

FIG. 1A

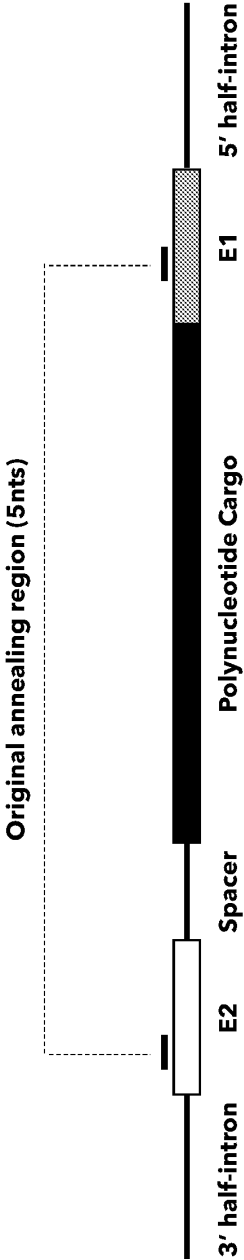


FIG. 1B

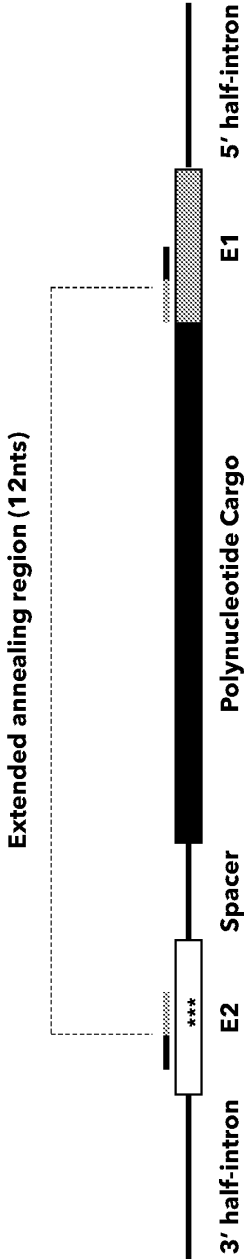


FIG. 2B

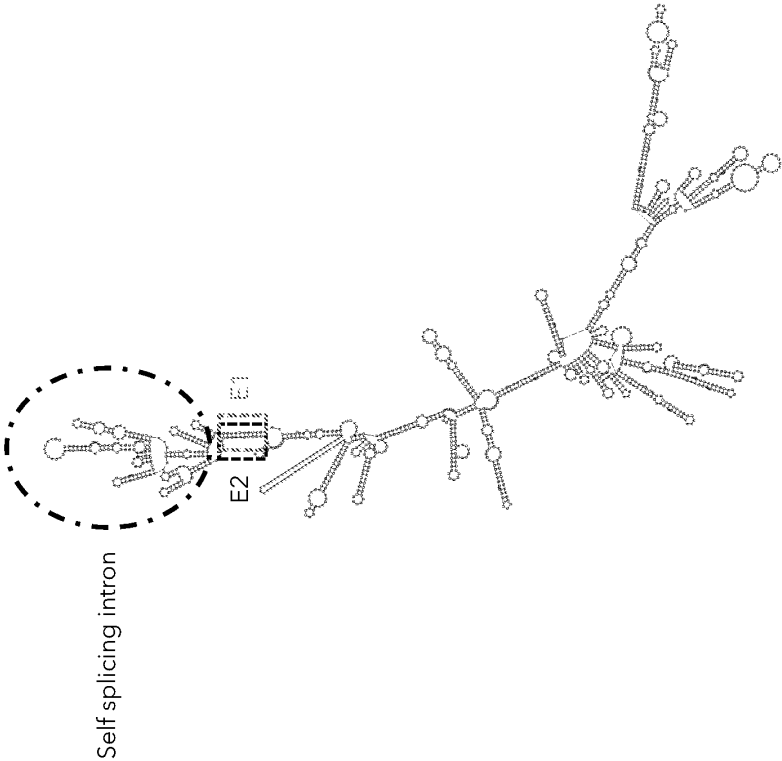


FIG. 2A

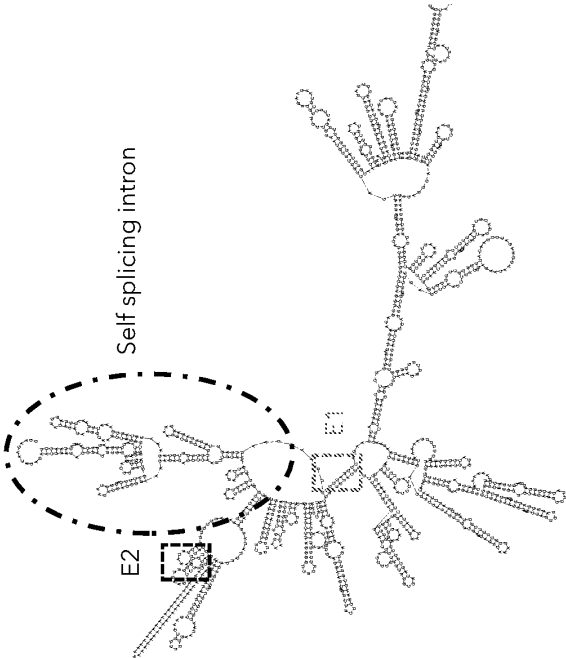


FIG. 3B

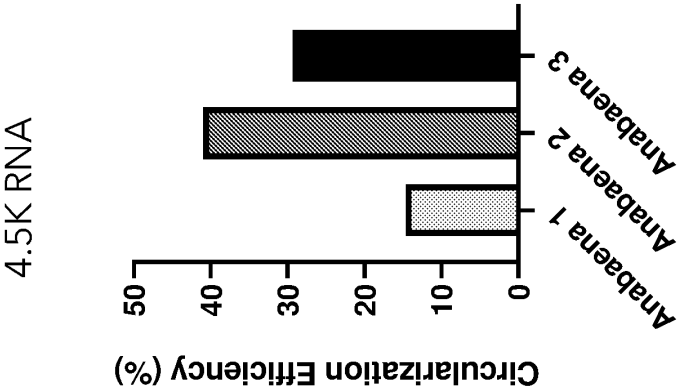


FIG. 3A

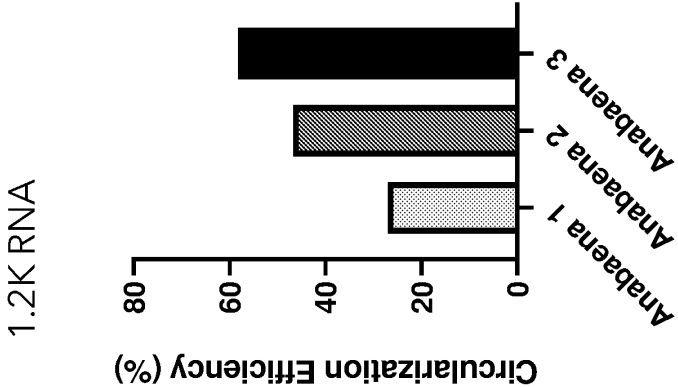


FIG. 4

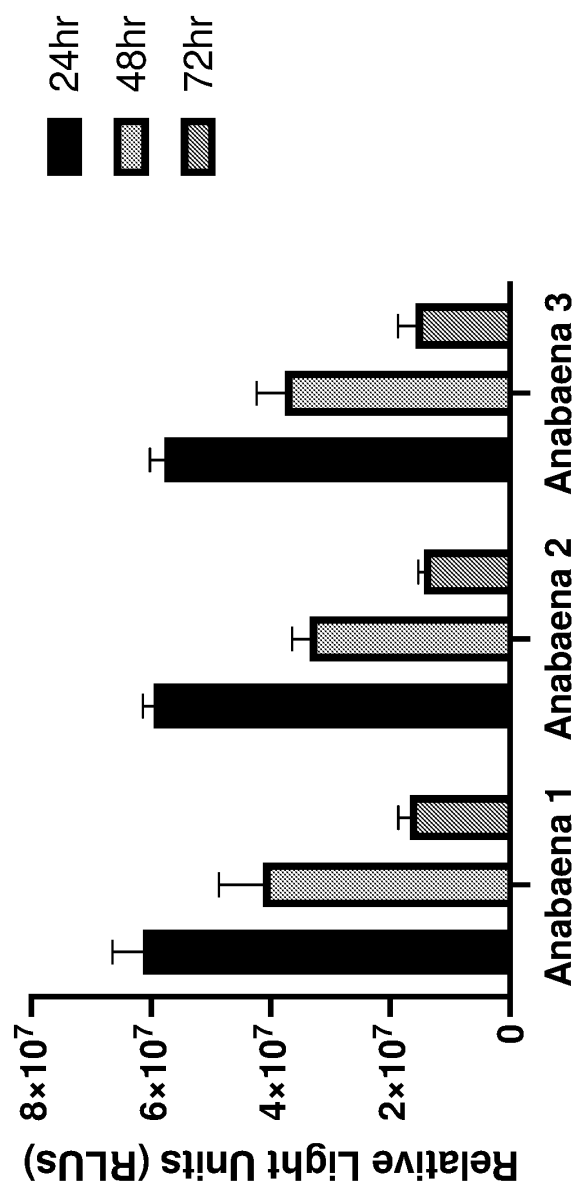


FIG. 5

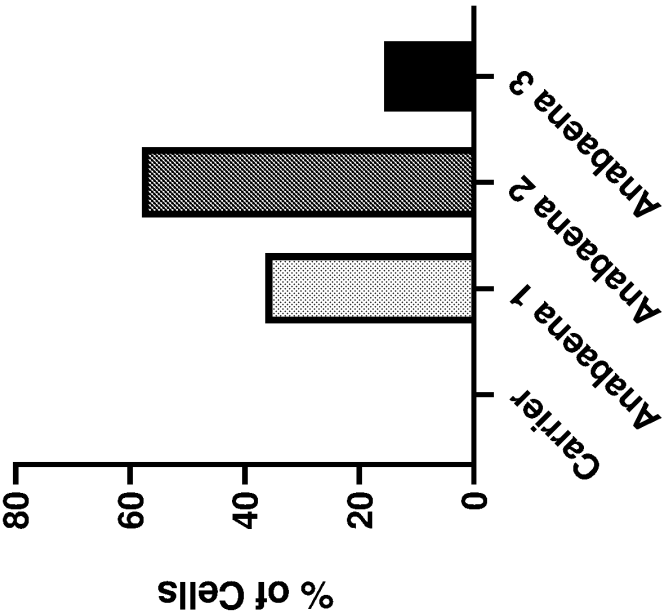


FIG. 6

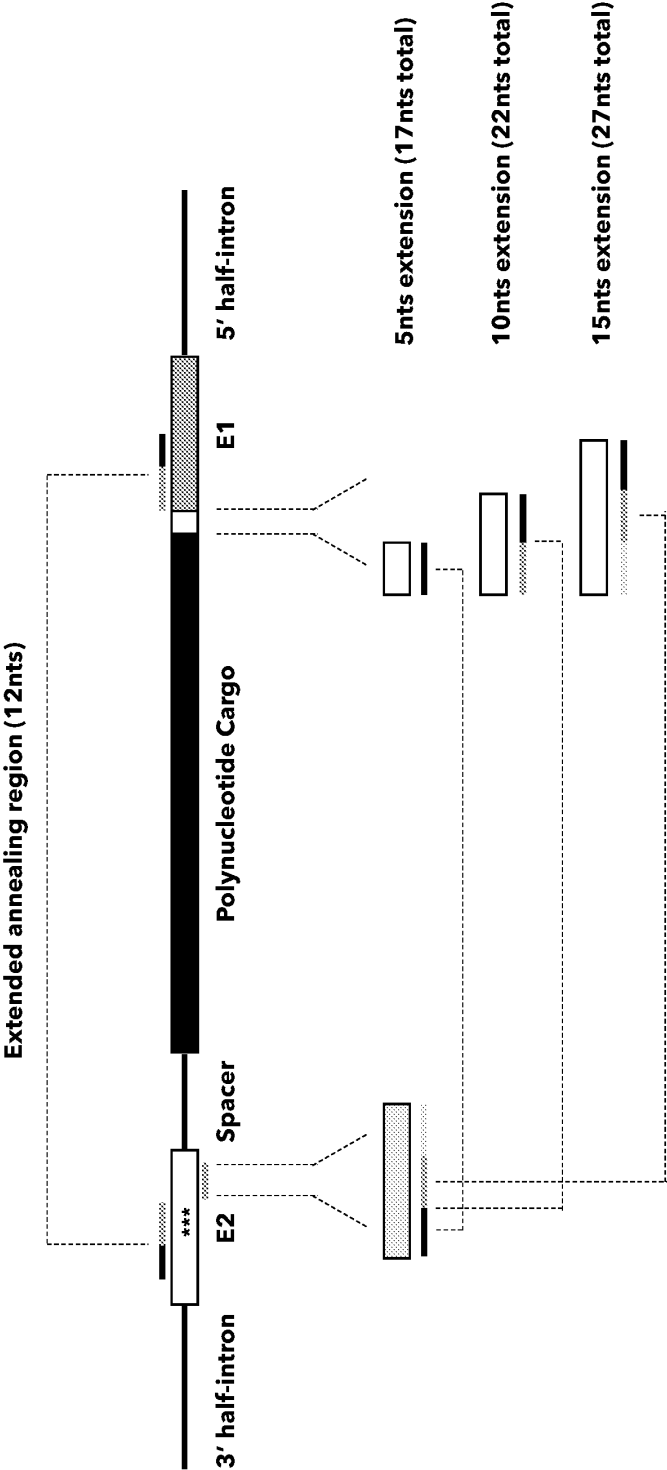


FIG. 7

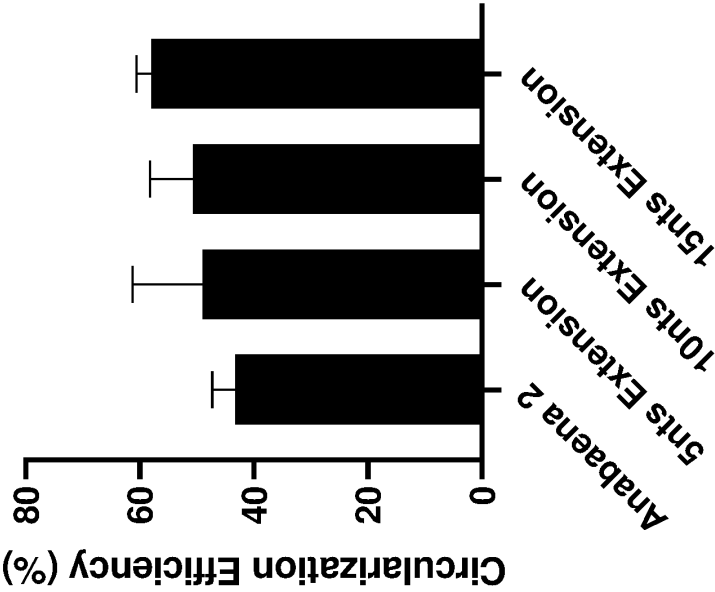


FIG. 8

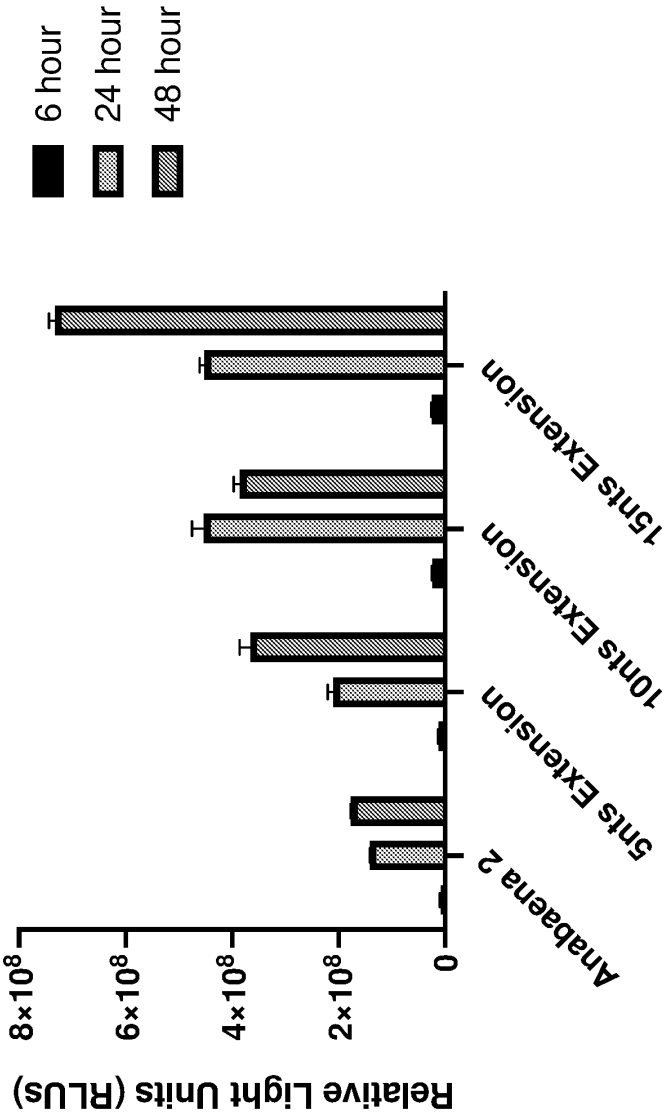


FIG. 9A

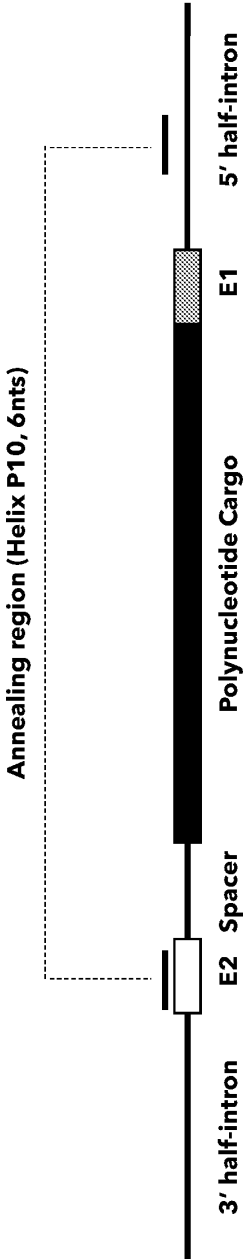


FIG. 9B

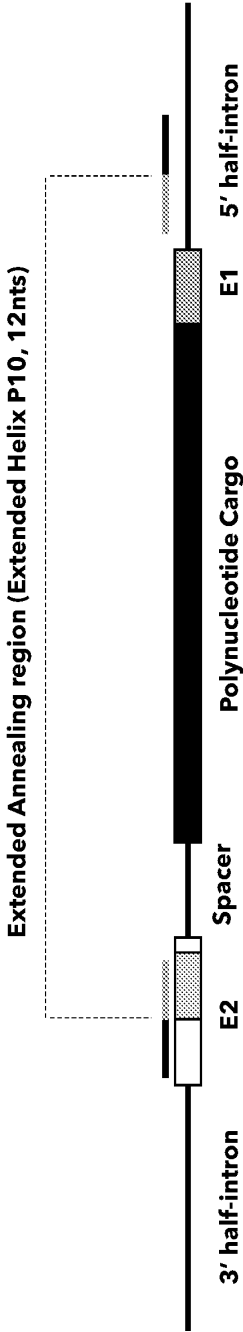


Fig. 10B

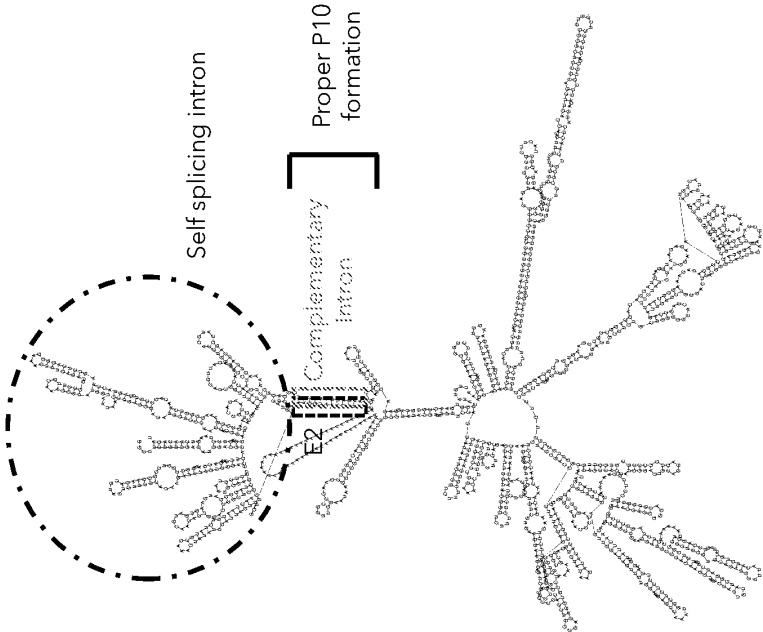


Fig. 10A

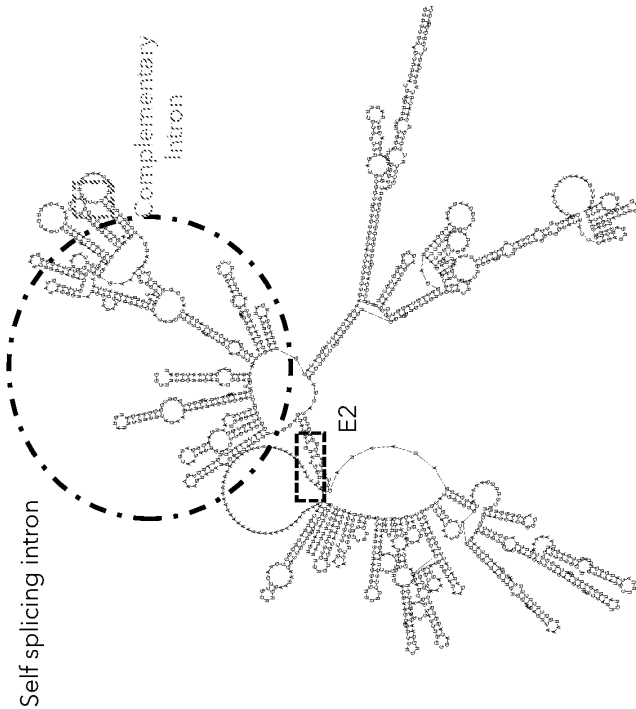


FIG. 11

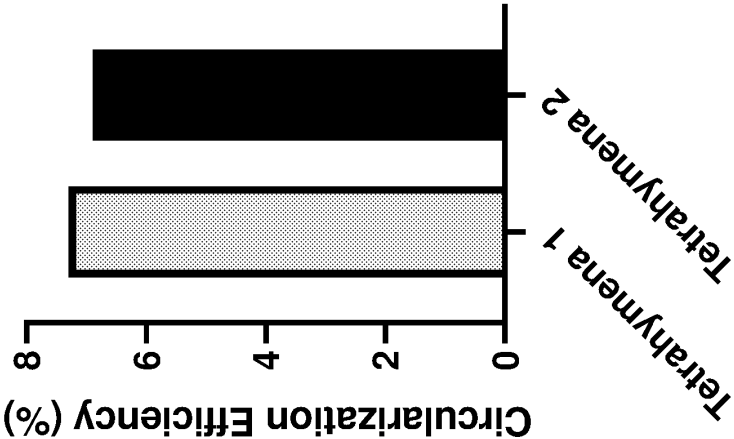


FIG. 12A

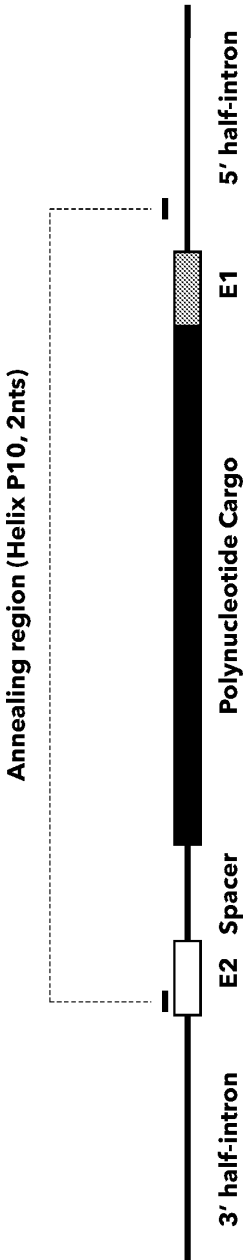


FIG. 12B

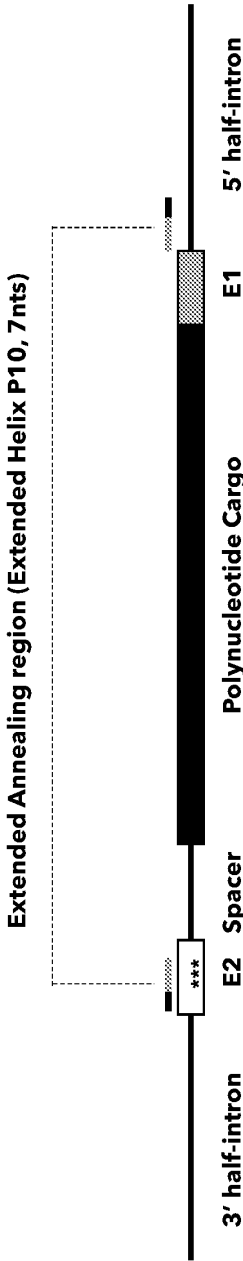


FIG. 13

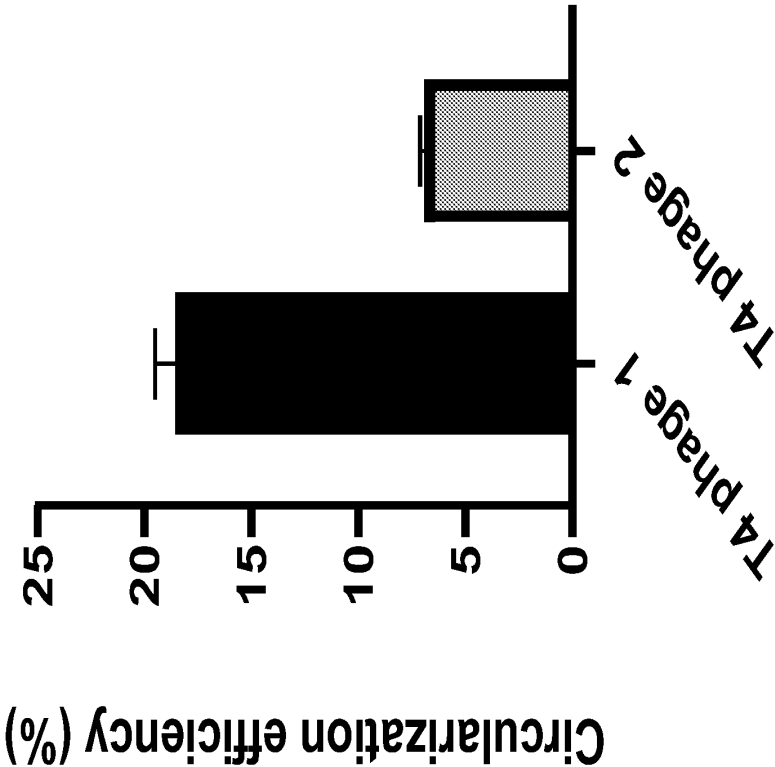


FIG. 14A

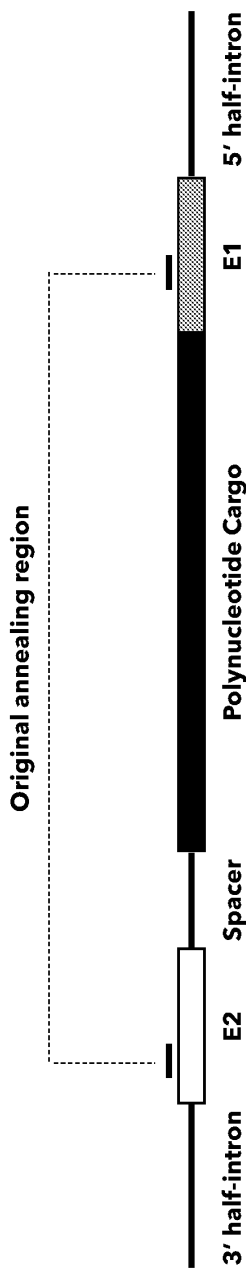


FIG. 14B

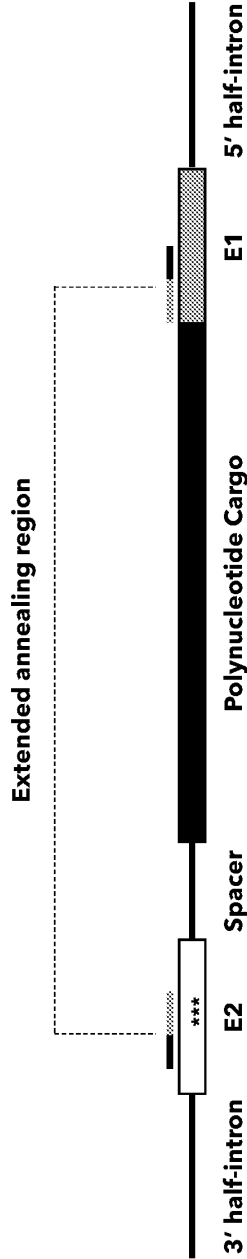


FIG. 15B

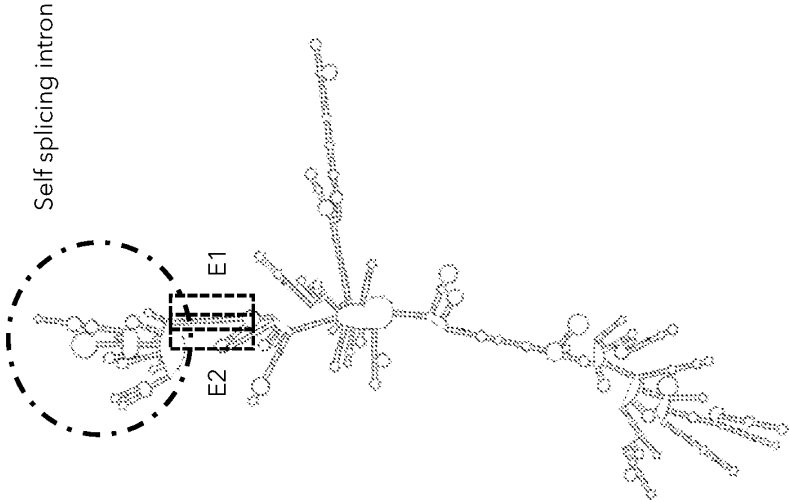


FIG. 15A

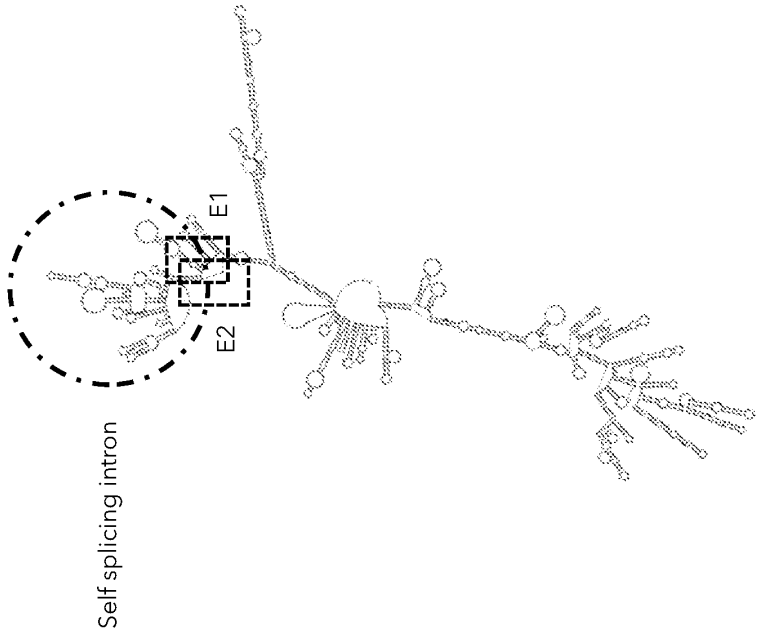


FIG. 16B

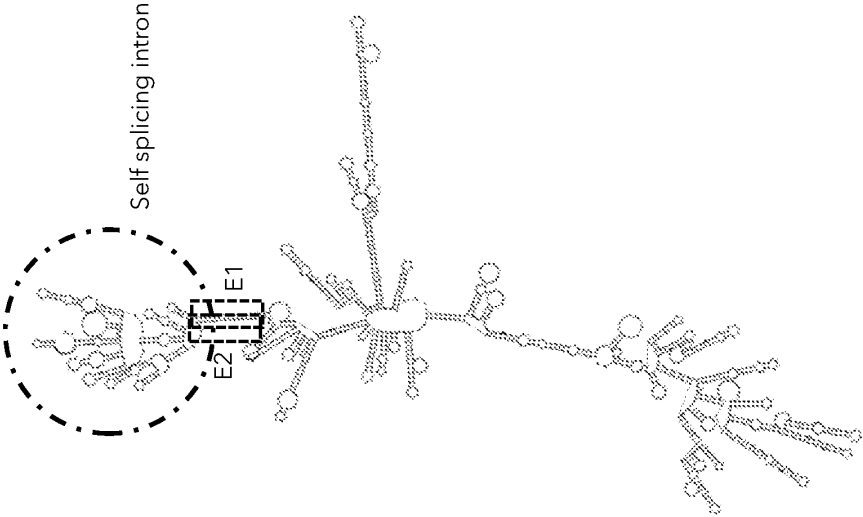
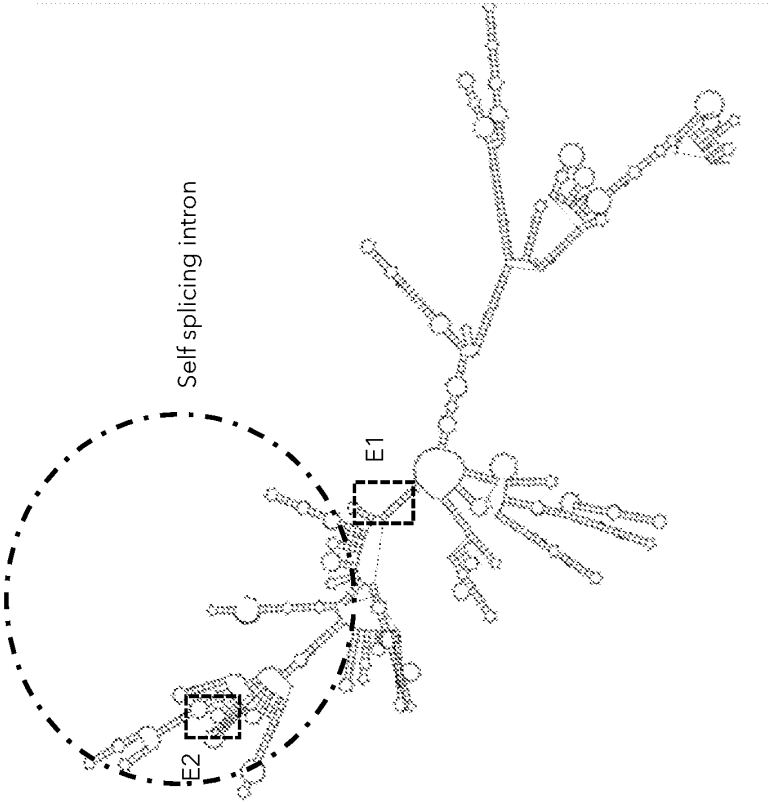


FIG. 16A



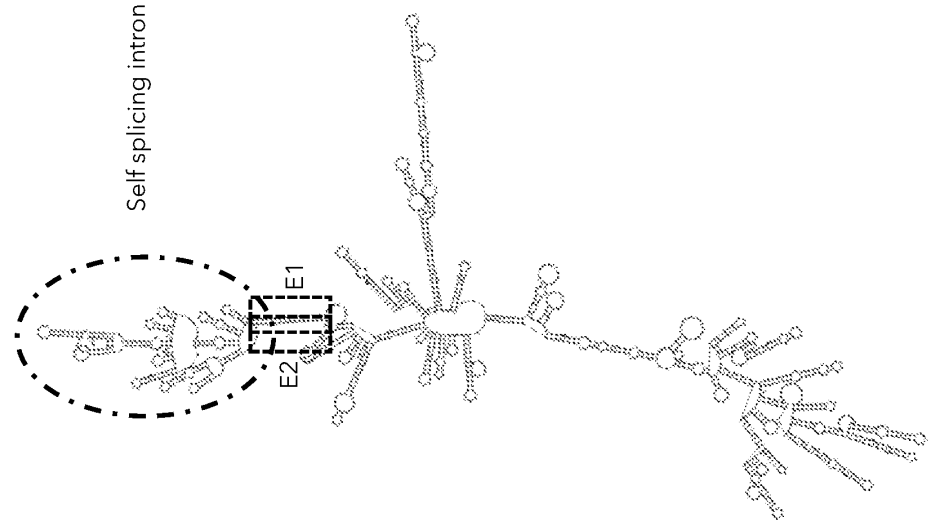


FIG. 17B

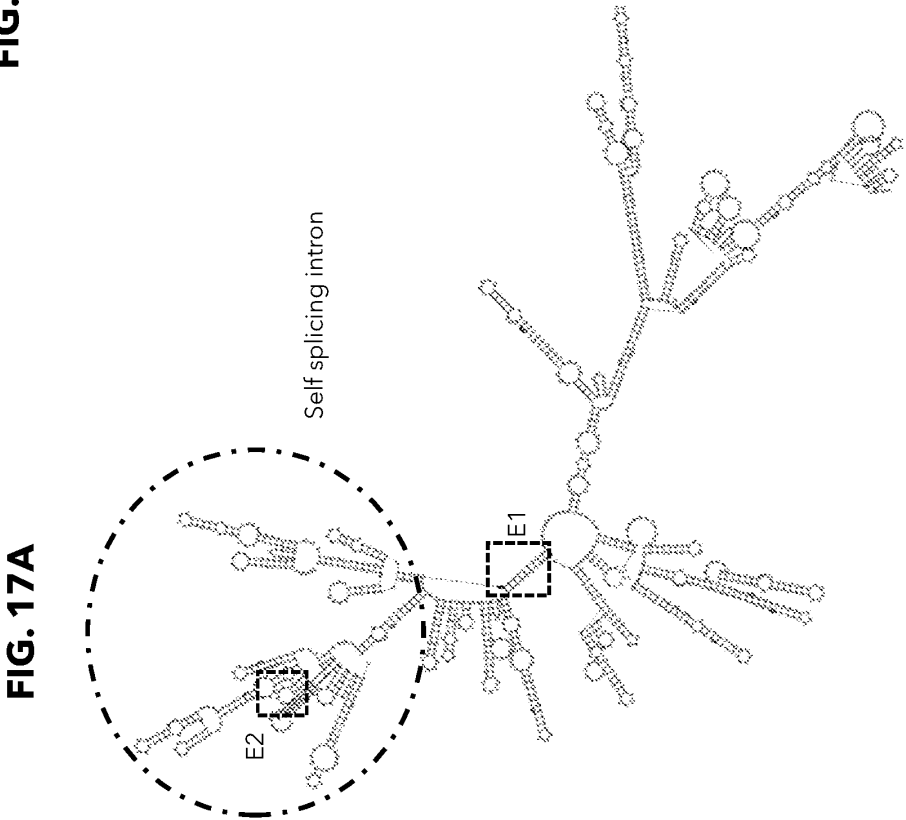


FIG. 17A

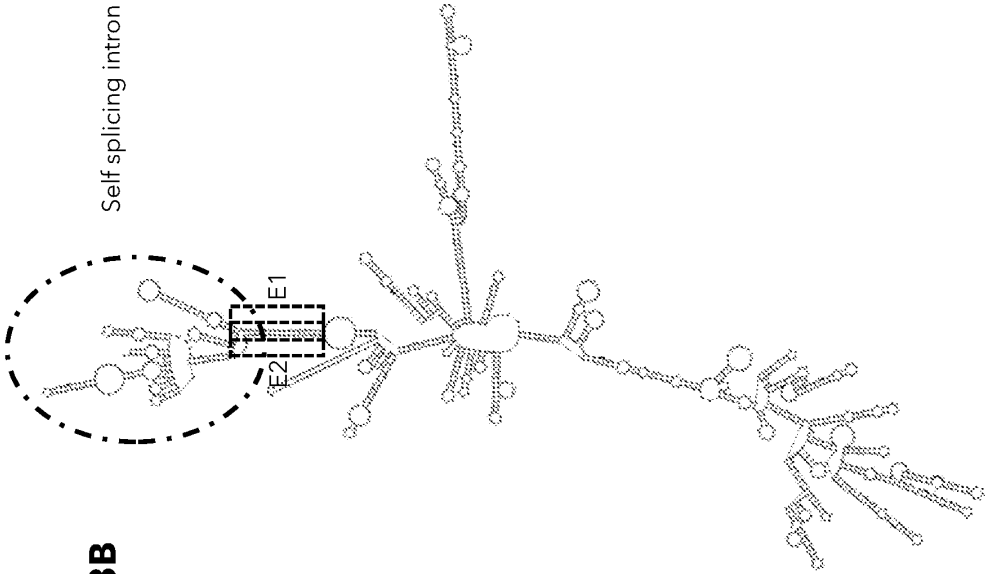


FIG. 18B

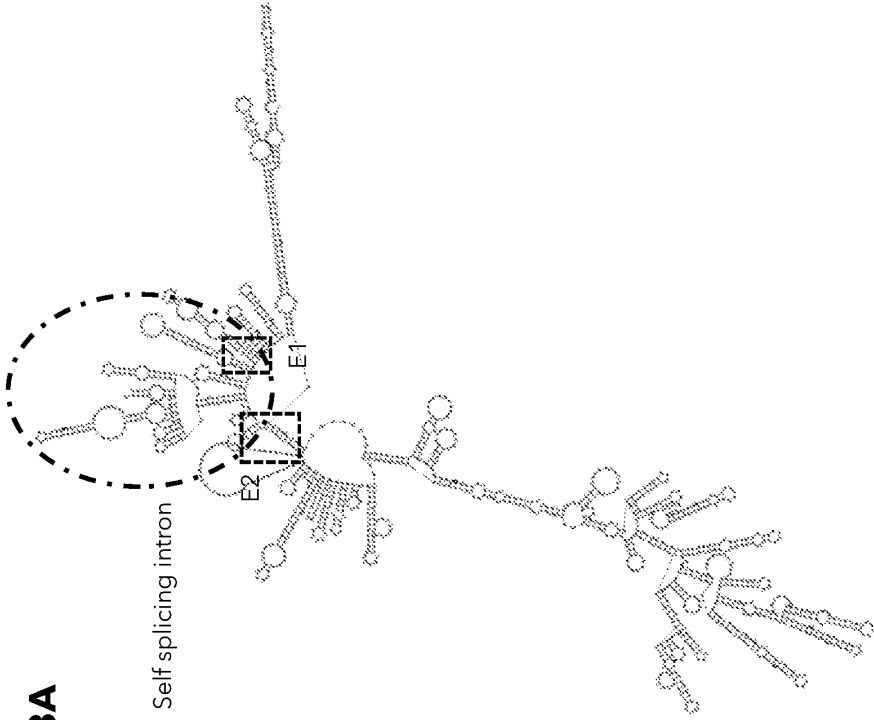


FIG. 18A

FIG. 19

Organism	Modification	Original	Extended
Synechococcus elongatus	Synechococcus 1 TCCGCTG ACTGTAAAGG Synechococcus 2 TCCGCTG <u>CCGTC</u> TACCGT	7nts	17nts
Anabaena azollae	Anabaena azollae 1 TCCGTT GACTGTAAAA Anabaena azollae 2 TCCGT <u>AGCGTC</u> TACCA	5nts	17nts
Anabaena cylindrica	Anabaena cylindrica 1 TCCGTT GACCTTAAACG Anabaena cylindrica 2 TCCGT <u>AGCGTC</u> TACCA	5nts	17nts
Scytonema hofmanni	Scytonema 1 CCCGA AGGTCAGTGTT Scytonema 2 CCCGA <u>CGAGCT</u> ACCAGG	5nts	17nts

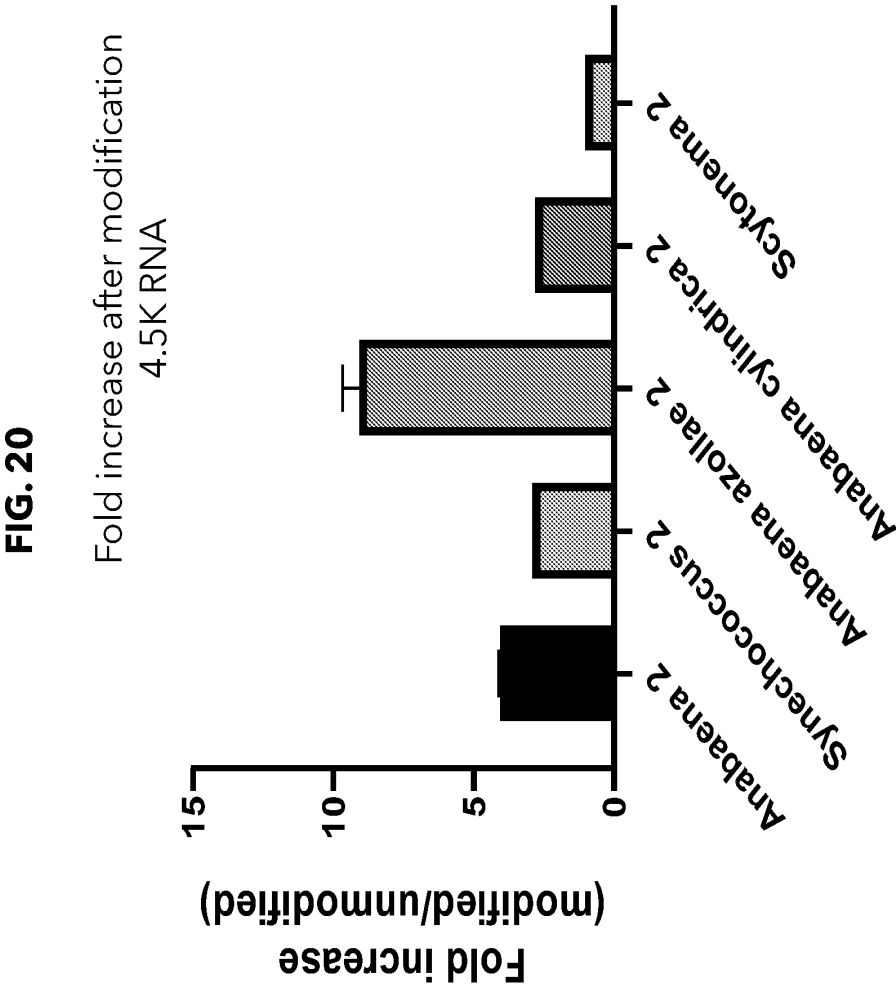


FIG. 21B

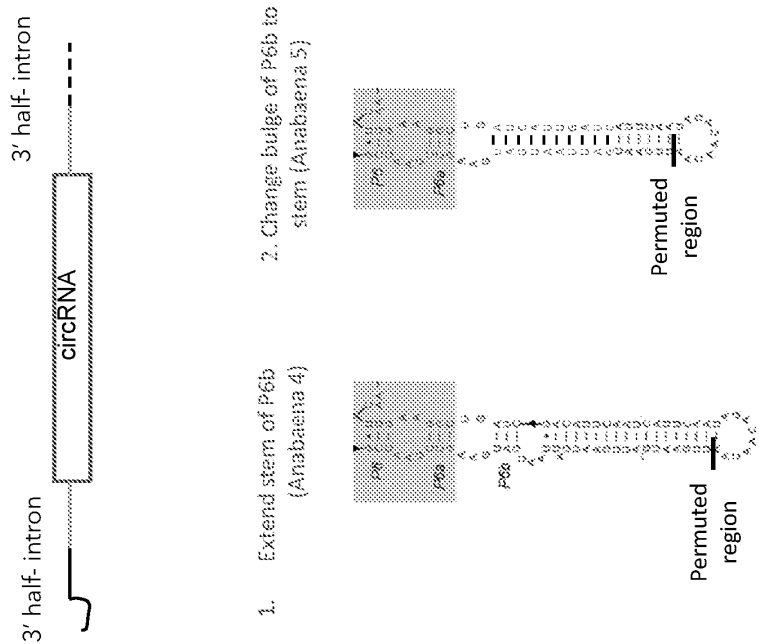


FIG. 21A

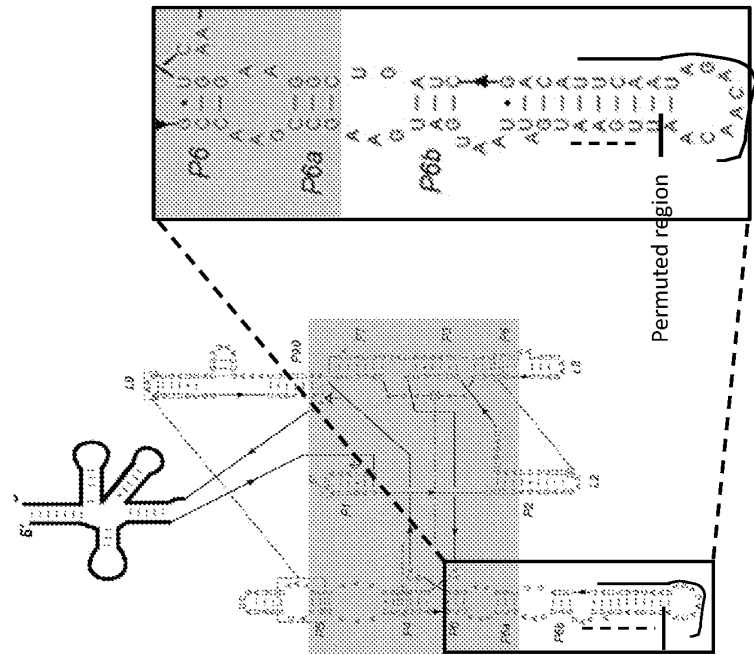


FIG. 22

