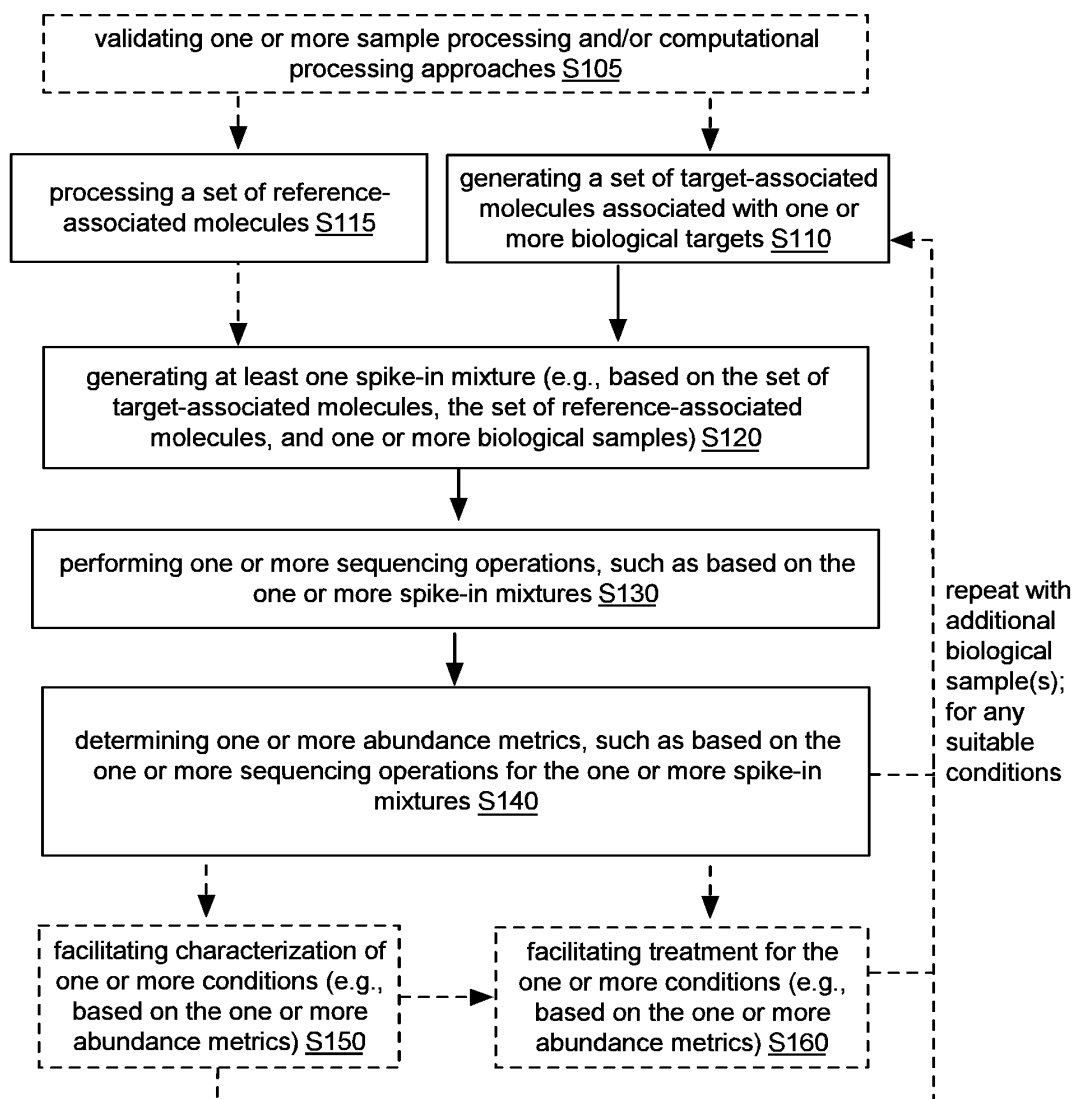




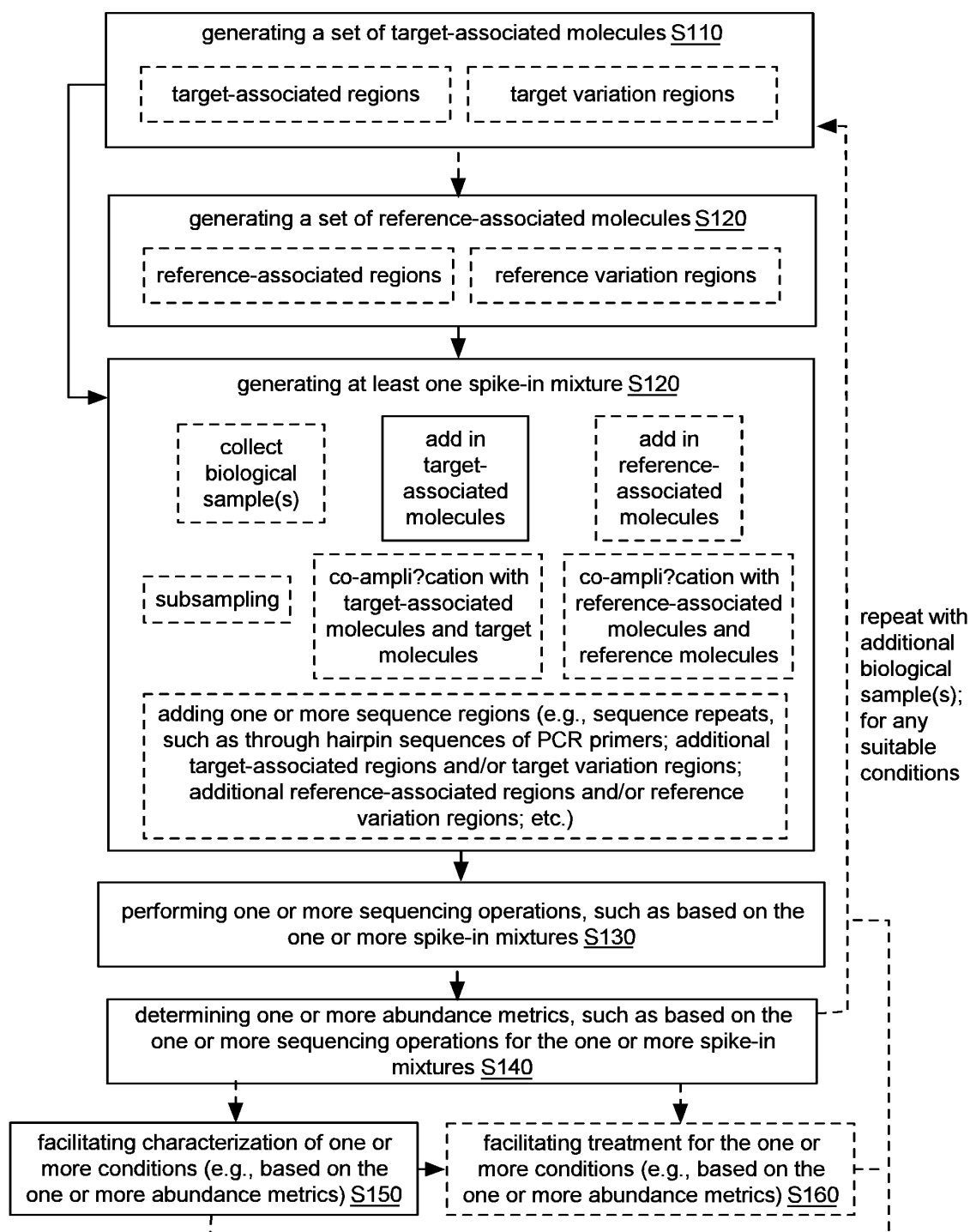


FIGURE 1B

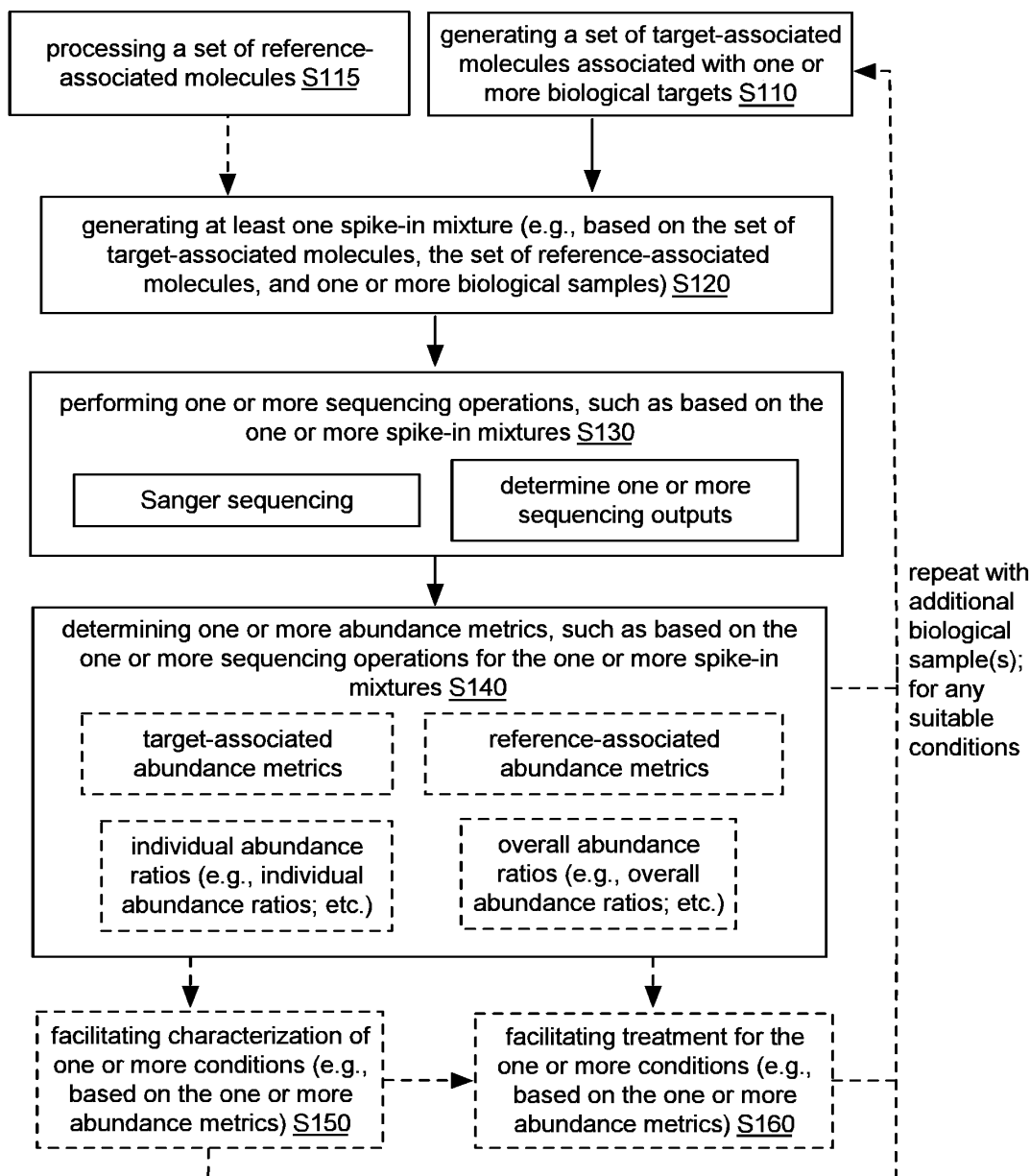


FIGURE 1C

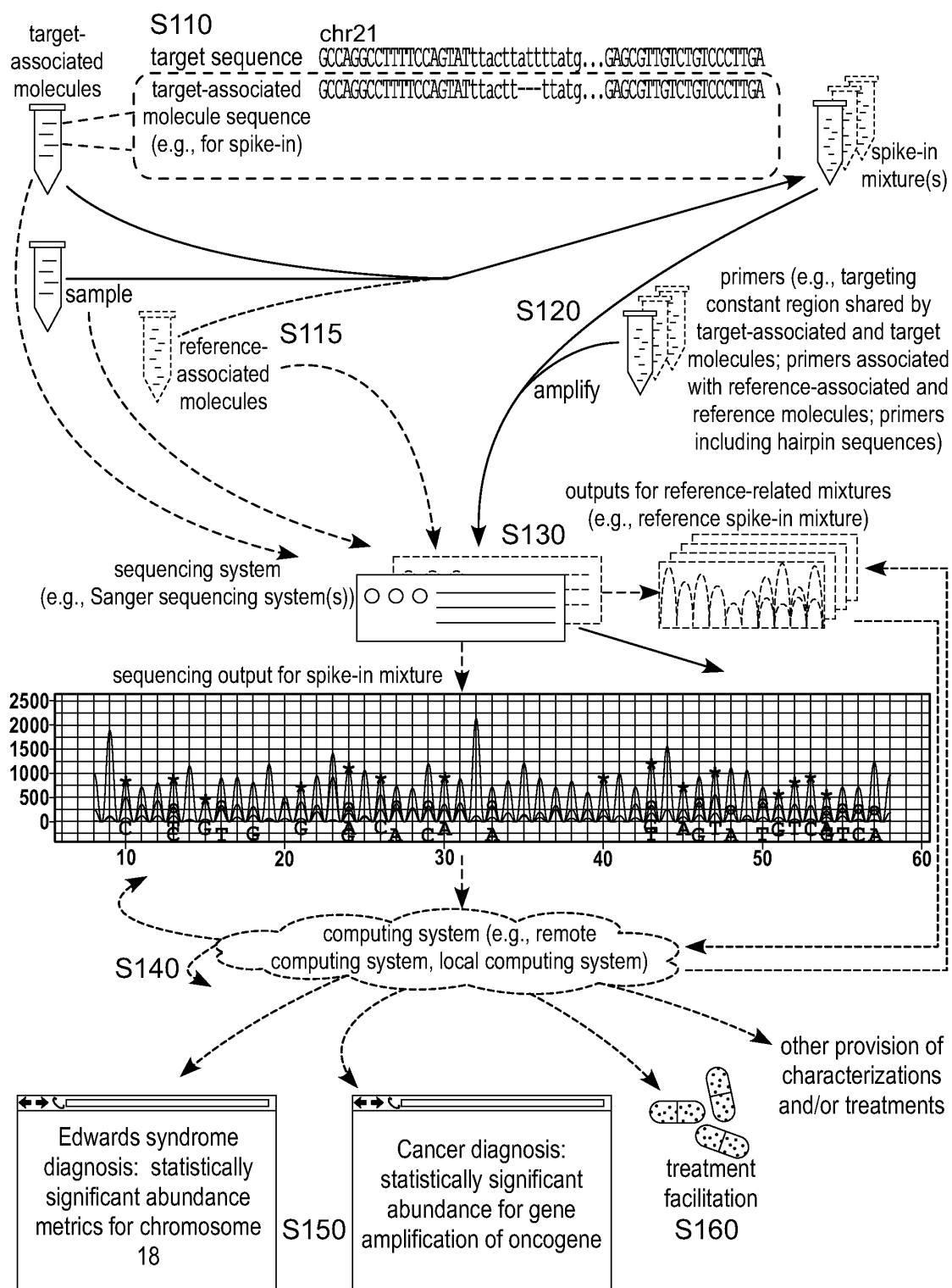


FIGURE 2

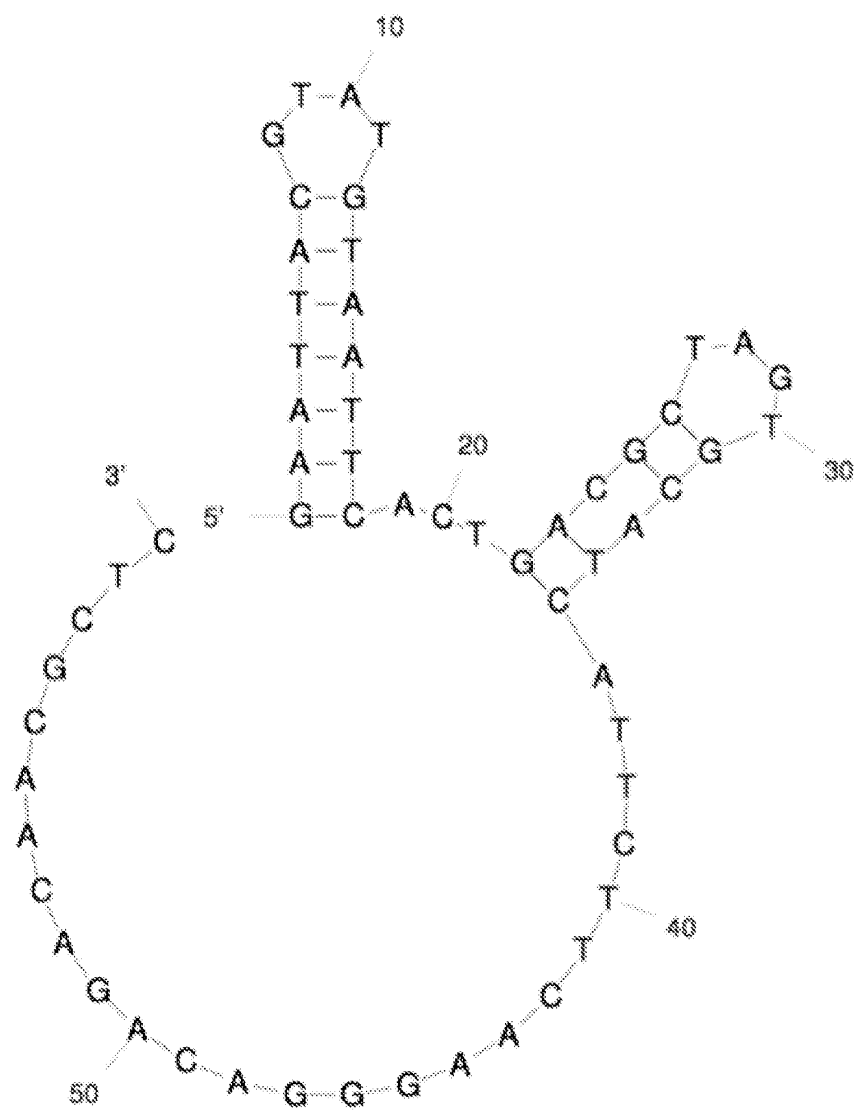
hp19 GGC CAGG CCTTTTCCAGTATttacttattttatggaaaaaccaaactttatcactagacacaaaatttaagtGAGCGTTGTCGTGCCCTTGA
spk GGC CAGG CCTTTTCCAGTATttactt---ttatggaaaaaccaaactttatcactagacacaaaatttaagtGAGCGTTGTCGTGCCCTTGA

First PCR:

DNA Oligonucleotide Name	Sequence
chr21:14439004_PCR2_FP	5'-CGA CGC TCT TCC GAT CTA AAG GGC CAG GCC TTT TCC AGT AT-3'
chr21:114439076_PCR2_RP_hp	5'-GAA TTA CGT ATG TAA TTC ACT GAC GCT AGT GCA TCA TTC TTC AAG GGA CAG ACA ACG CTC-3'
chr21:14439004_PCR1_FP	5'-GGC CAG GCC TTT TCC AGT AT-3'
chr21:14439076_PCR1_RP	5'-TCA AGG GAC AGA CAA CGC TC-3'

Design of PCR primers (capitalized) and spike-in for chr21:15811326-15811417.

FIGURE 3



chr21:14439076_PCR2_RP_hp

FIGURE 4

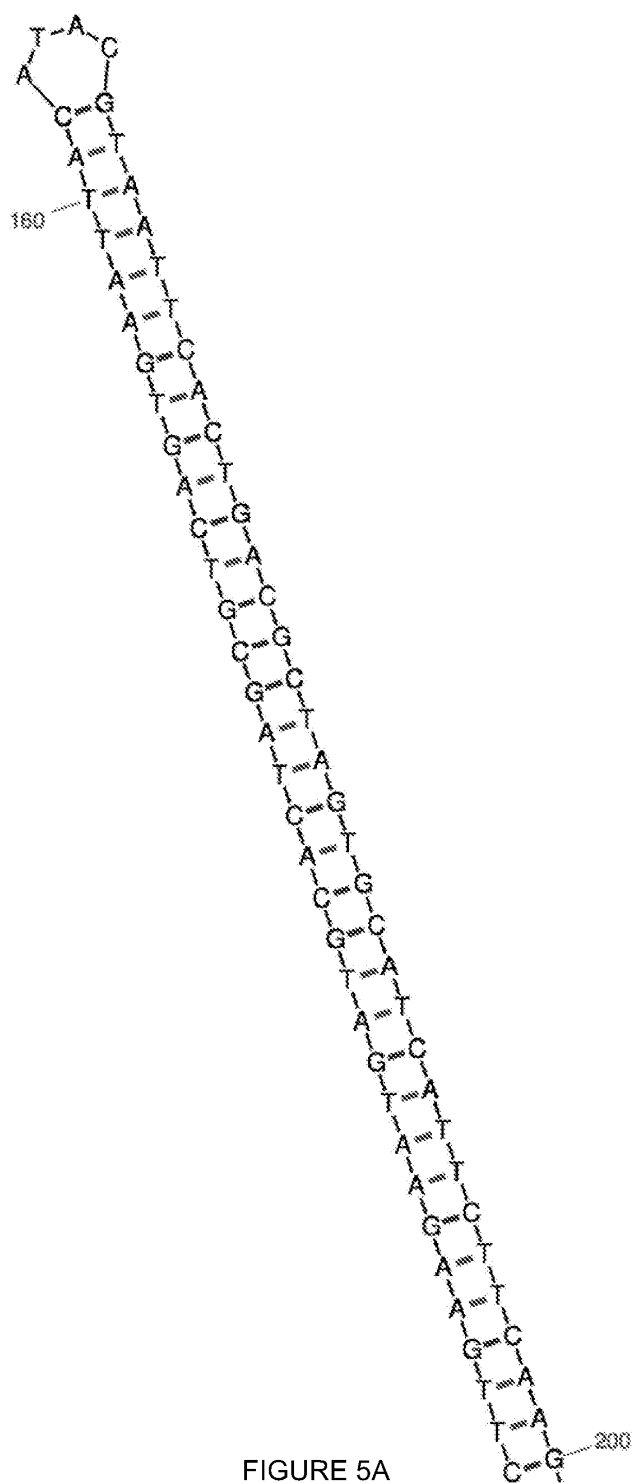
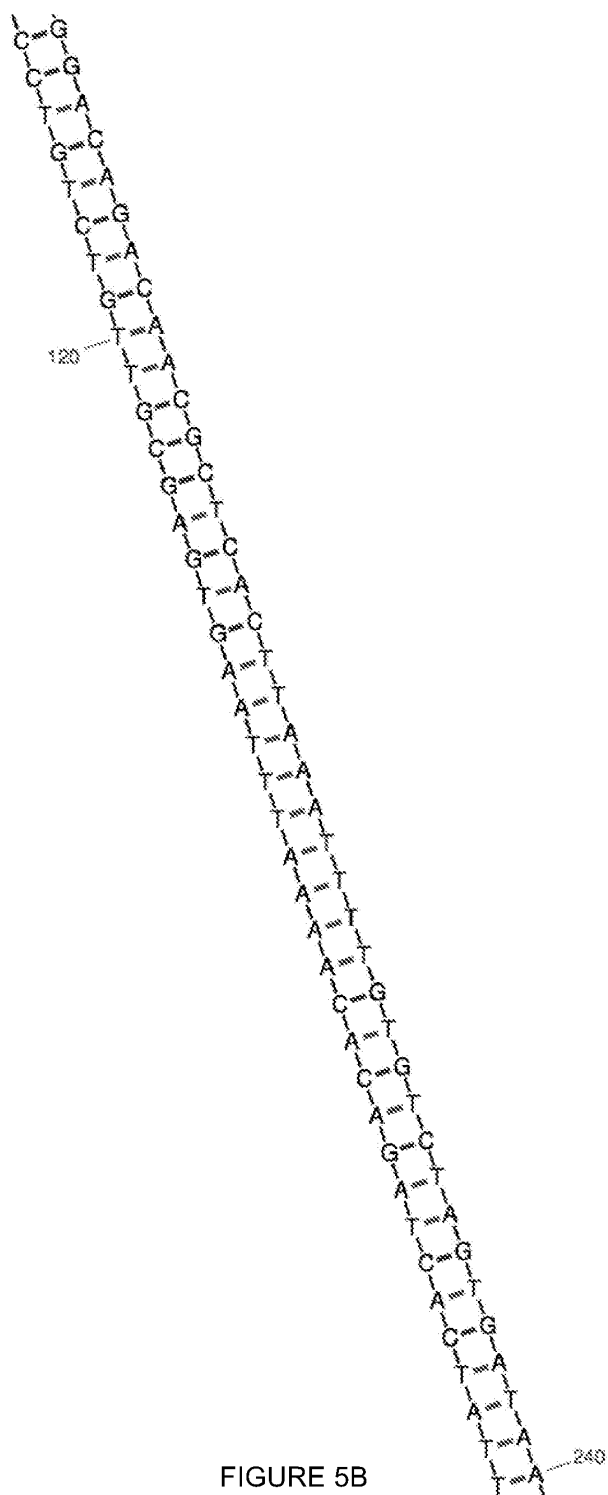
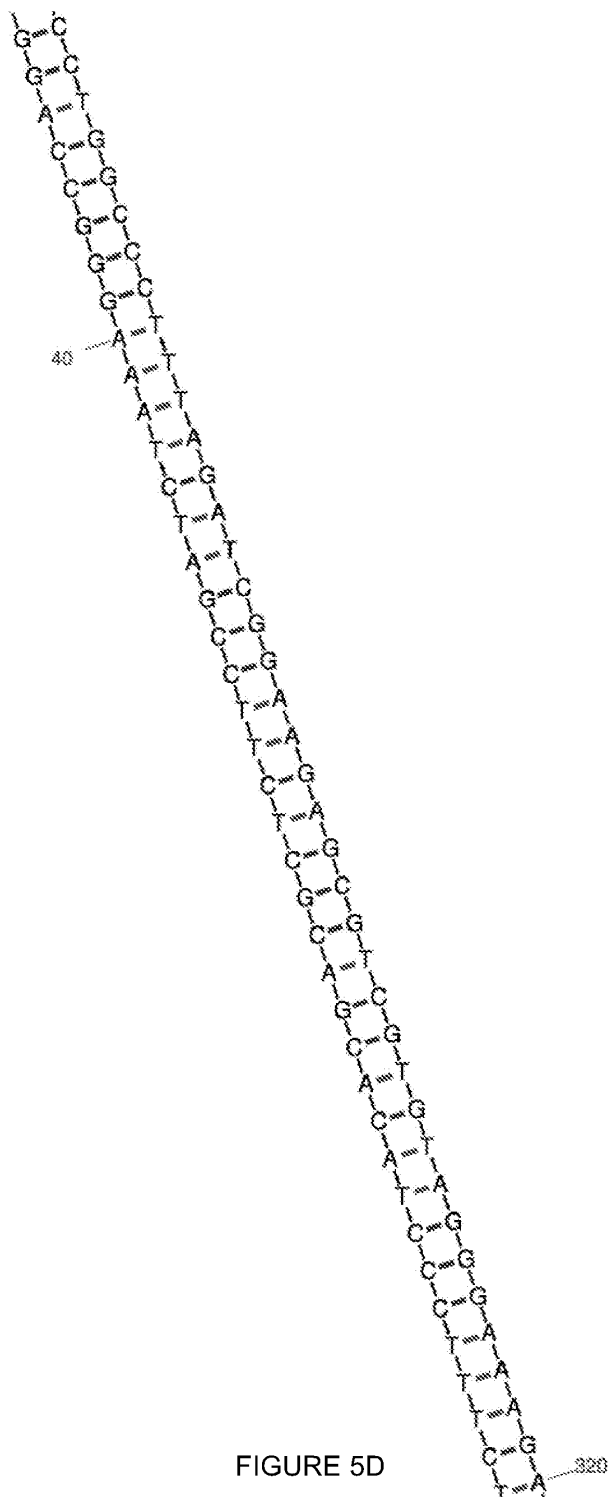


FIGURE 5A





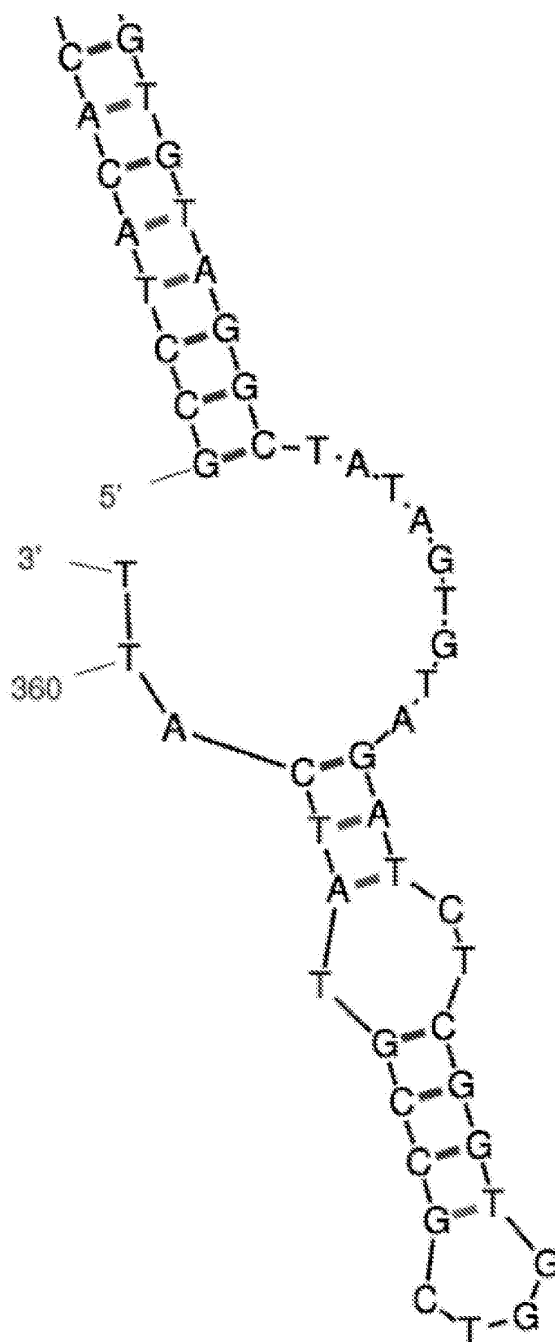


FIGURE 5E

seq_type ◦ target * target-associated molecules

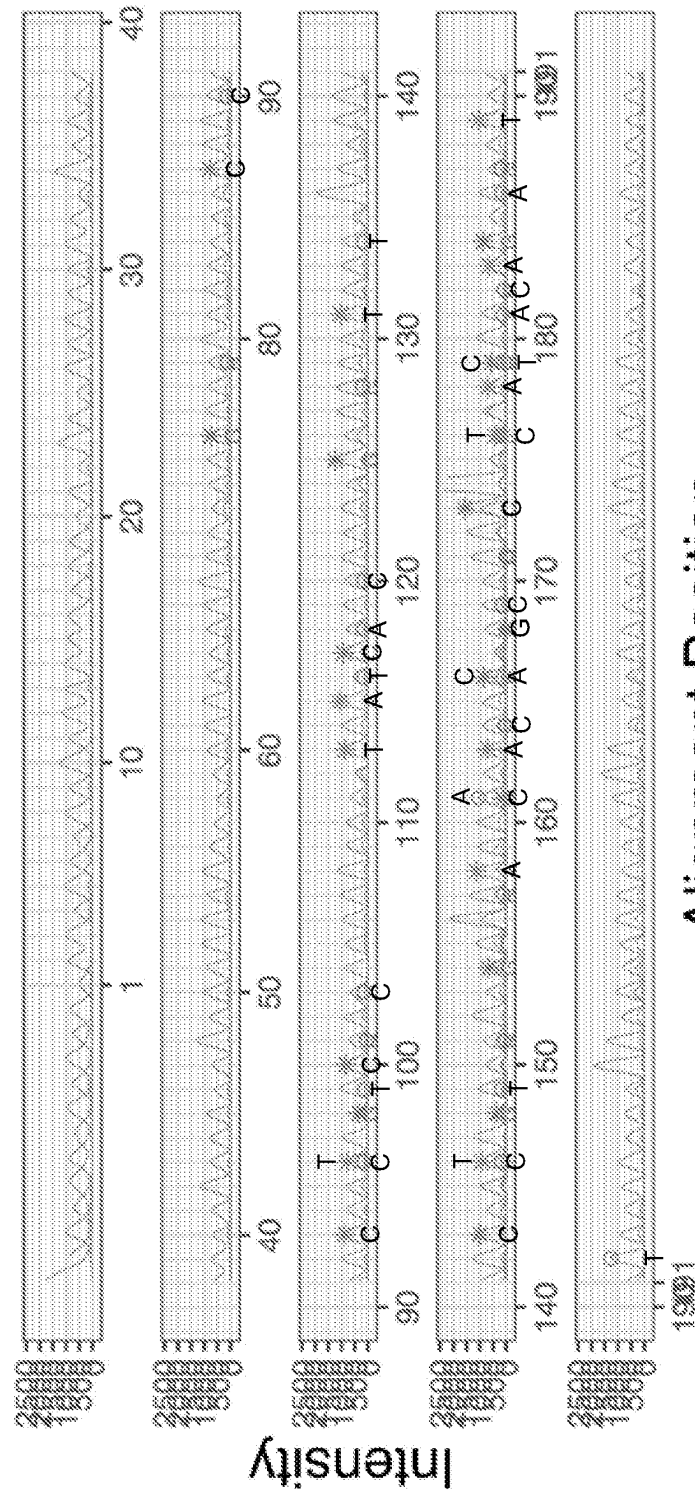


FIGURE 6A

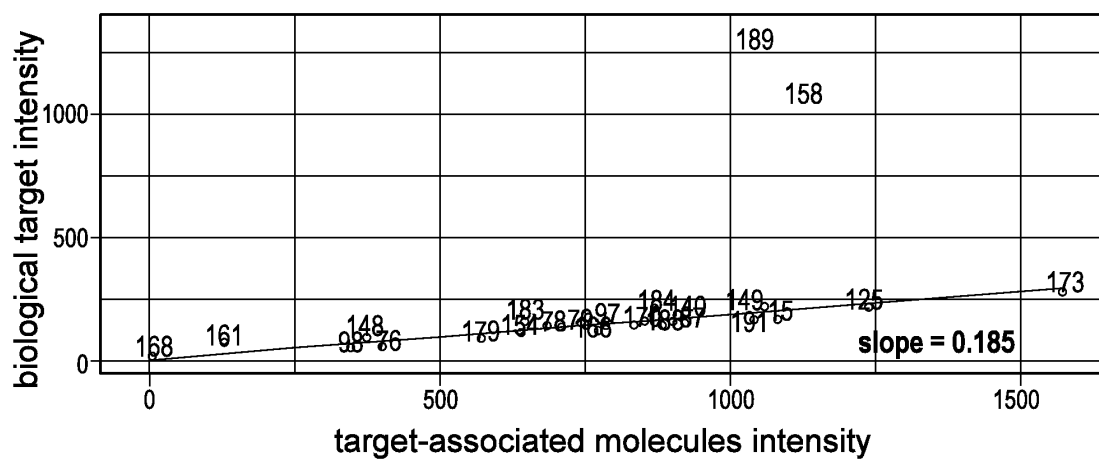
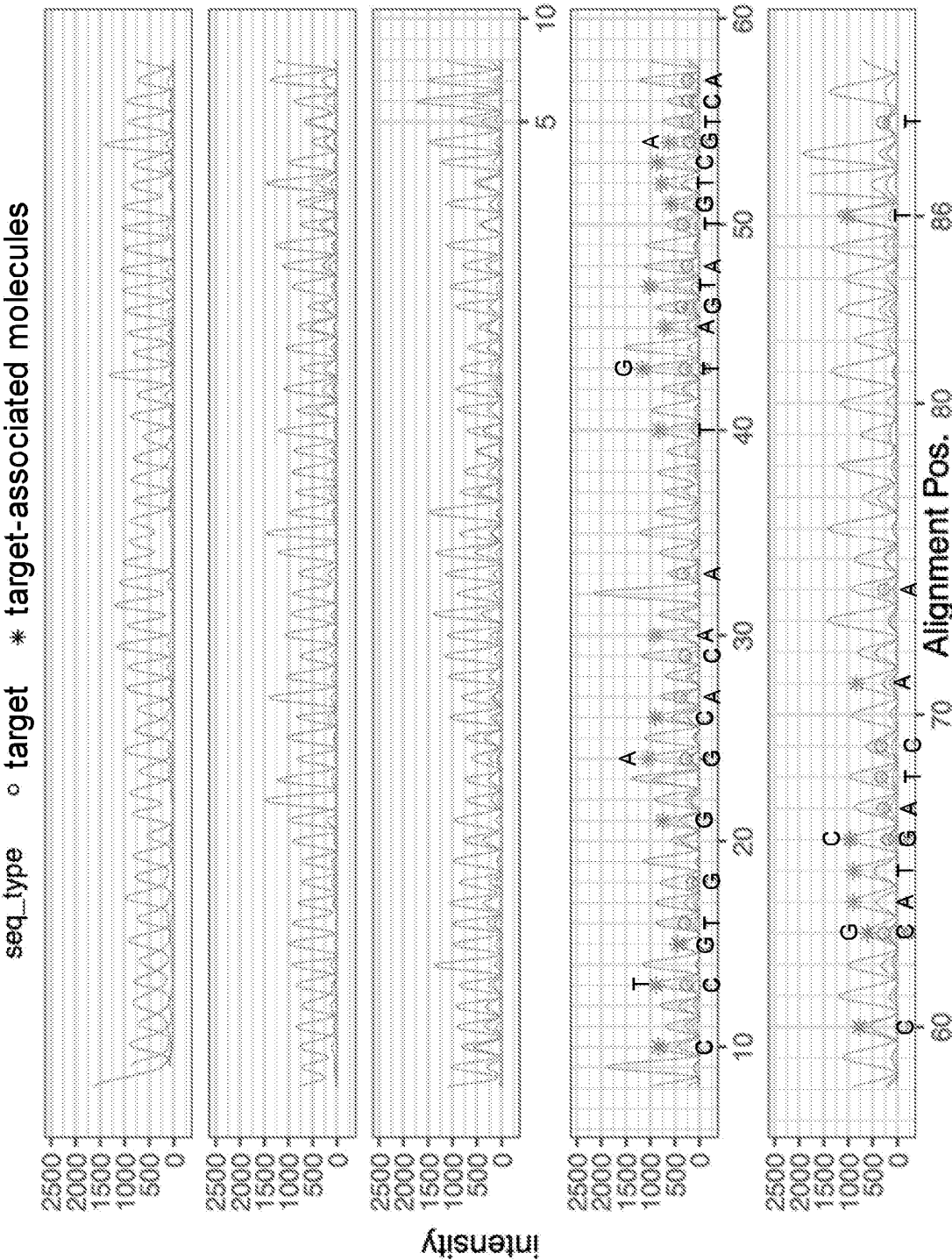


FIGURE 6B



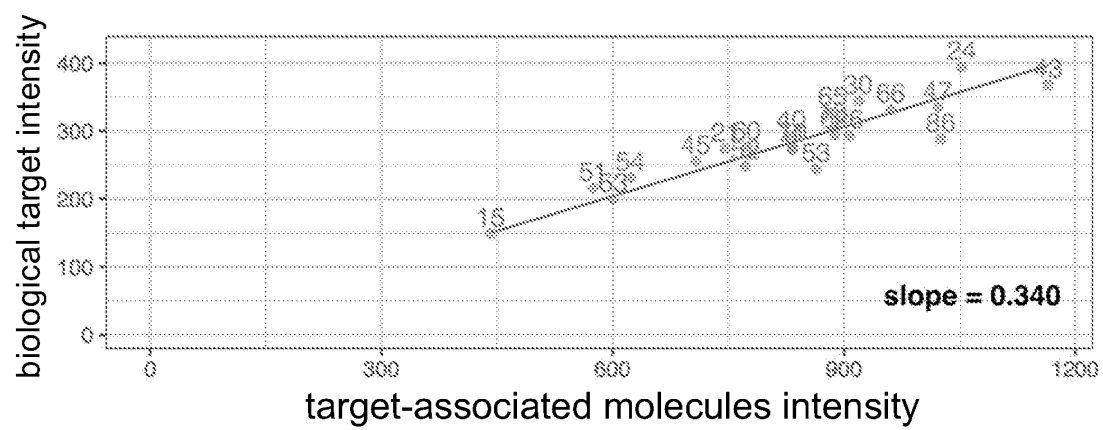


FIGURE 7B

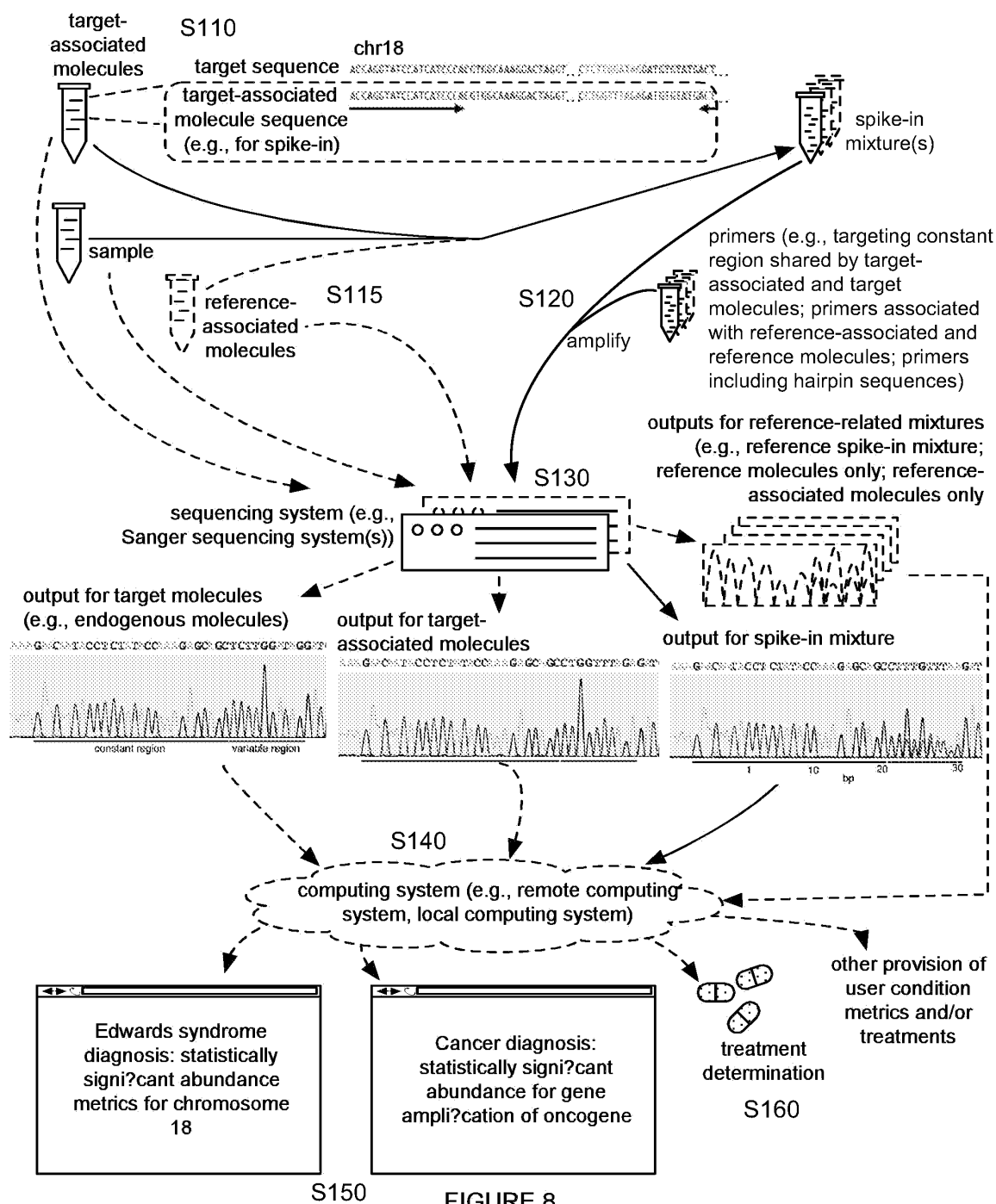


FIGURE 8

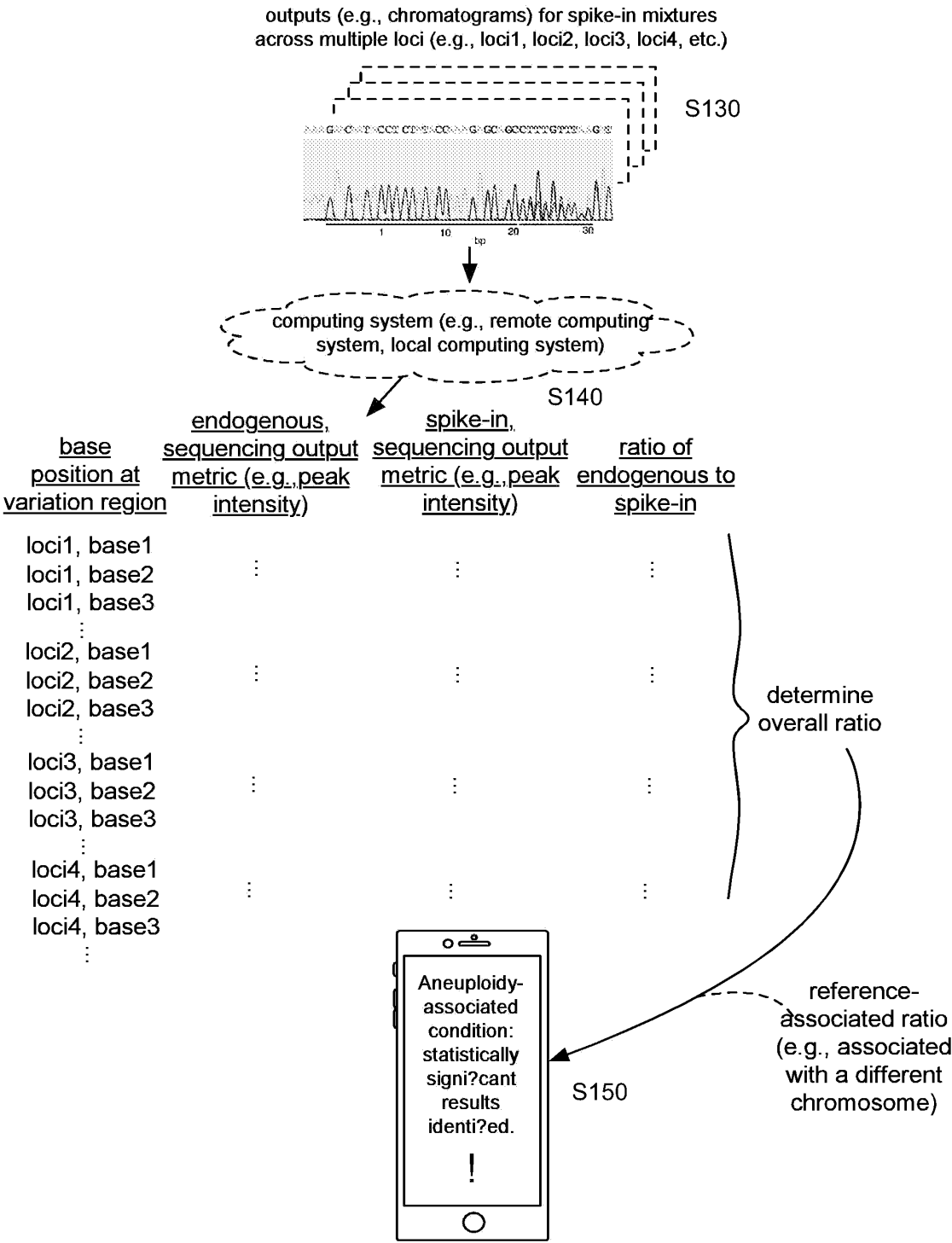


FIGURE 9

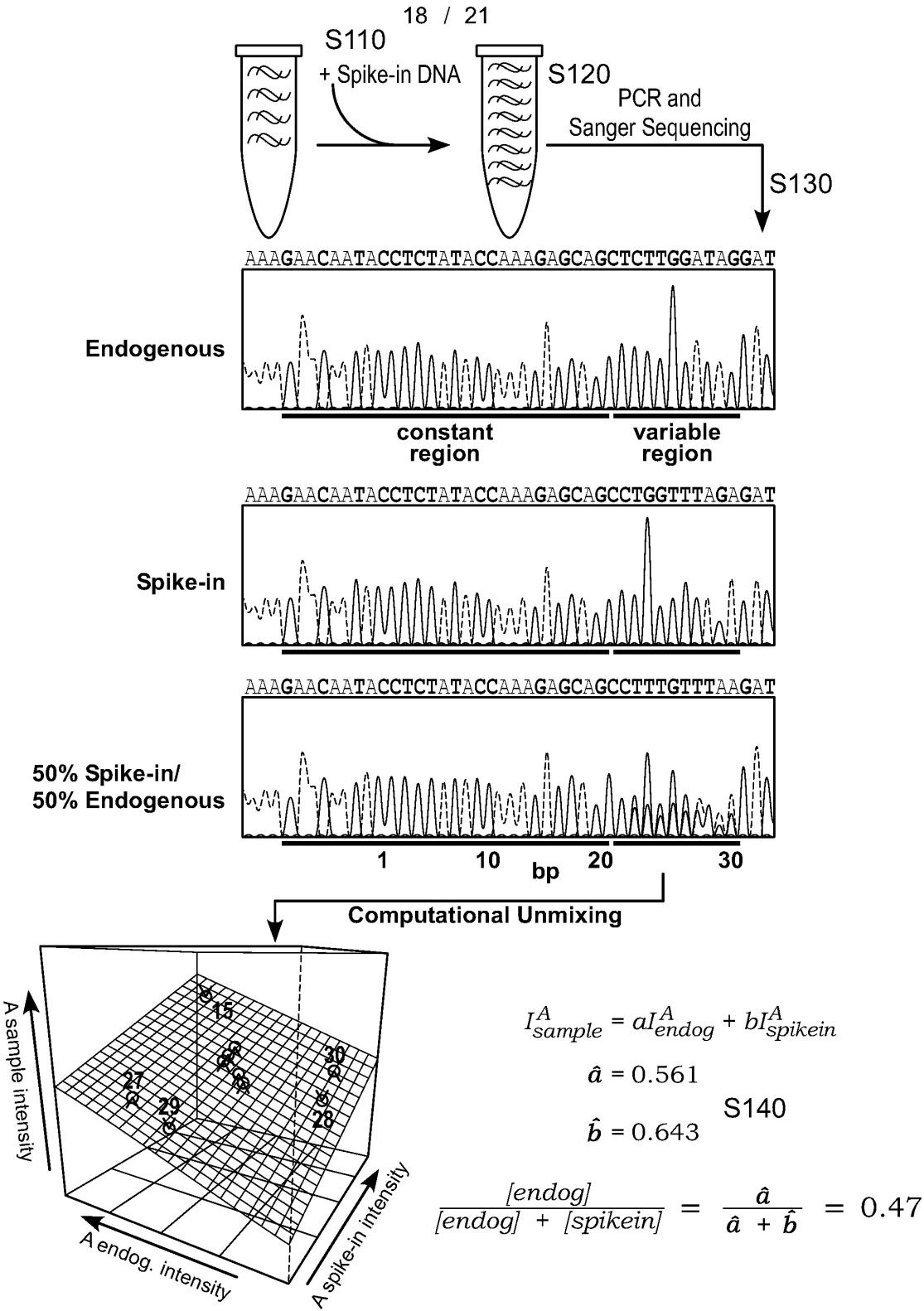


FIGURE 10

>chr18:12340277+12340405 129bp

Target ACCAGGTATCCATCATCCCAGTGGCAAAGGACTAGGTTATGCTCAGTATTACCAAAAGAACAATACCTCTATACCAAGAGCAGCTCTTGGATAGGATGTGTATGACTTTAGGTGGTCGAGTCTCTG

Spike-in ACCAGGTATCCATCATCCCAGTGGCAAAGGACTAGGTTATGCTCAGTATTACCAAAAGAACAATACCTCTATACCAAGAGCAGCTCTTGGATAGGATGTGTATGACTTTAGGTGGTCGAGTCTCTG



FIGURE 11

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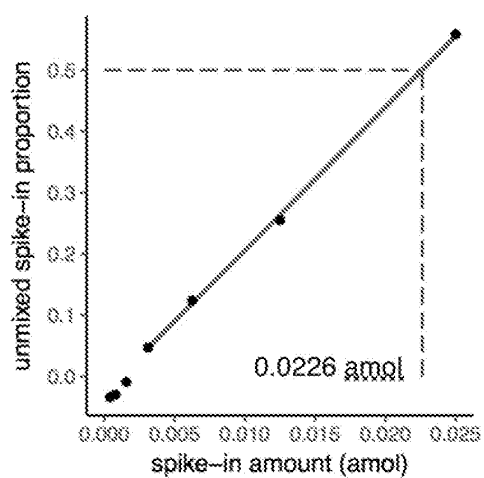


FIGURE 12A

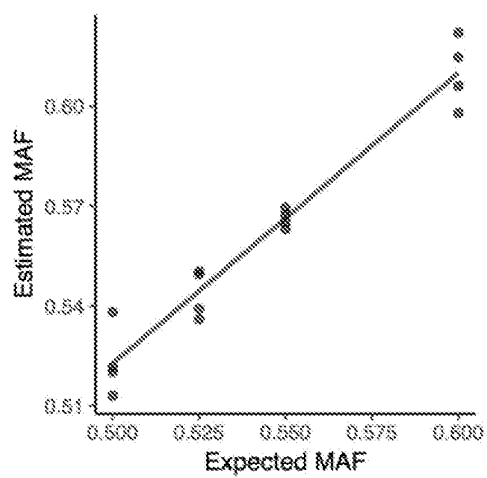


FIGURE 12B

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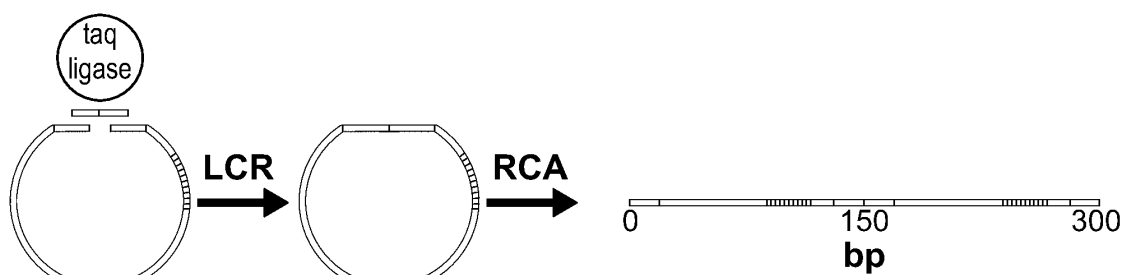


FIGURE 13A

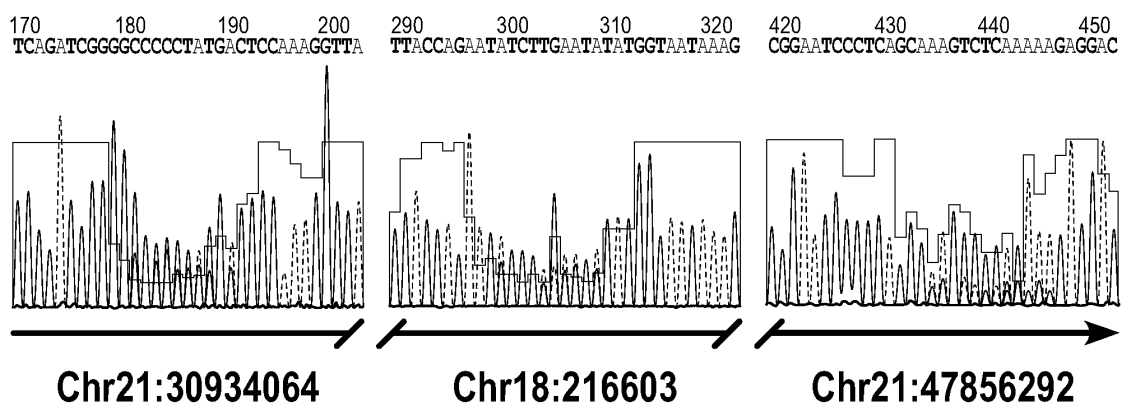


FIGURE 13B