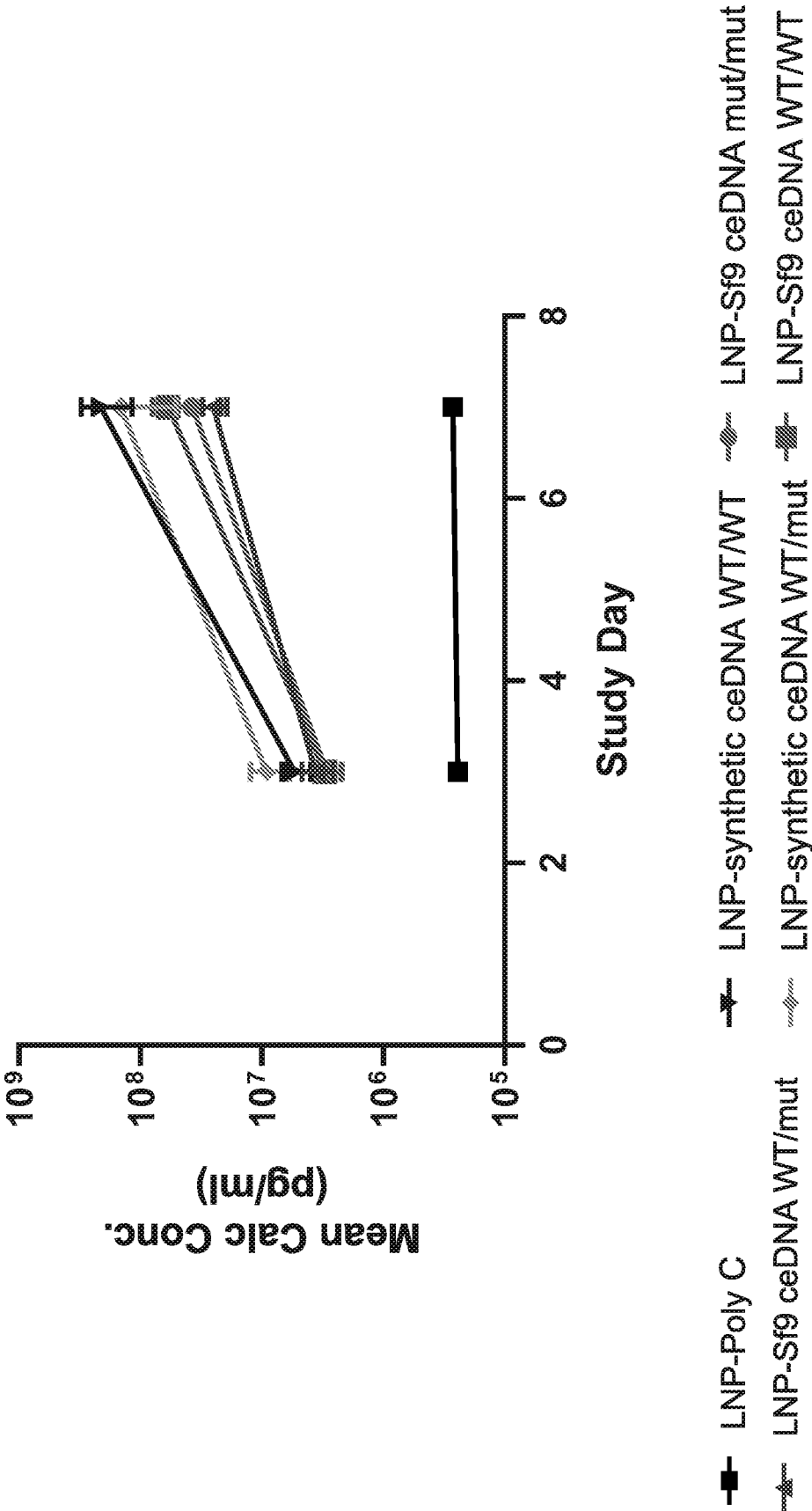


FIG. 18B

