FIG. 1A

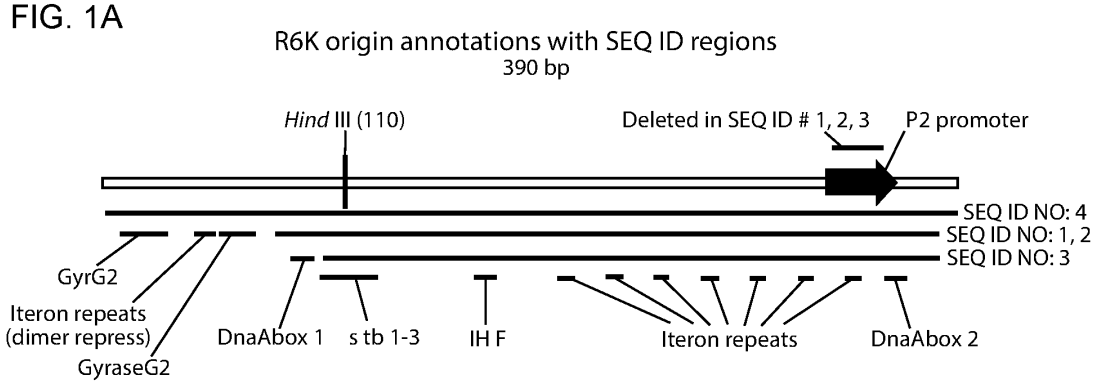


FIG. 1B

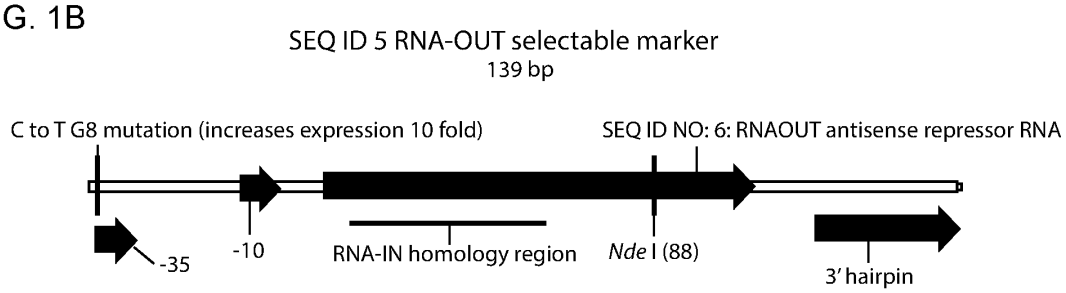


FIG. 1C

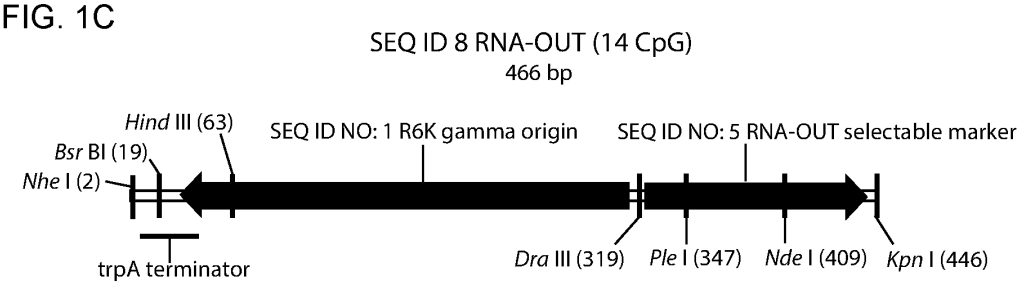


FIG. 1D

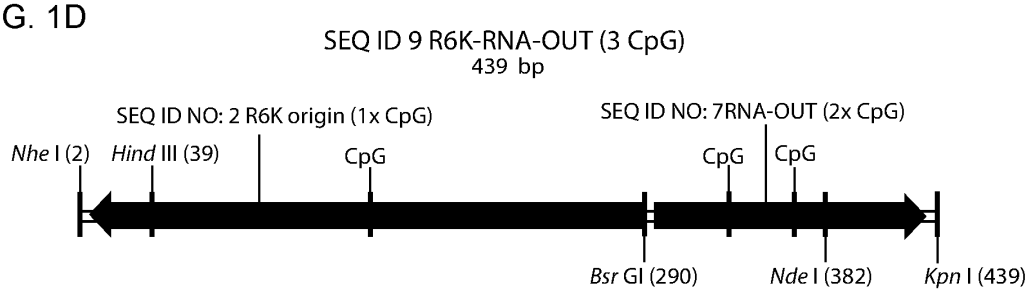
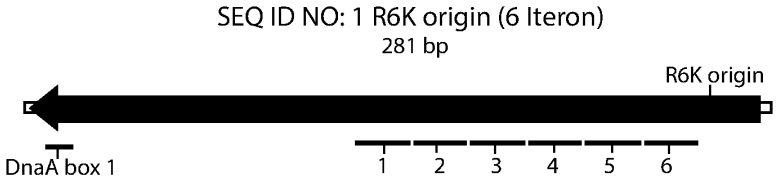


FIG. 1E



Iteron 1: AAACATGAGAGCTTAGTACGTG SEQ ID NO: 19

Iteron 2: AAACATGAGAGCTTAGTACGTT SEQ ID NO: 20

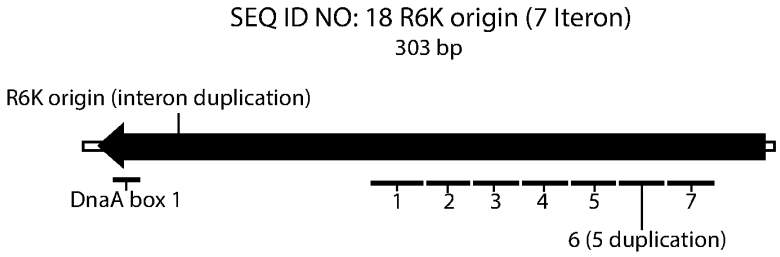
Iteron 3: AGCCATGAGAGCTTAGTACGTT SEQ ID NO: 21

Iteron 4: AGCCATGAGGGTTTAGTTCGTT SEQ ID NO: 22

Iteron 5: AAACATGAGAGCTTAGTACGTT SEQ ID NO: 20

Iteron 6: AAACATGAGAGCTTAGTACGTA SEQ ID NO: 23

FIG. 1F



Iteron 1: AAACATGAGAGCTTAGTACGTG SEQ ID NO: 19

Iteron 2: AAACATGAGAGCTTAGTACGTT SEQ ID NO: 20

Iteron 3: AGCCATGAGAGCTTAGTACGTT SEQ ID NO: 21

Iteron 4: AGCCATGAGGGTTTAGTTCGTT SEQ ID NO: 22

Iteron 5: AAACATGAGAGCTTAGTACGTT SEQ ID NO: 20

Iteron 6: AAACATGAGAGCTTAGTACGTT SEQ ID NO: 20

Iteron 7: AAACATGAGAGCTTAGTACGTA SEQ ID NO: 23

FIG. 2A

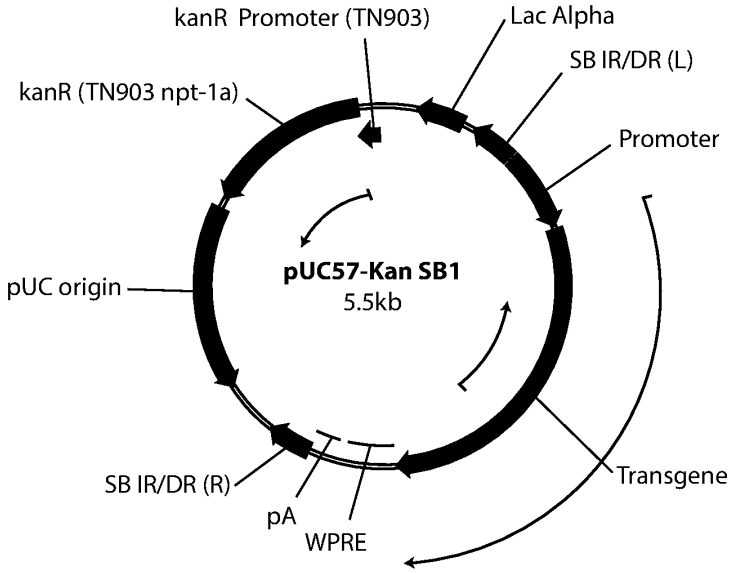

kanR Promoter (TN903)
Lac Alpha
SB IR/DR (L)
kanR (TN903 npt-1a)
Promoter
pUC57-Kan SB1
5.5kb
pUC origin
Transgene
SB IR/DR (R)
pA
WPRE

FIG. 2B

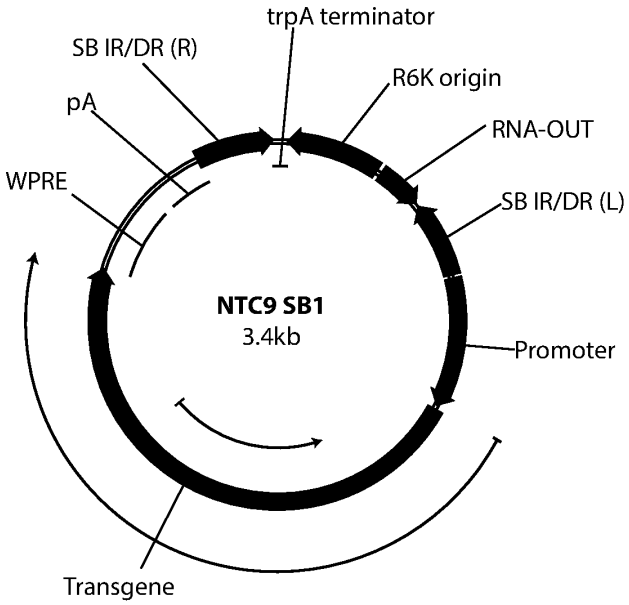

trpA terminator
SB IR/DR (R)
R6K origin
pA
RNA-OUT
WPRE
SB IR/DR (L)
NTC9 SB1
3.4kb
Promoter
Transgene

FIG. 3A

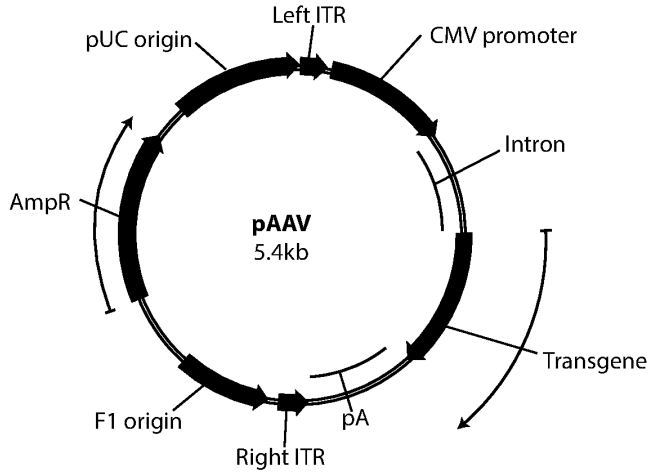


FIG. 3B

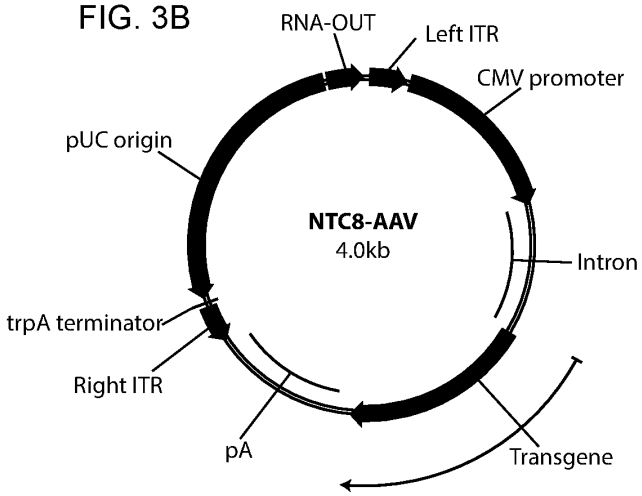


FIG. 3C

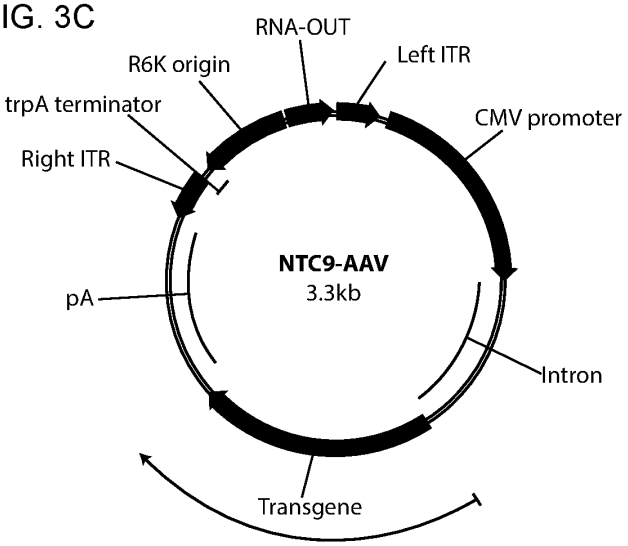


FIG. 4A

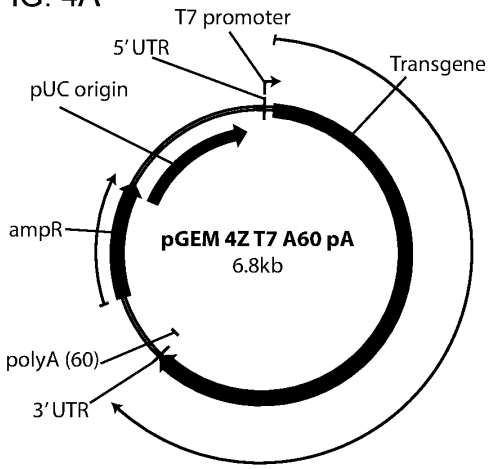


FIG. 4B

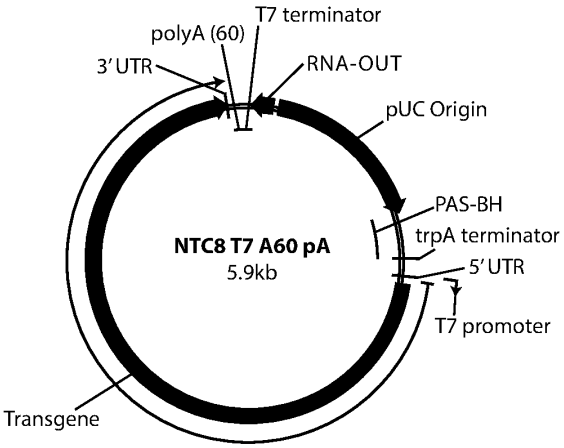


FIG. 4C

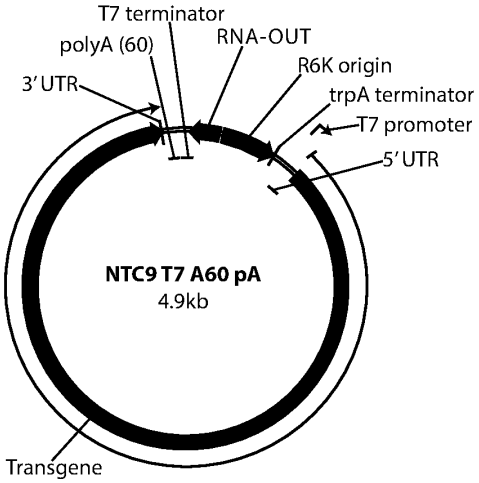


FIG. 4D

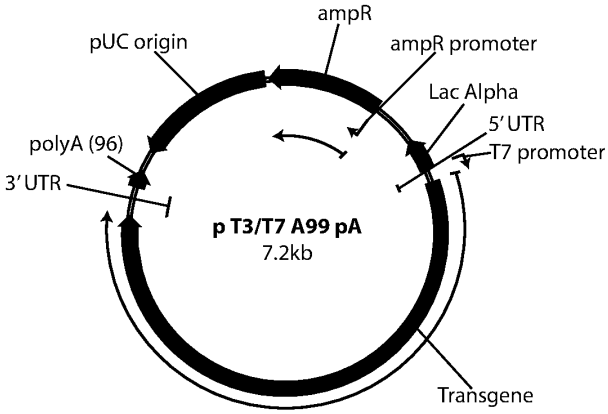


FIG. 4E

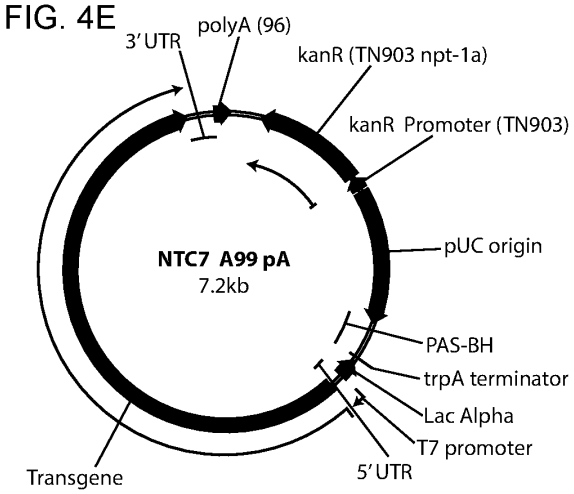


FIG. 4F

