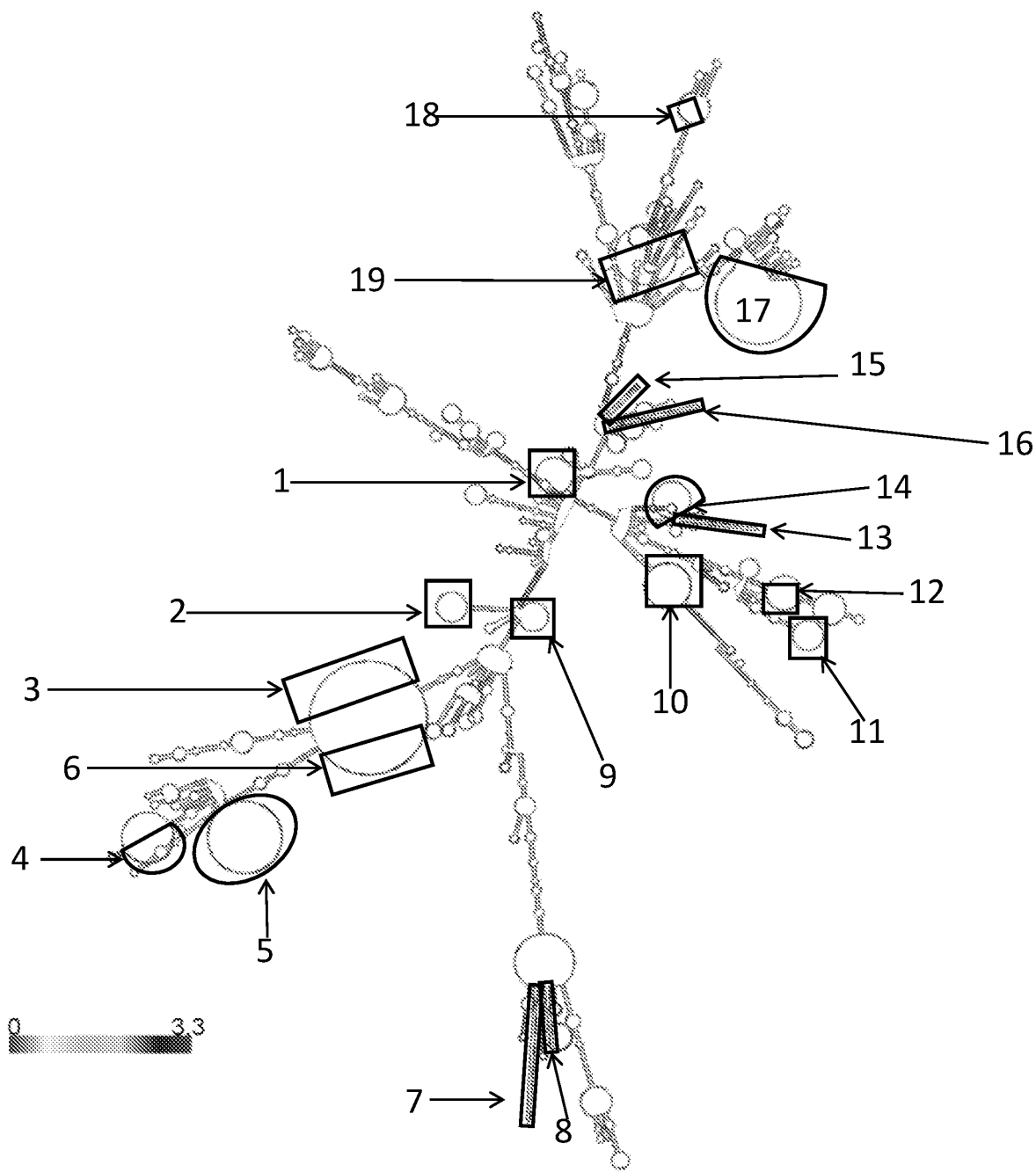


FIG. 1A

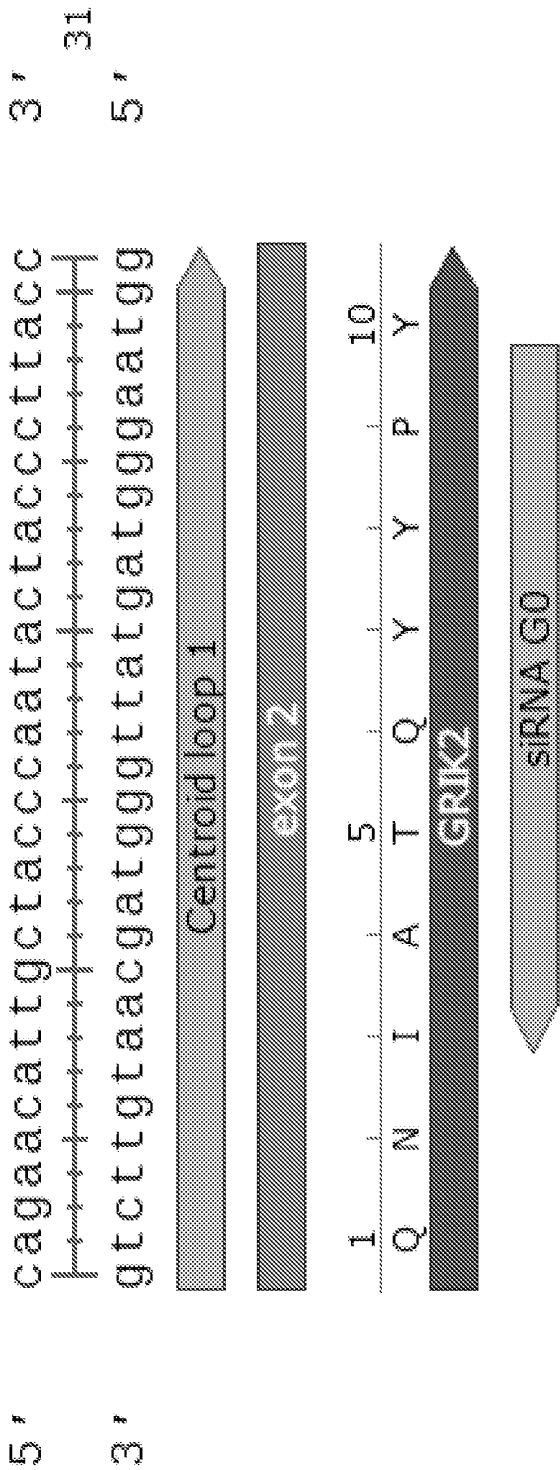


FIG. 1B



The diagram illustrates the GRIK2 gene structure and the locations of various siRNA binding sites. The gene structure includes the 5' UTR, GRIK2 exon 1, and the mature peptide. The siRNA binding sites are indicated by arrows pointing to specific regions of the gene. The siRNA binding sites are: siSPOTR16, siRNA GE, siSPOTR17, siRNA YB, siSPOTR15, siRNA D3, siRNA XZ, siRNA TJ, siRNA CY, siRNA D1, siRNA CX, siRNA TG, siRNA Y0, siSPOTR19, siSPOTR23, siRNA D0, siRNA GF, siRNA TD, siSPOTR20, siSPOTR24, siRNA GH, siRNA TE, siSPOTR21, siRNA TF, siSPOTR22, siSPOTR25, and GRIK2 Exon 1. The mature peptide is shown at the bottom right.

FIG. 1D



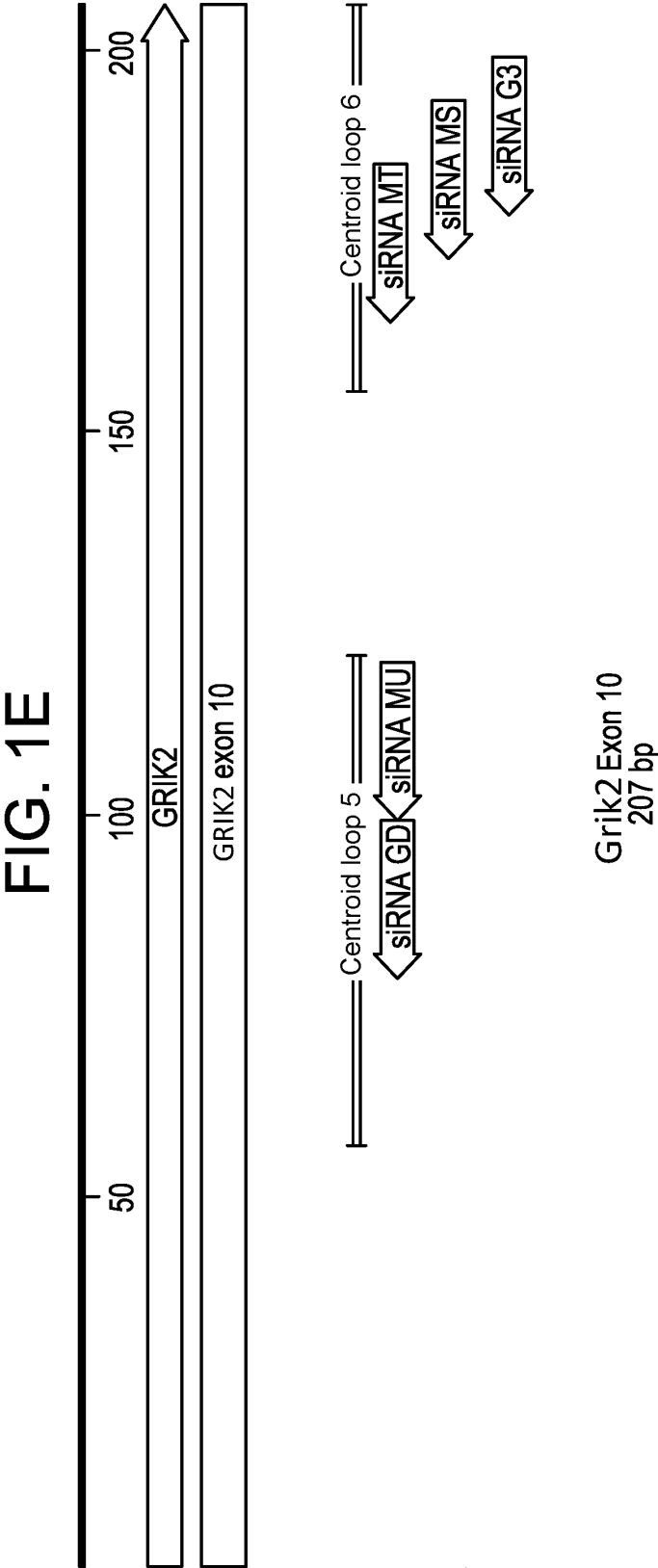


FIG. 1F

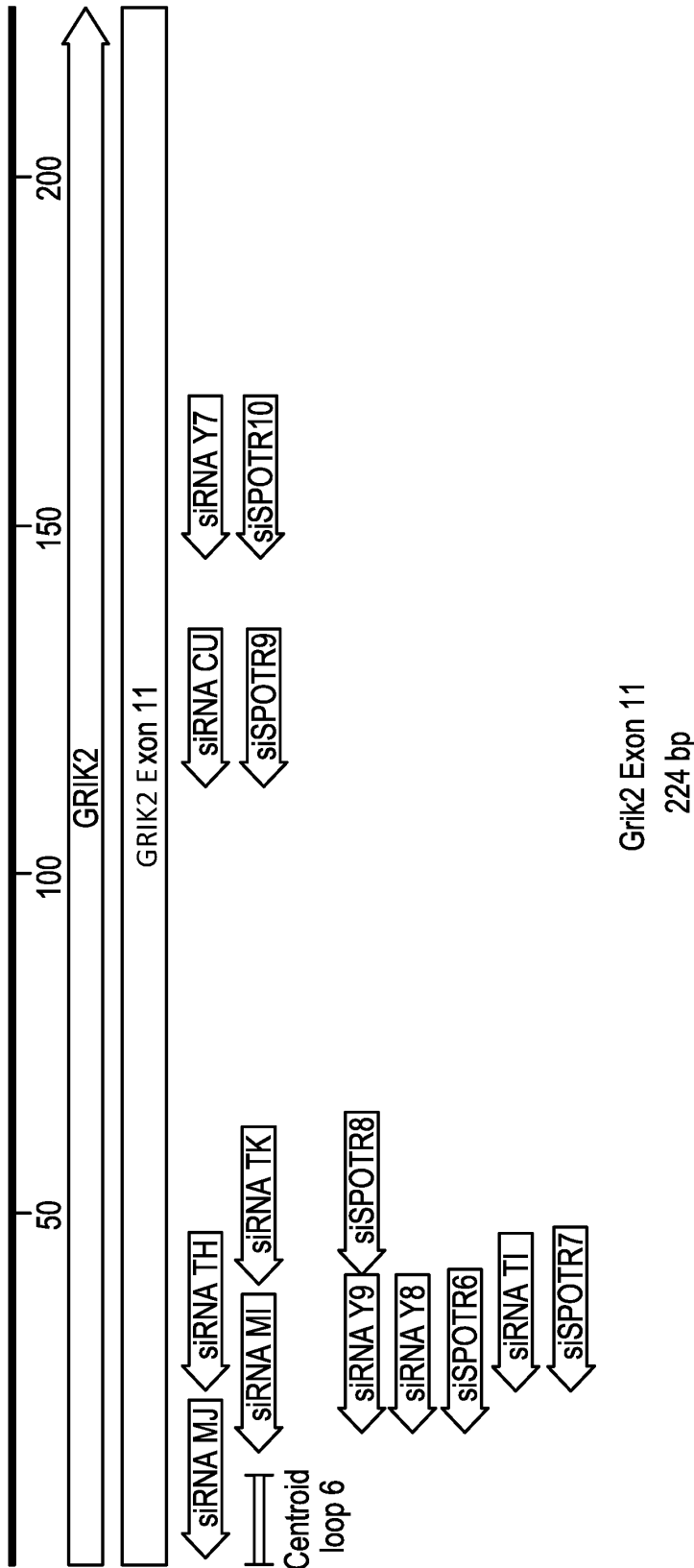


FIG. 1G

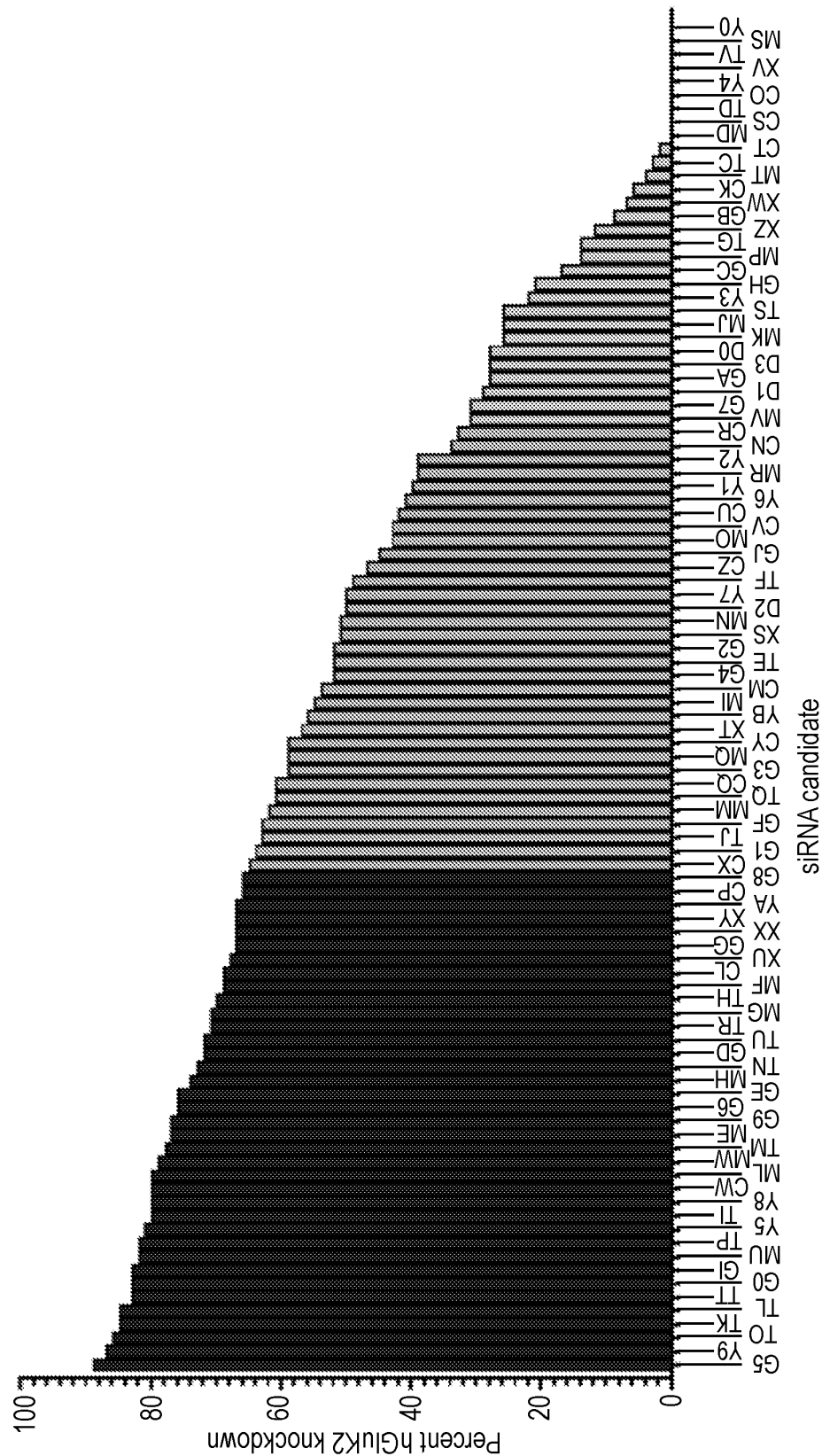


FIG. 1H

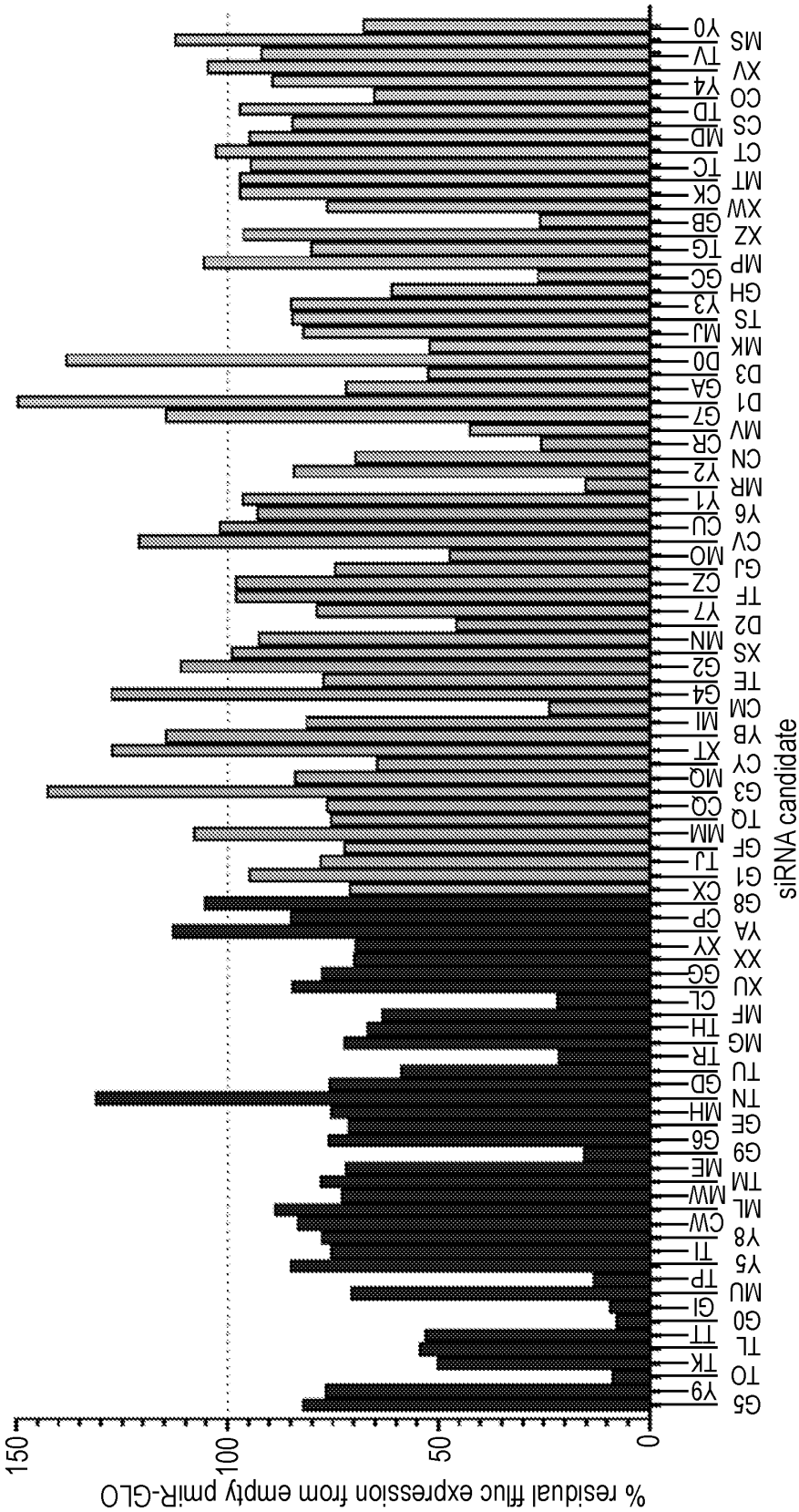


FIG. 1I

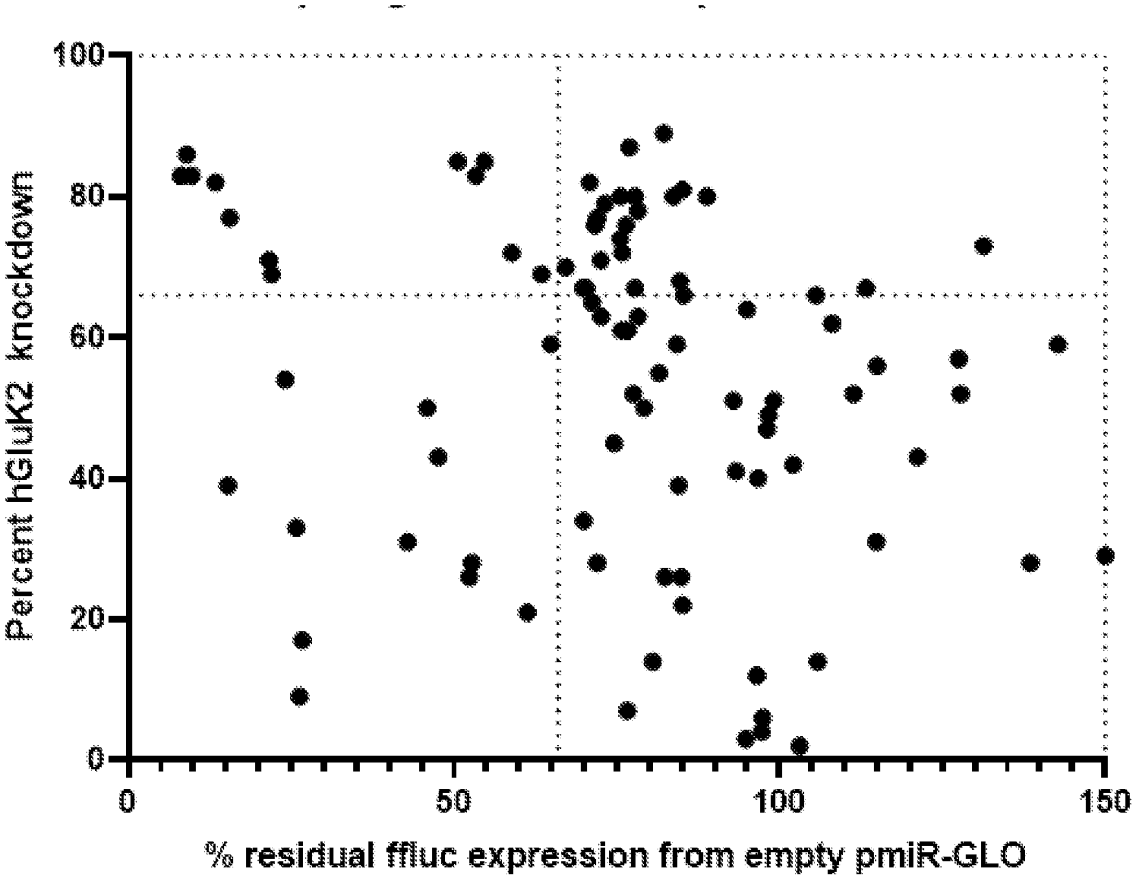


FIG. 1J

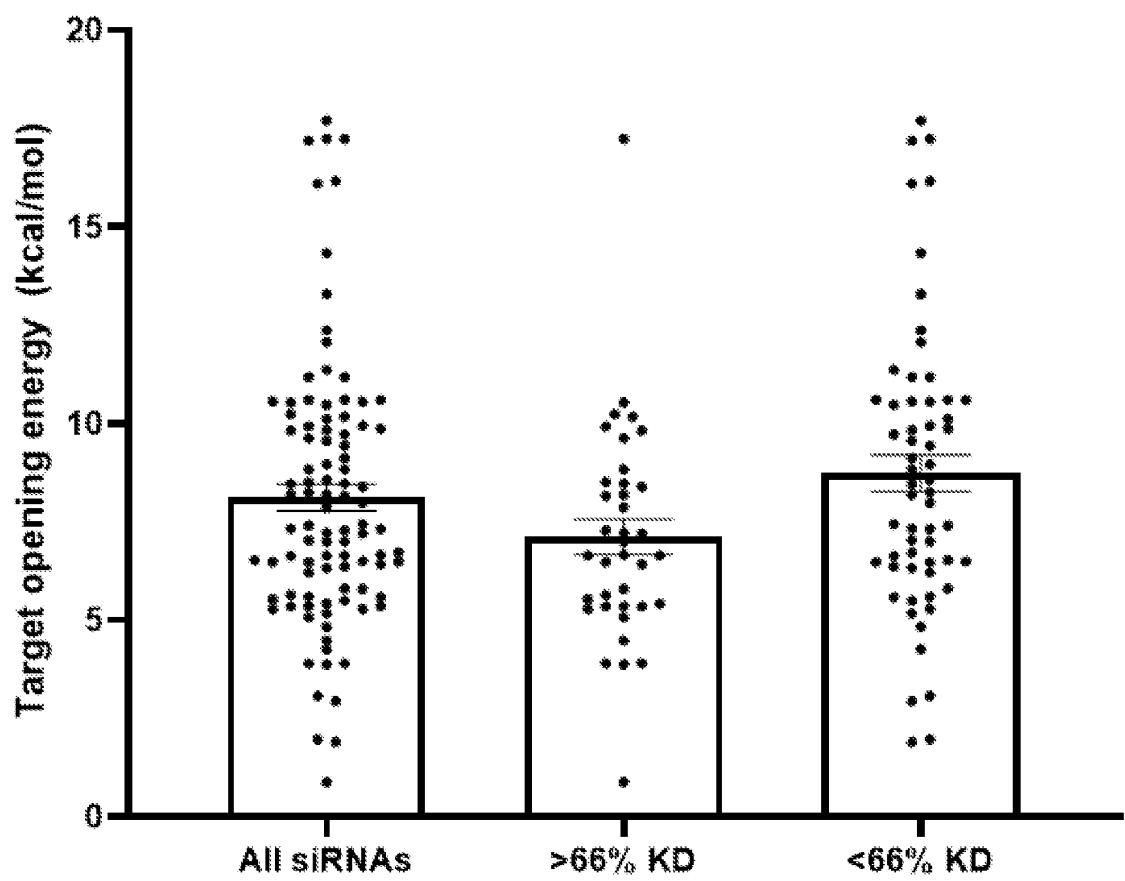


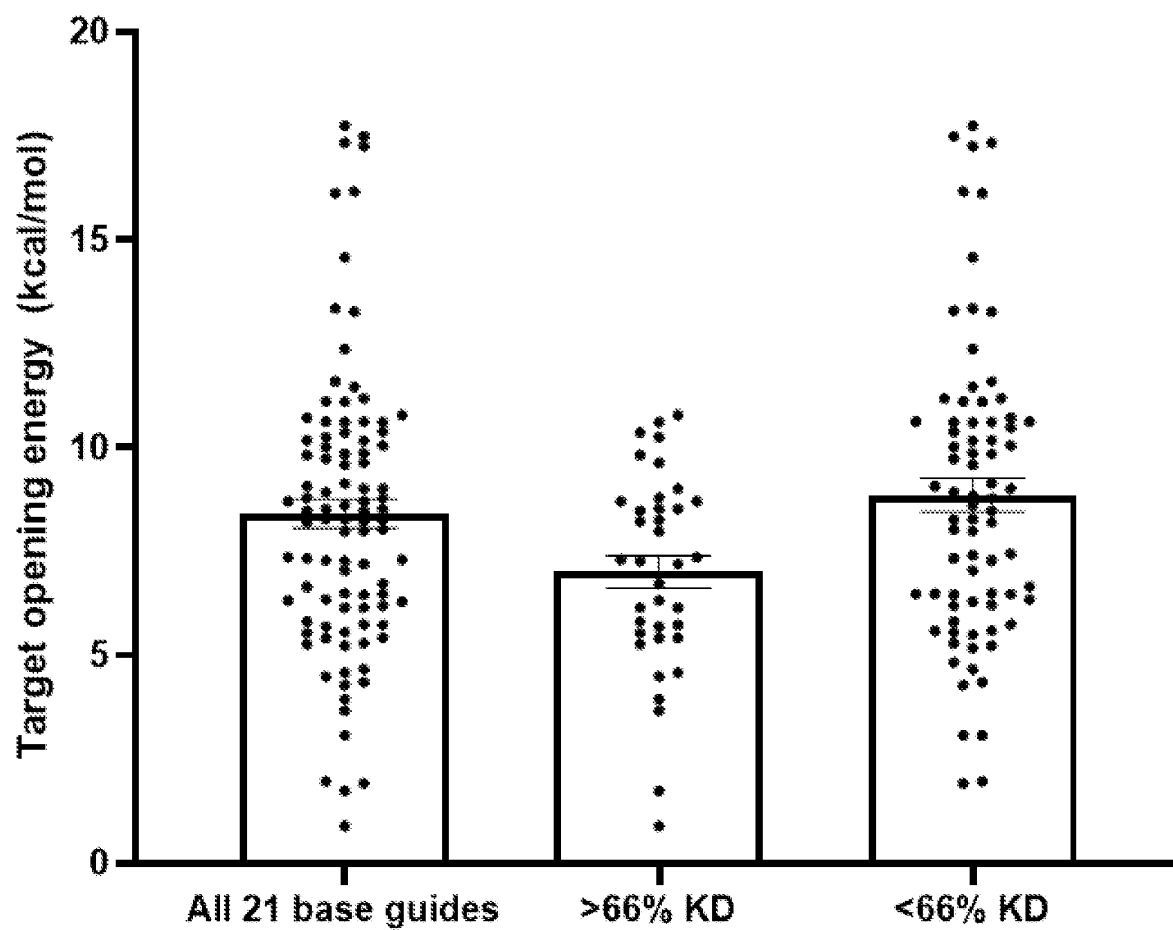
FIG. 1K

FIG. 1L

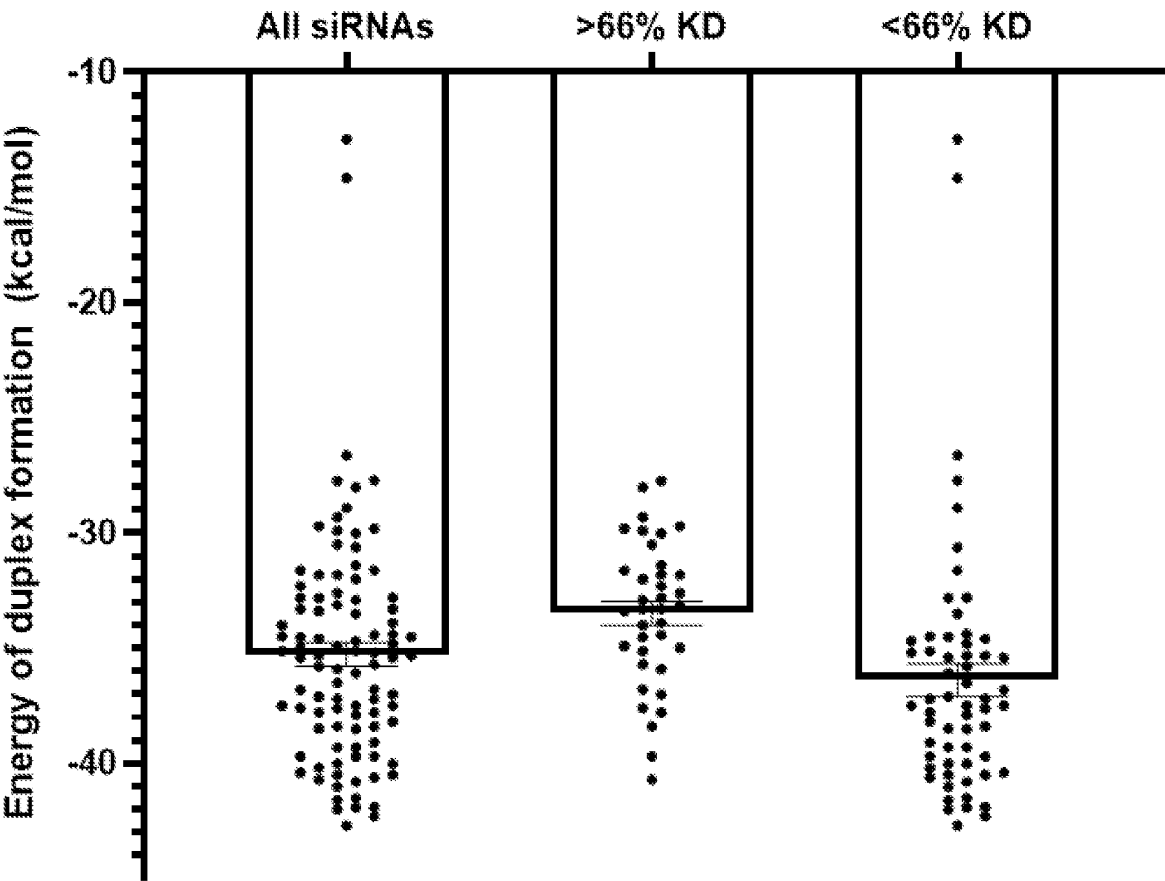


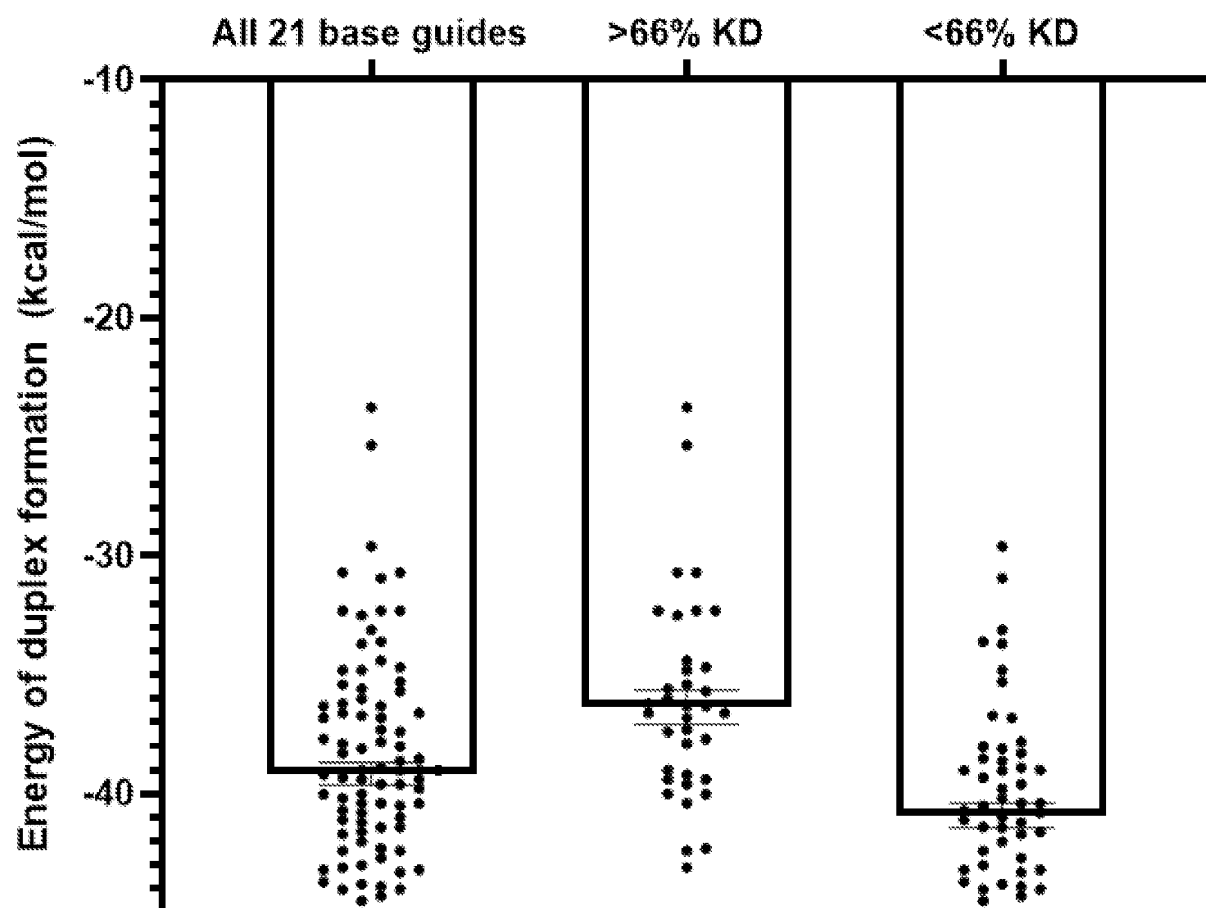
FIG. 1M

FIG. 1N

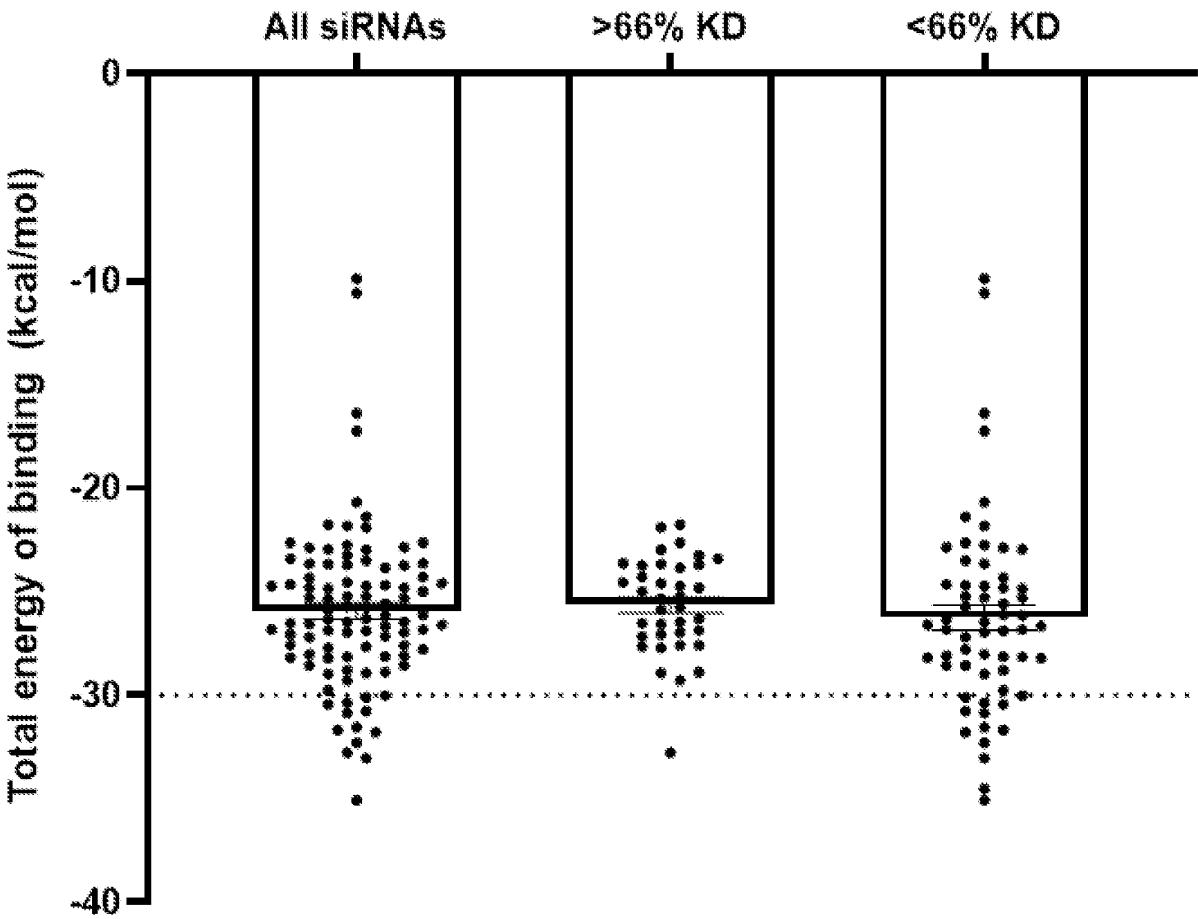


FIG. 10

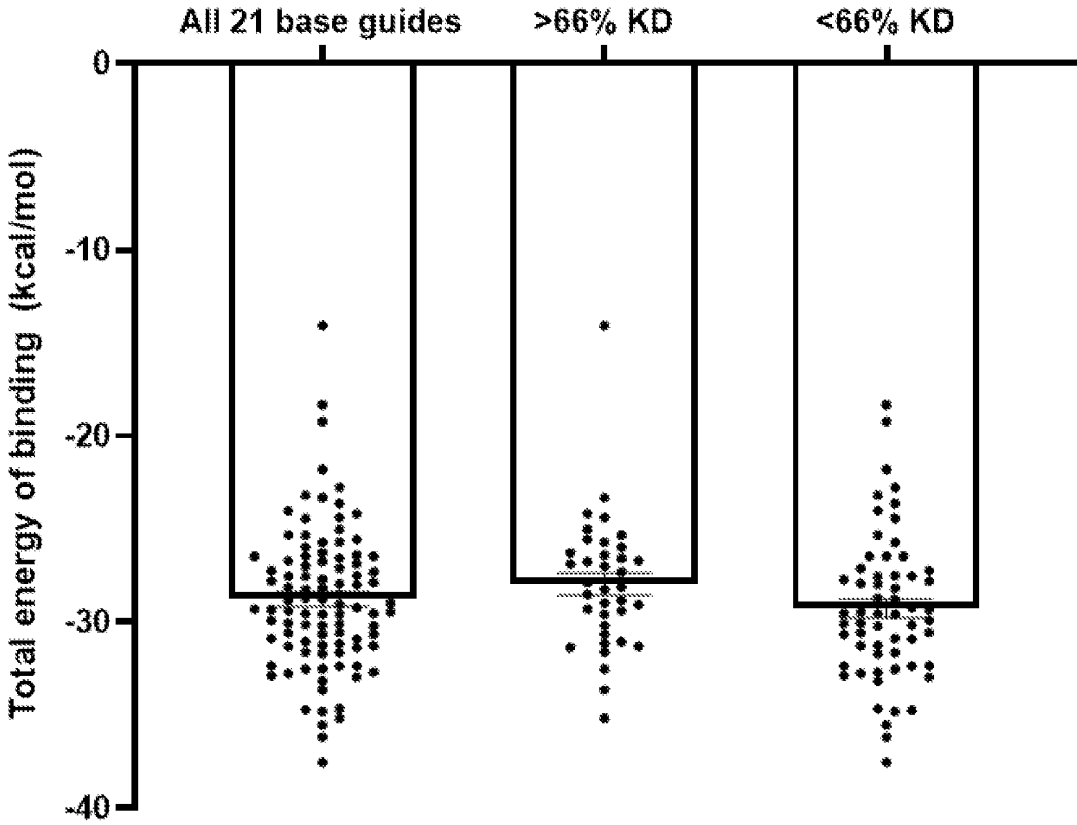


FIG. 1P

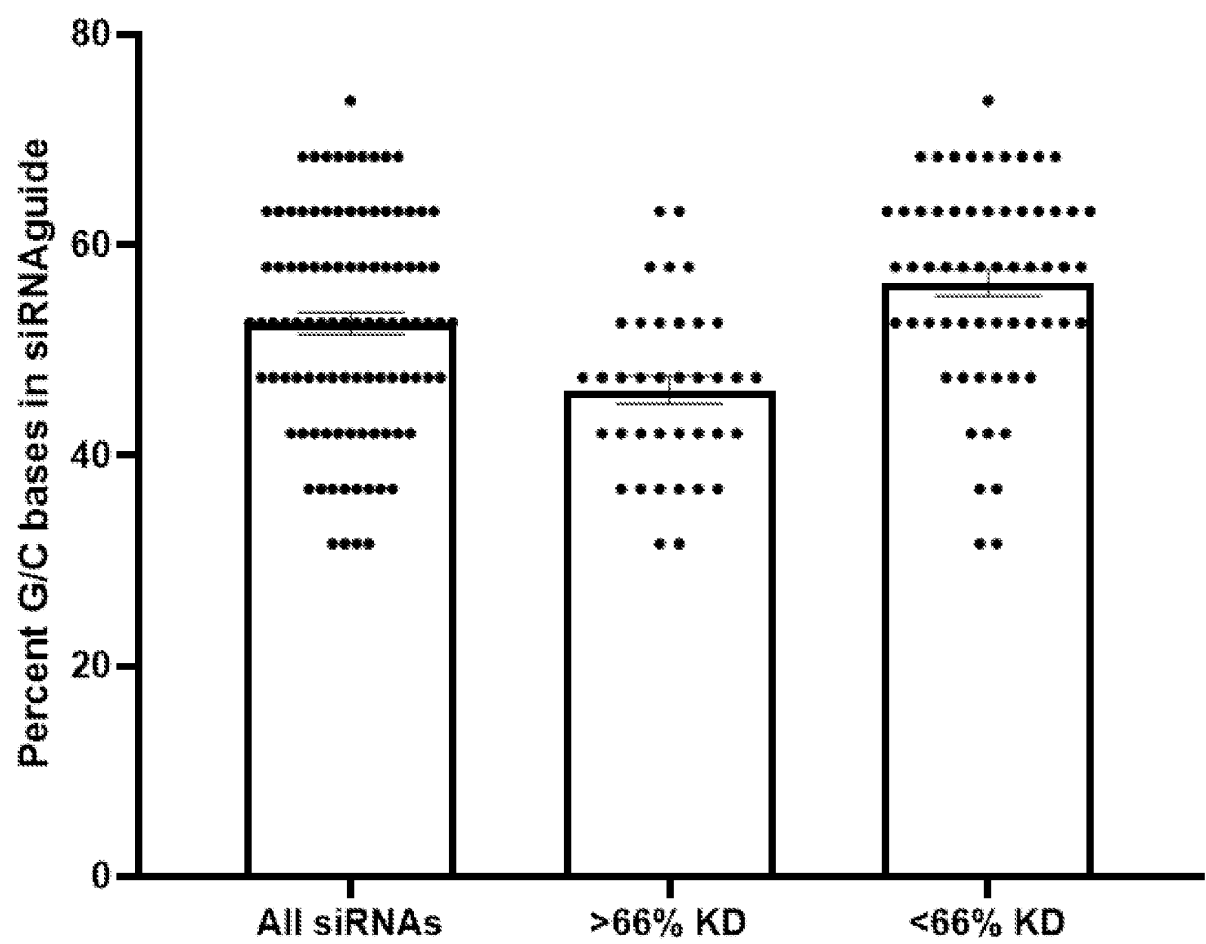


FIG. 1Q

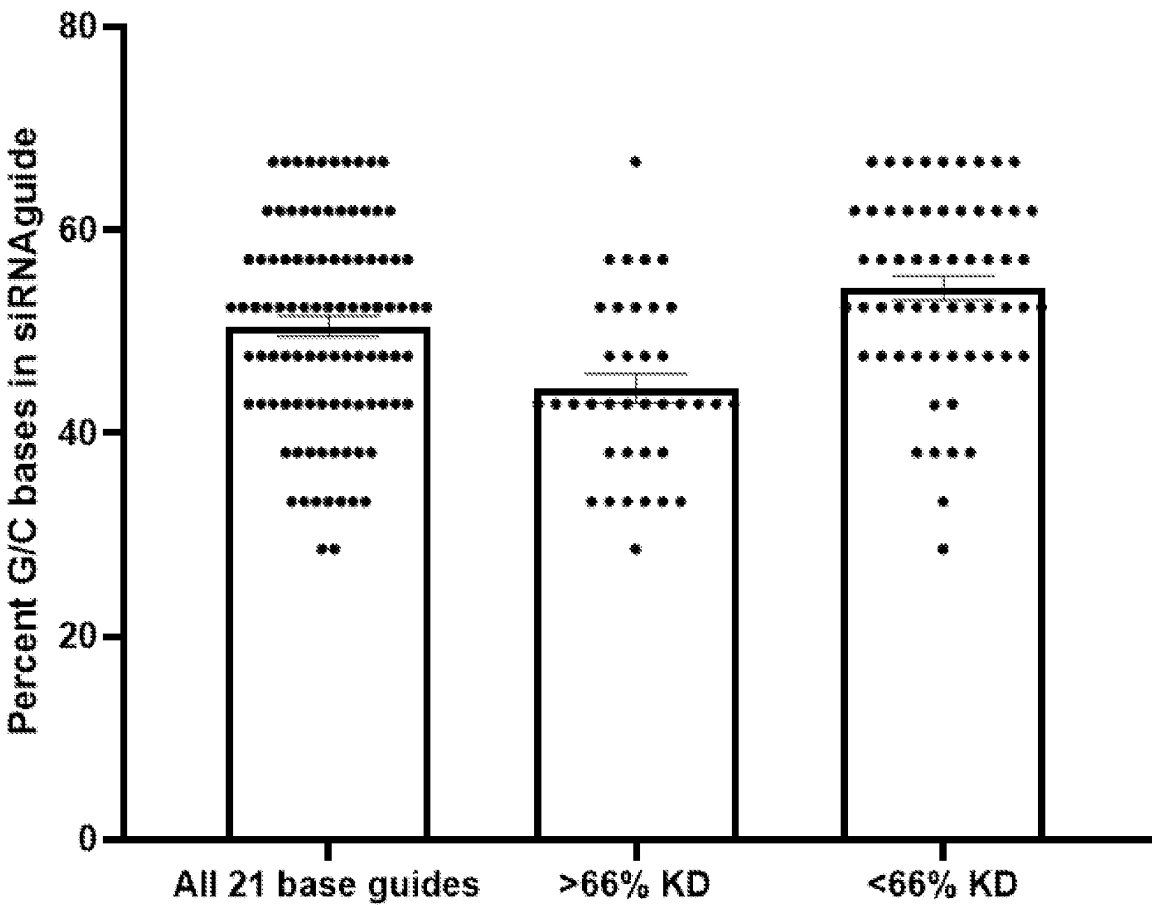


FIG. 2A

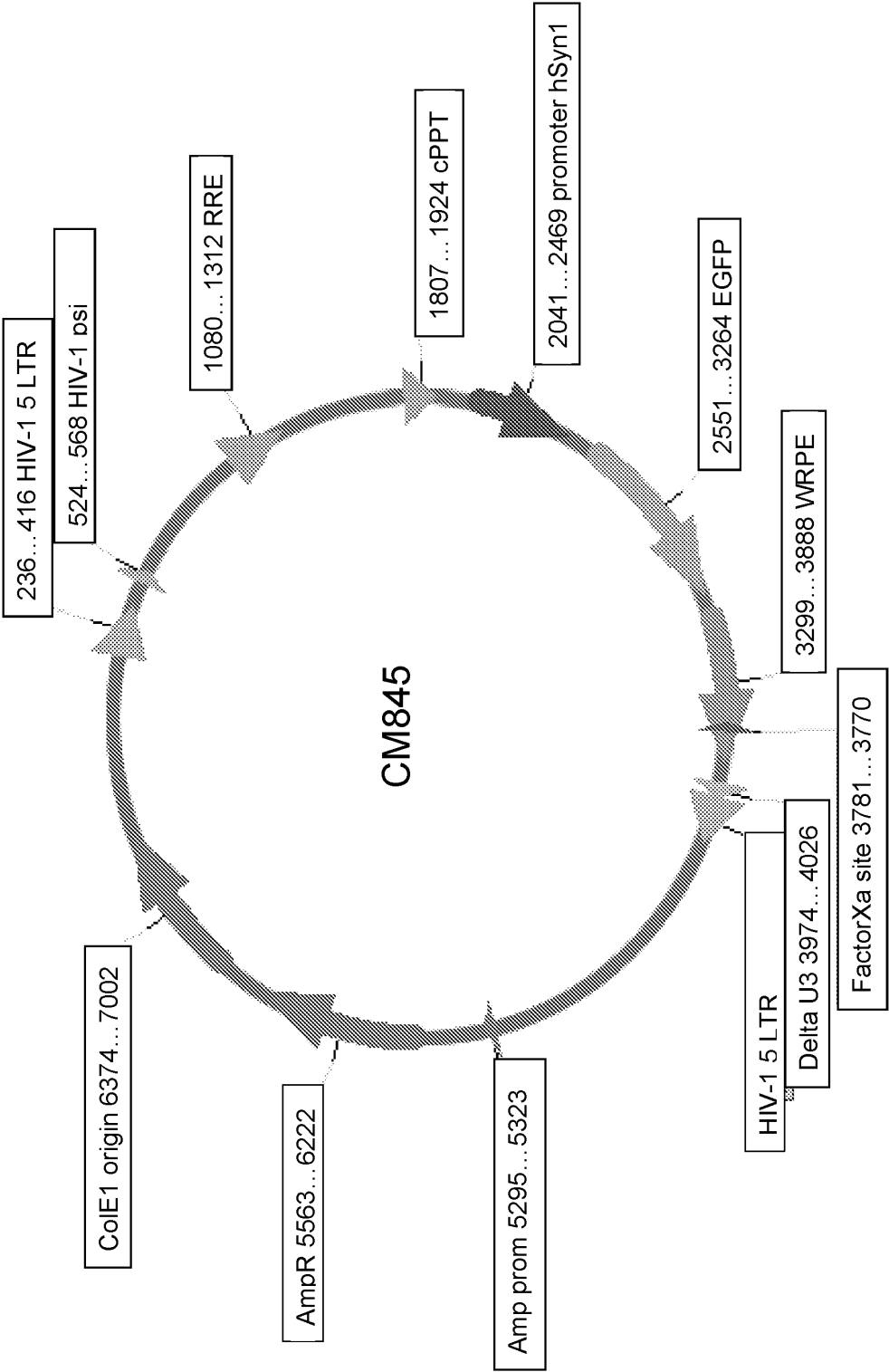


FIG. 2B

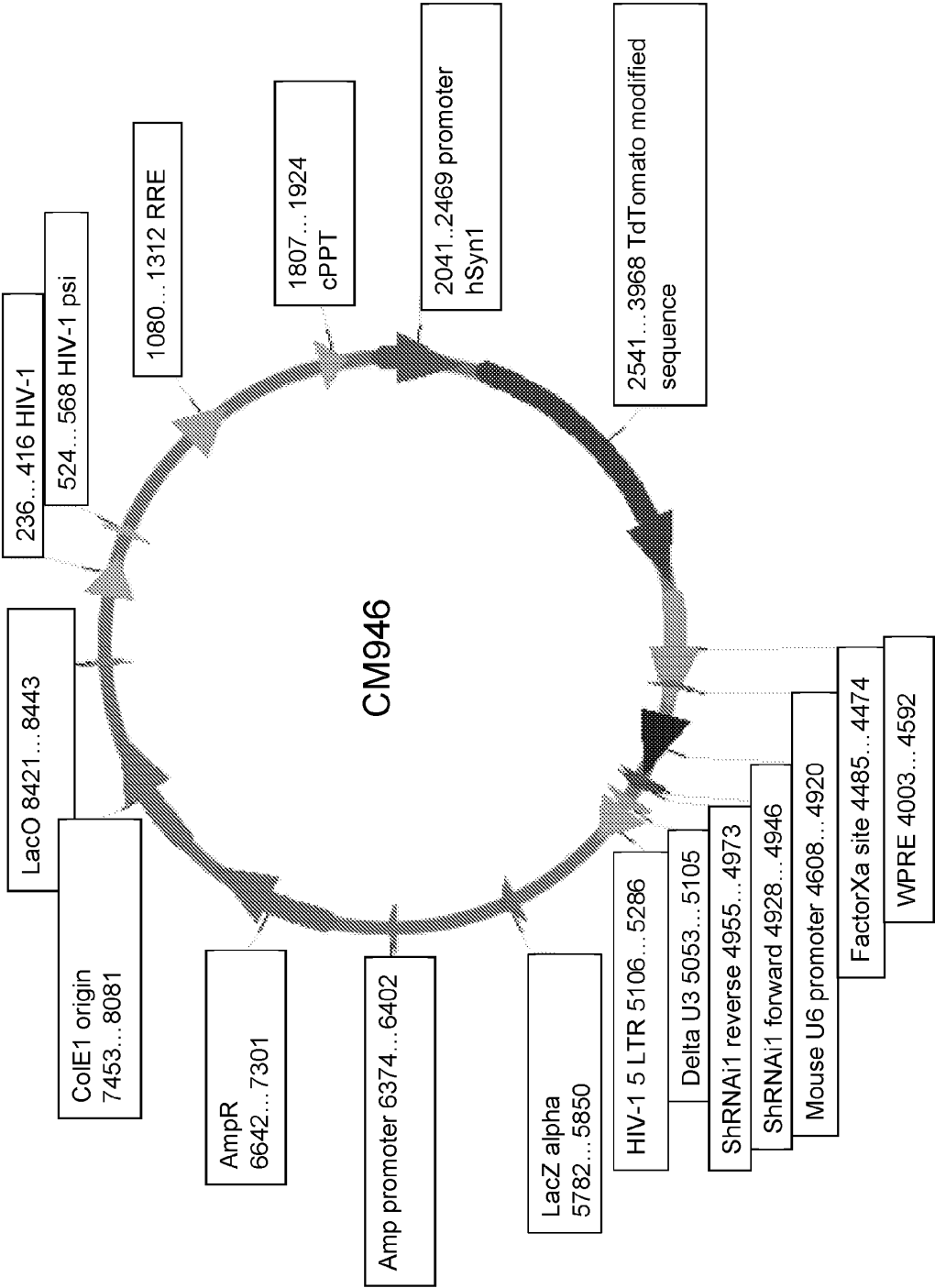


FIG. 2C

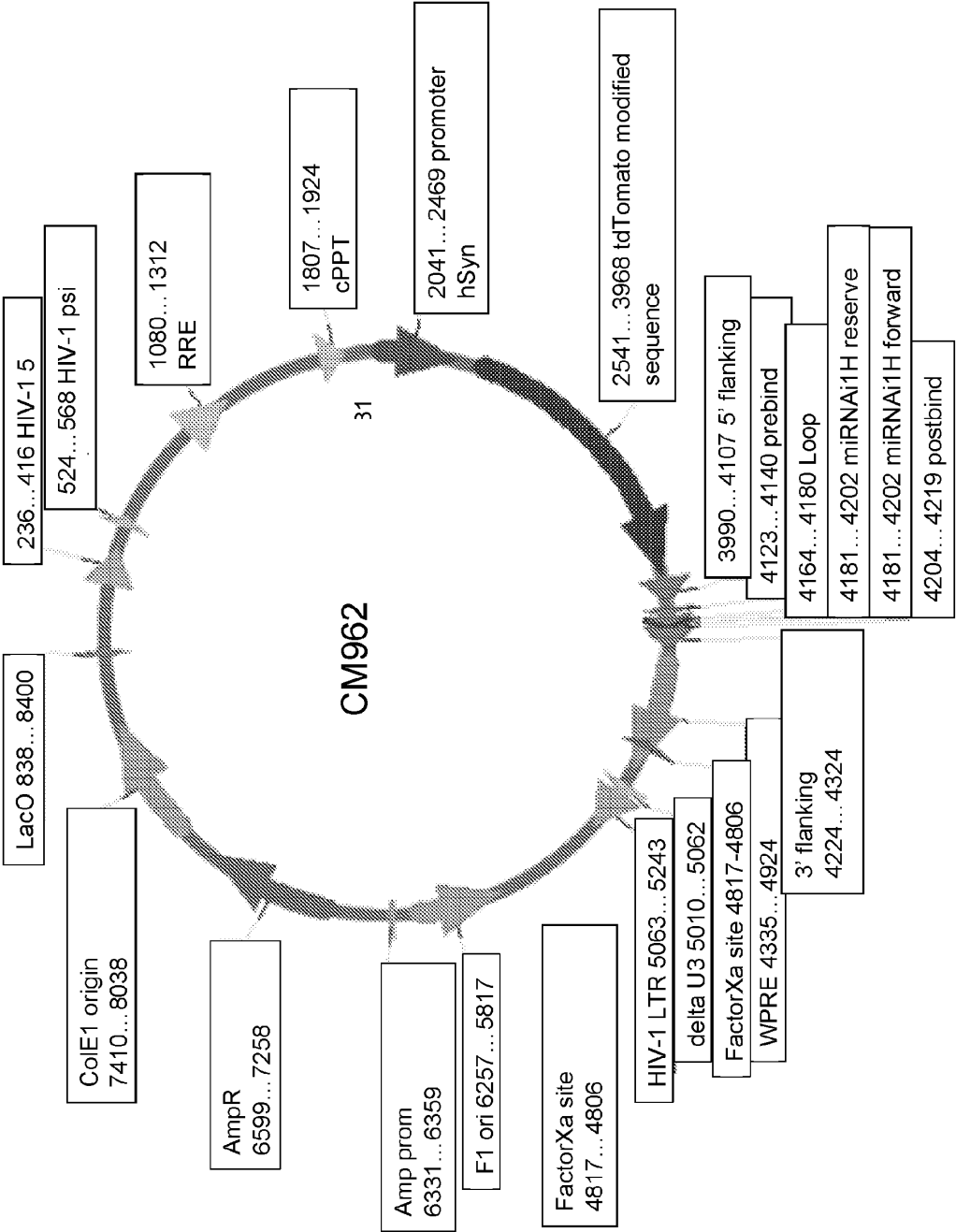


FIG. 2D

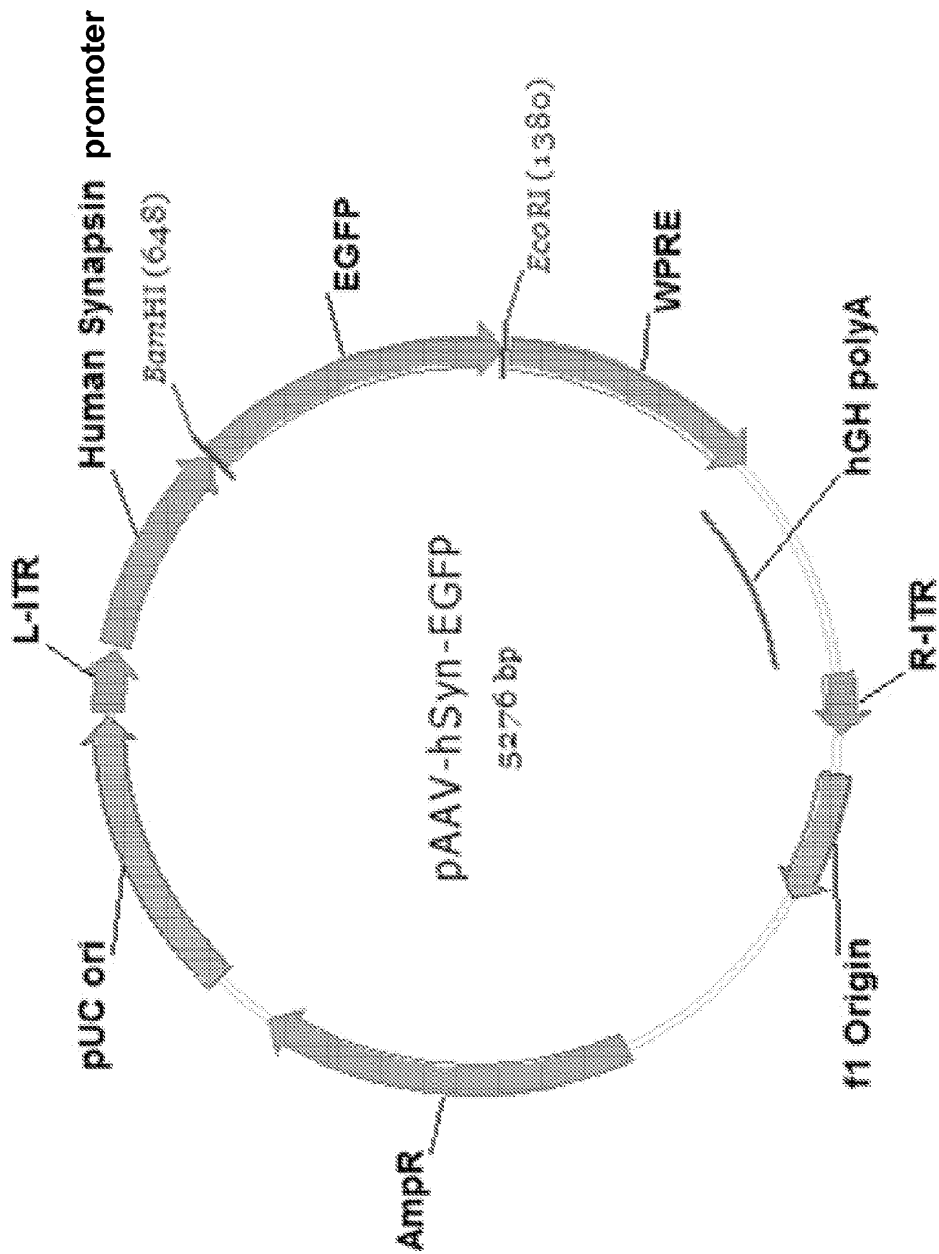


FIG. 2E

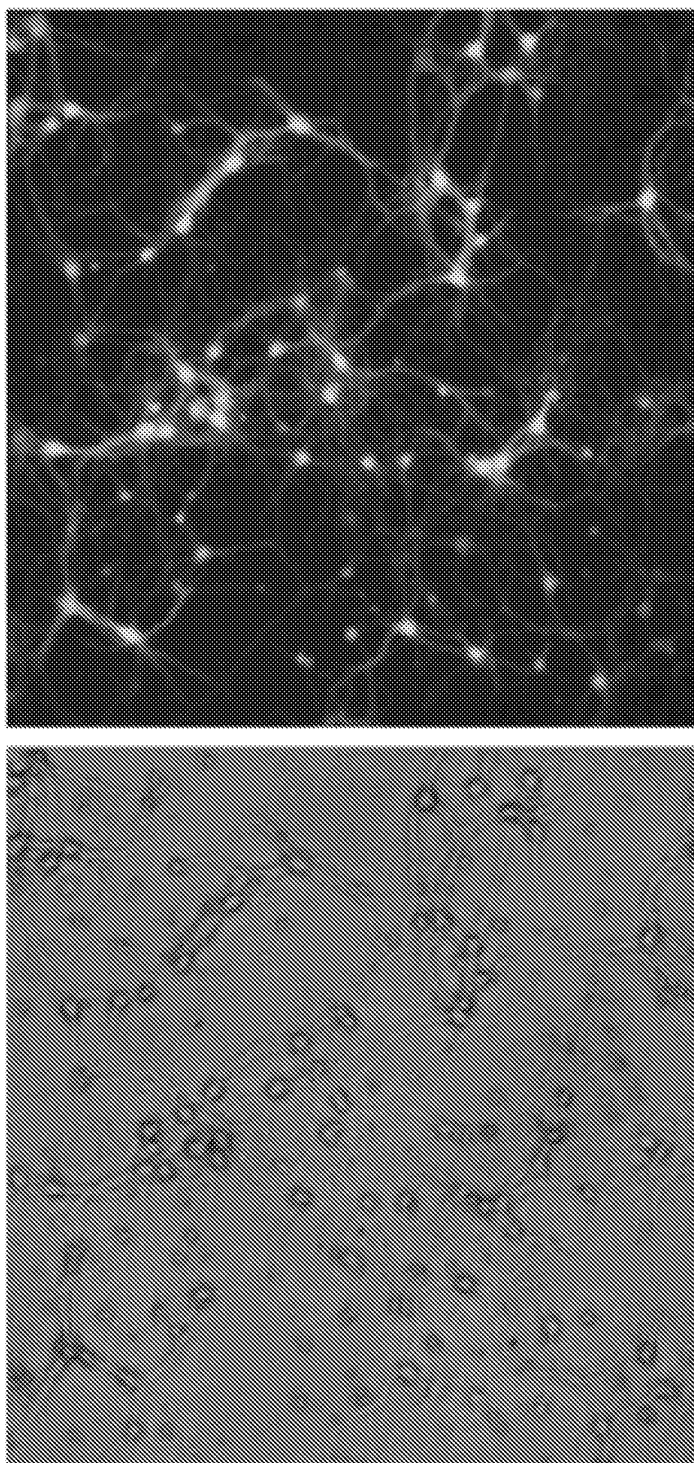


FIG. 2F

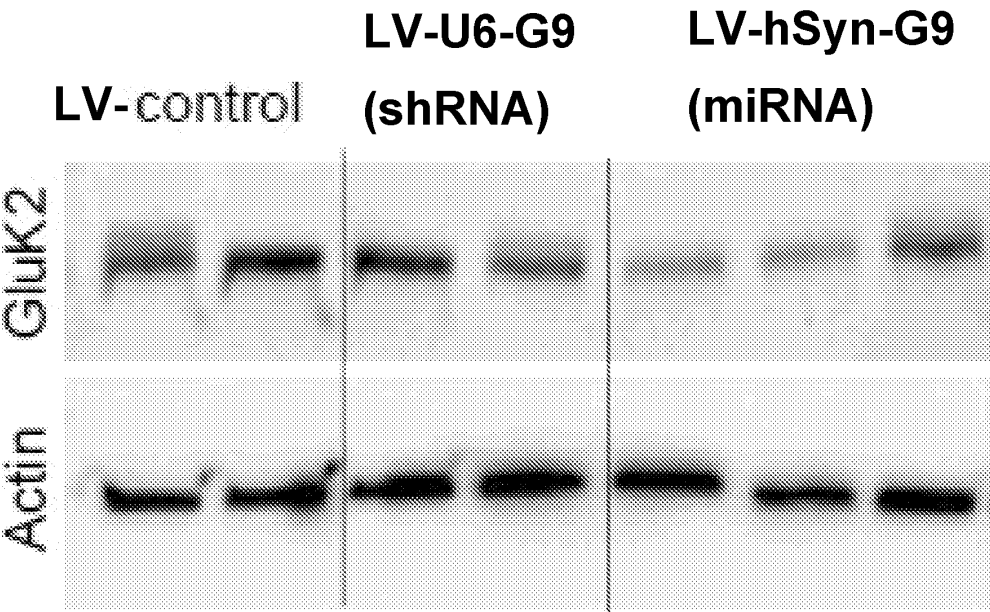


FIG. 2G

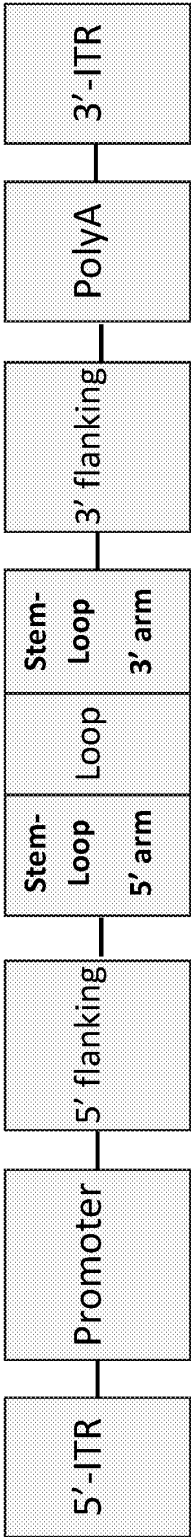


FIG. 2H

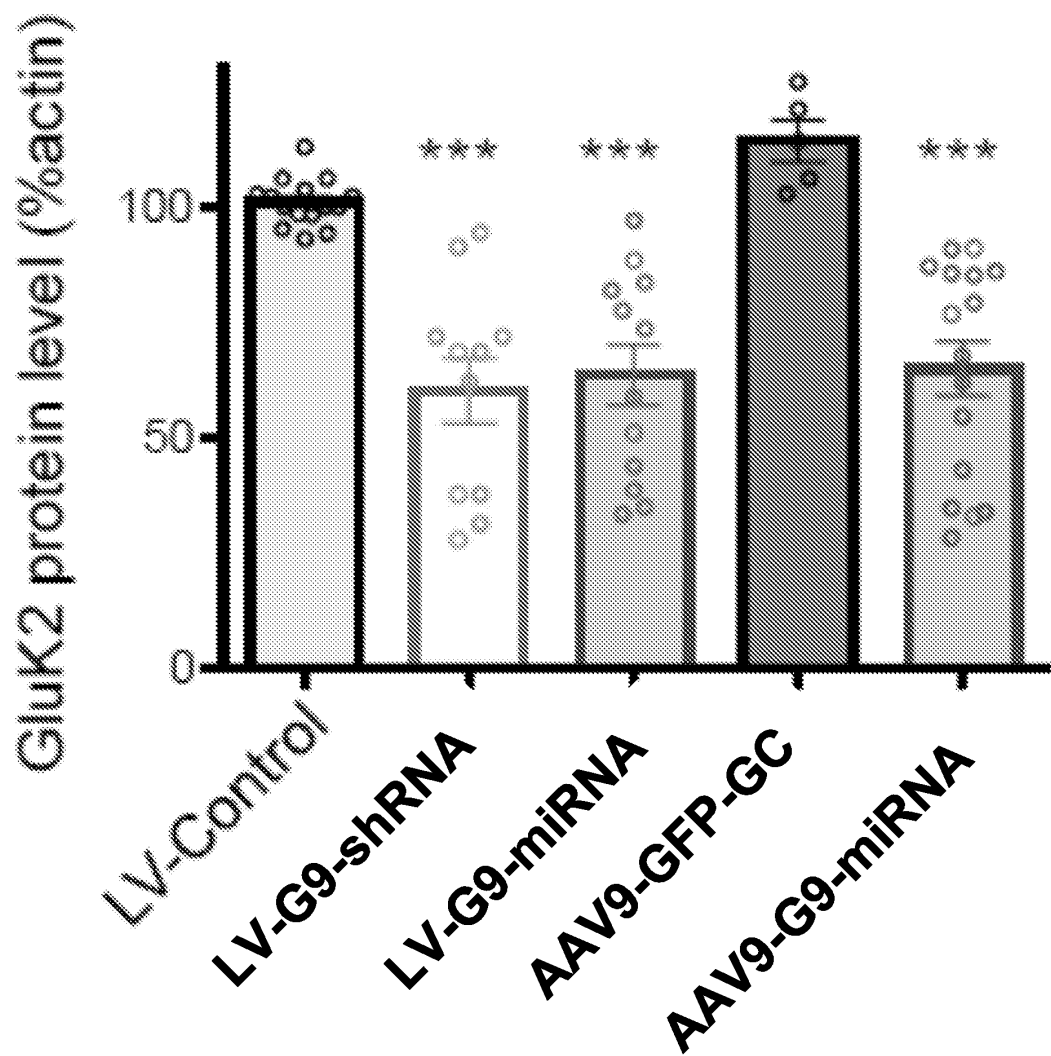


FIG. 2I

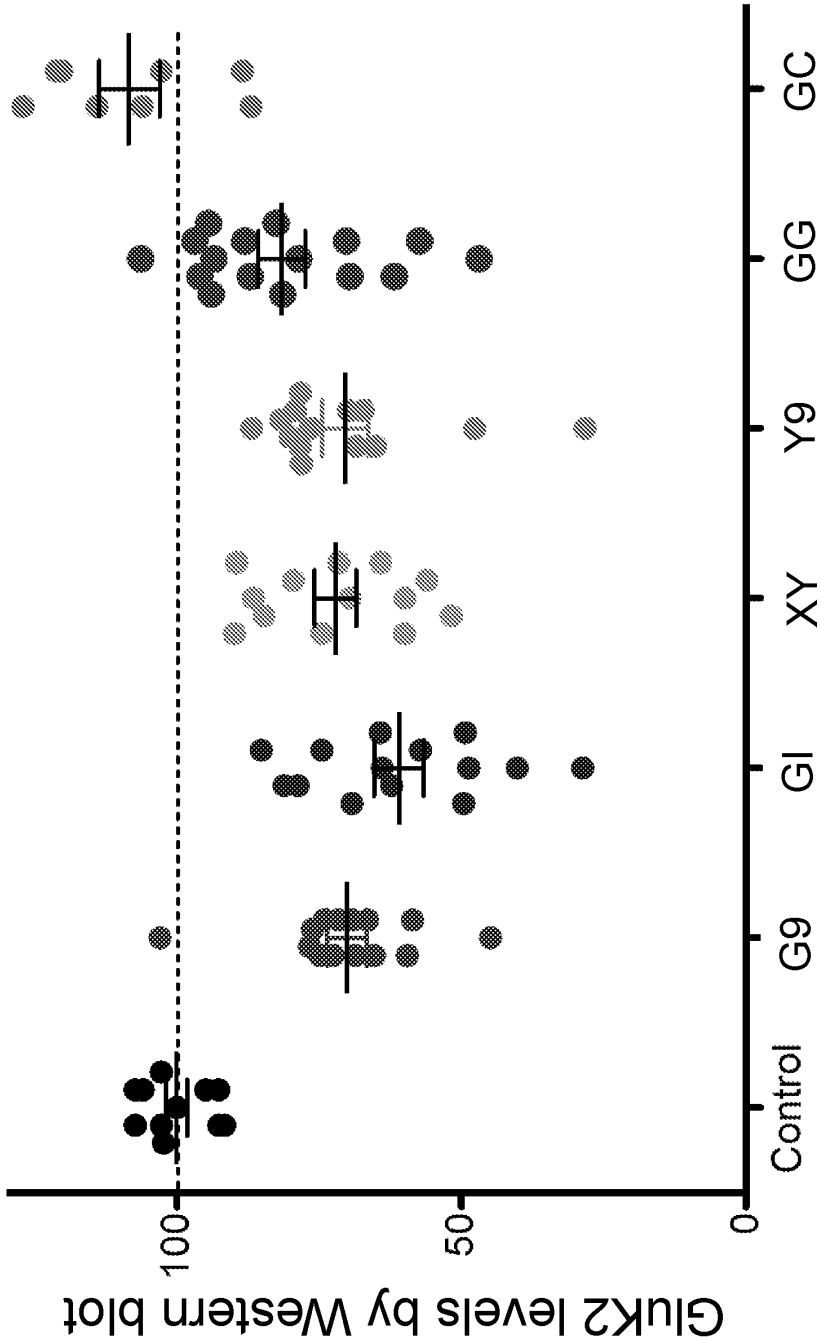


FIG. 2J

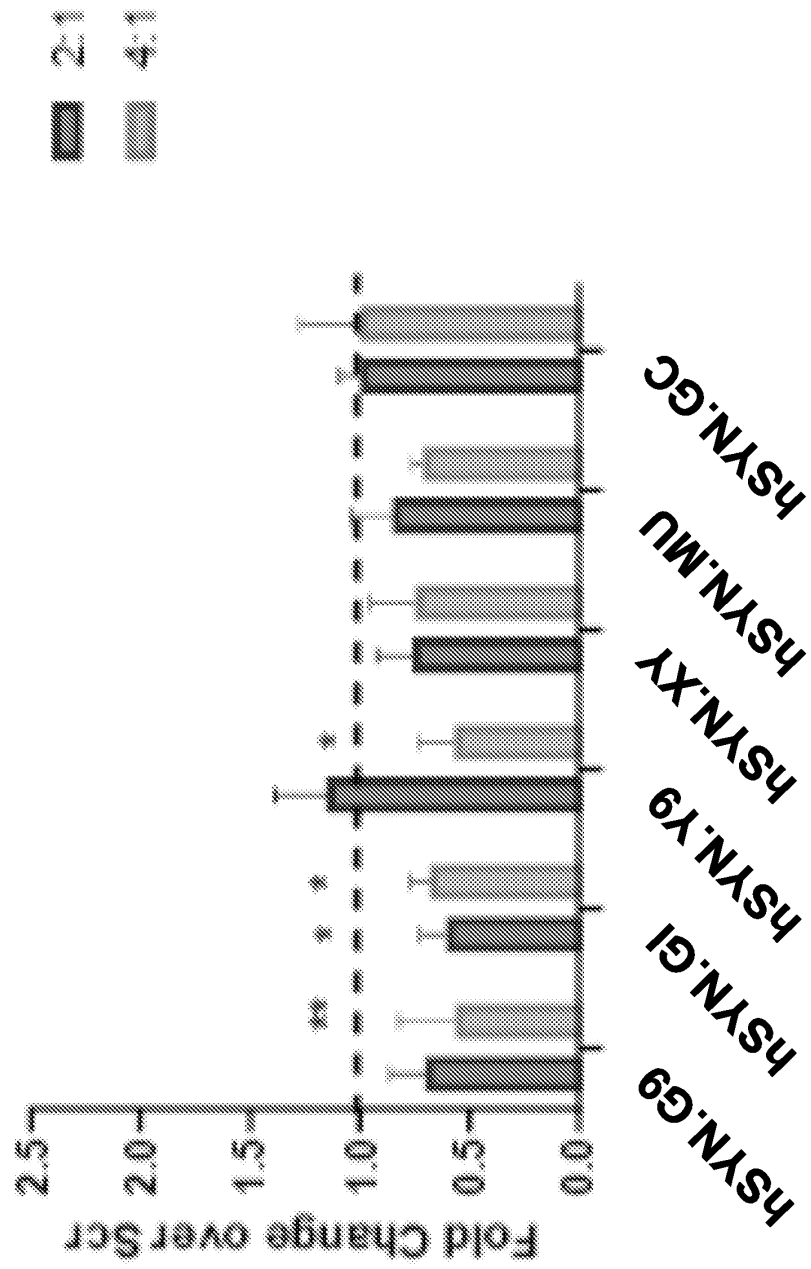


FIG. 3A

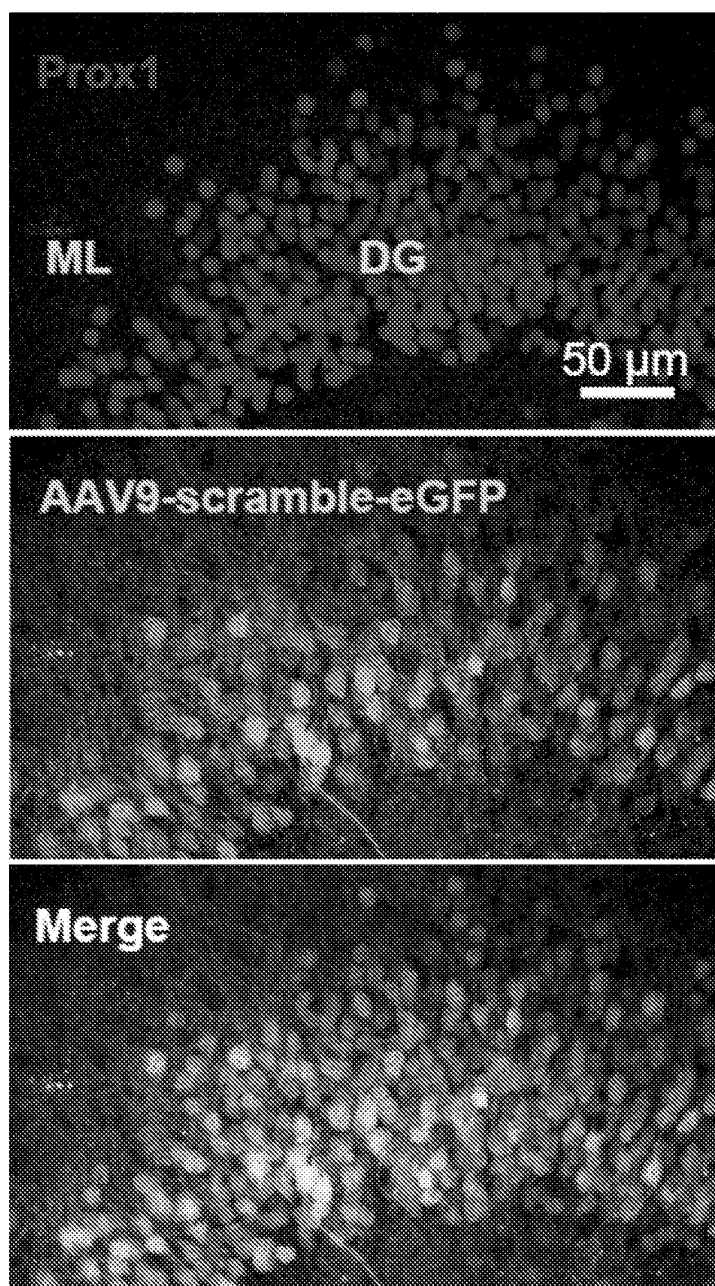


FIG. 3B

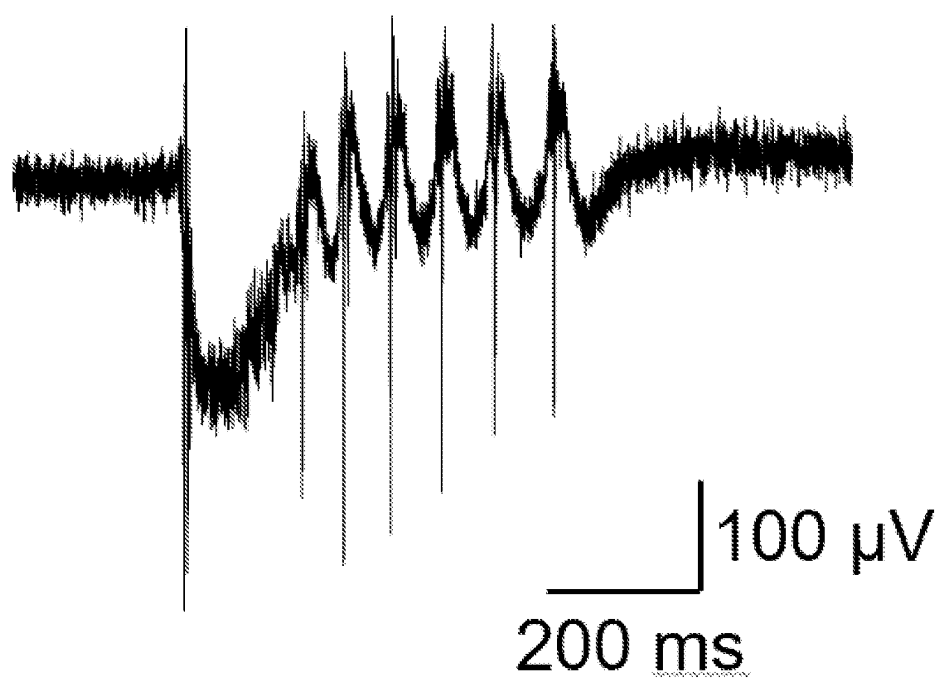


FIG. 3C

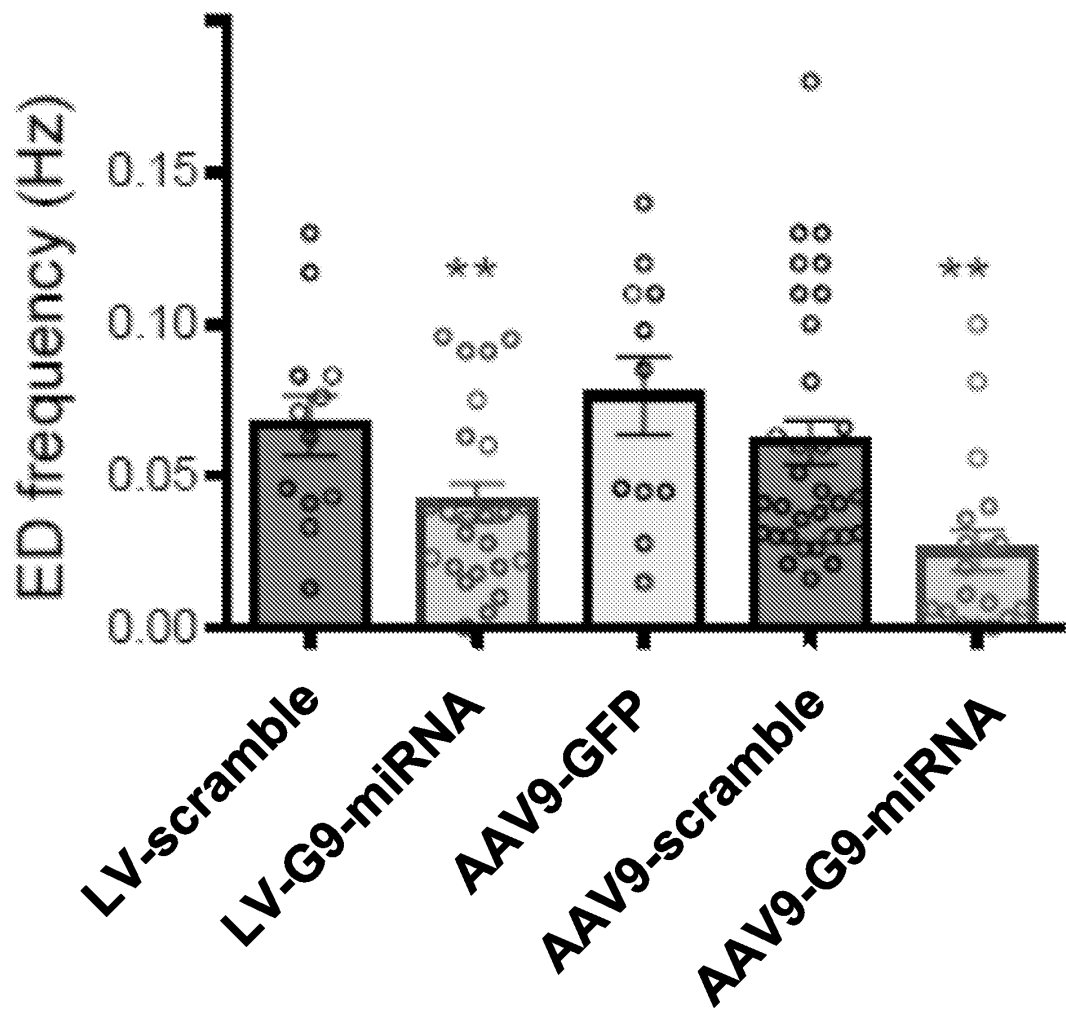


FIG. 3D

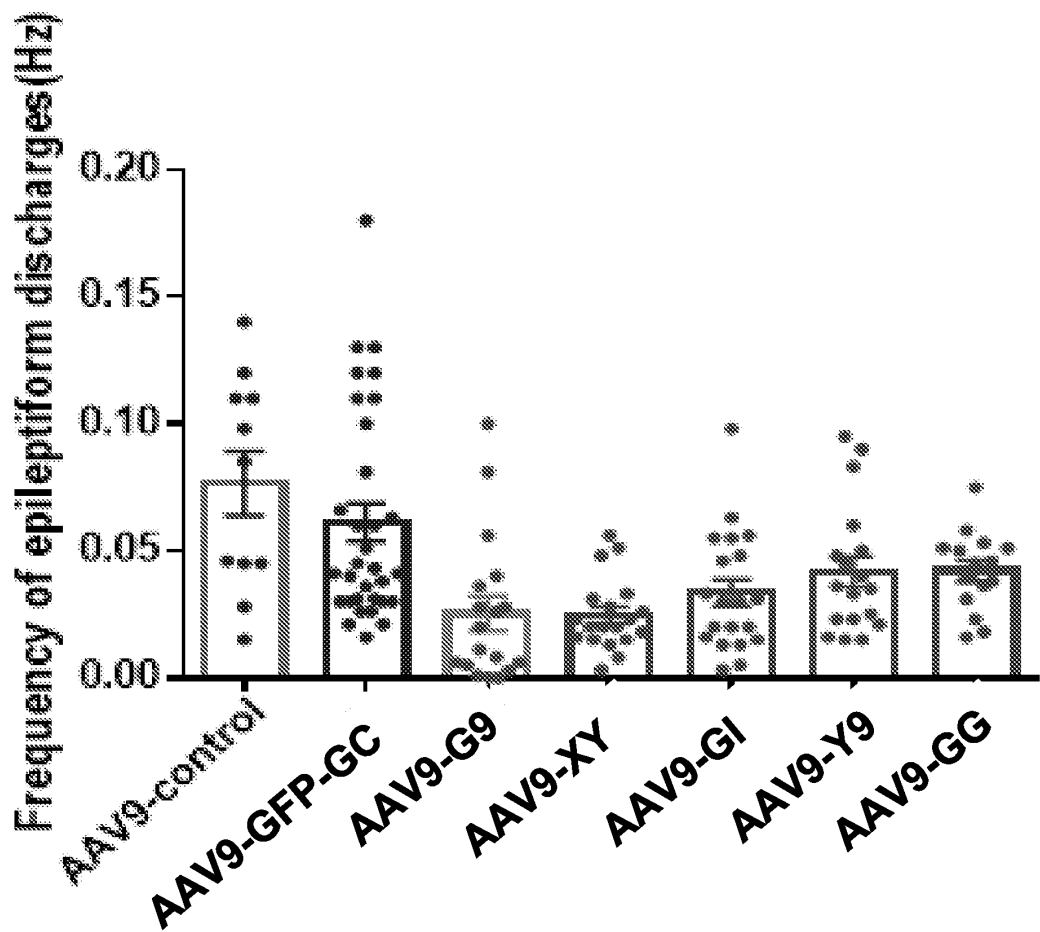


FIG. 4A

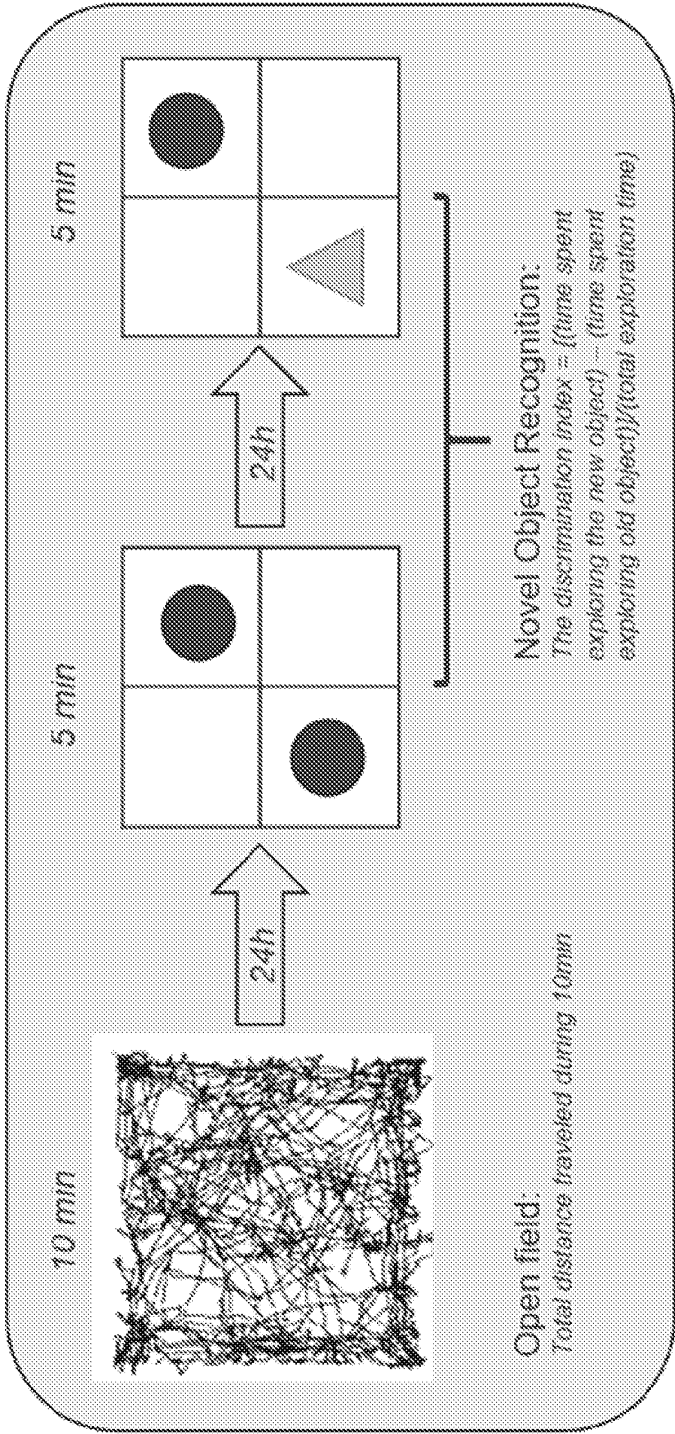


FIG. 4B

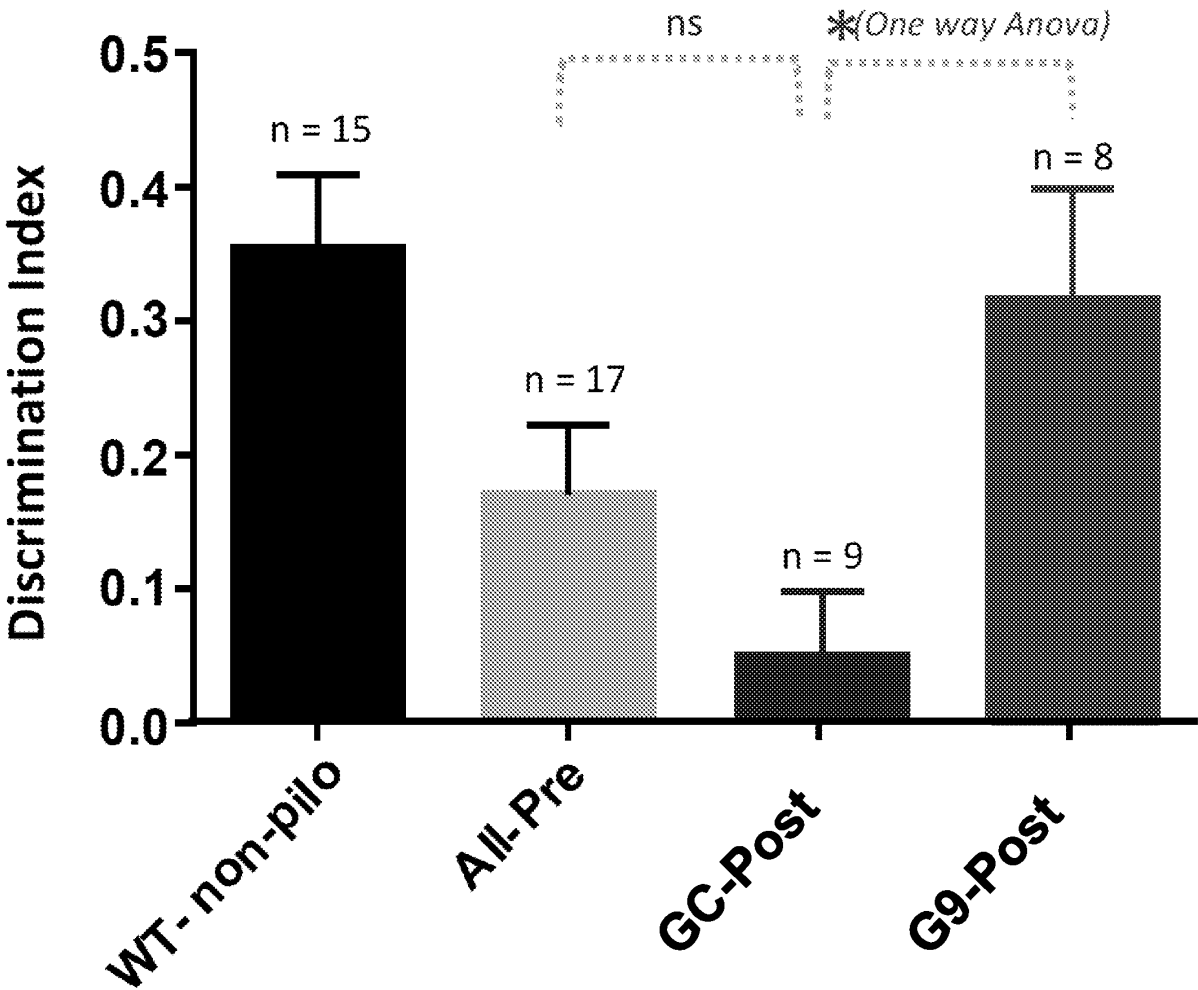


FIG. 4C

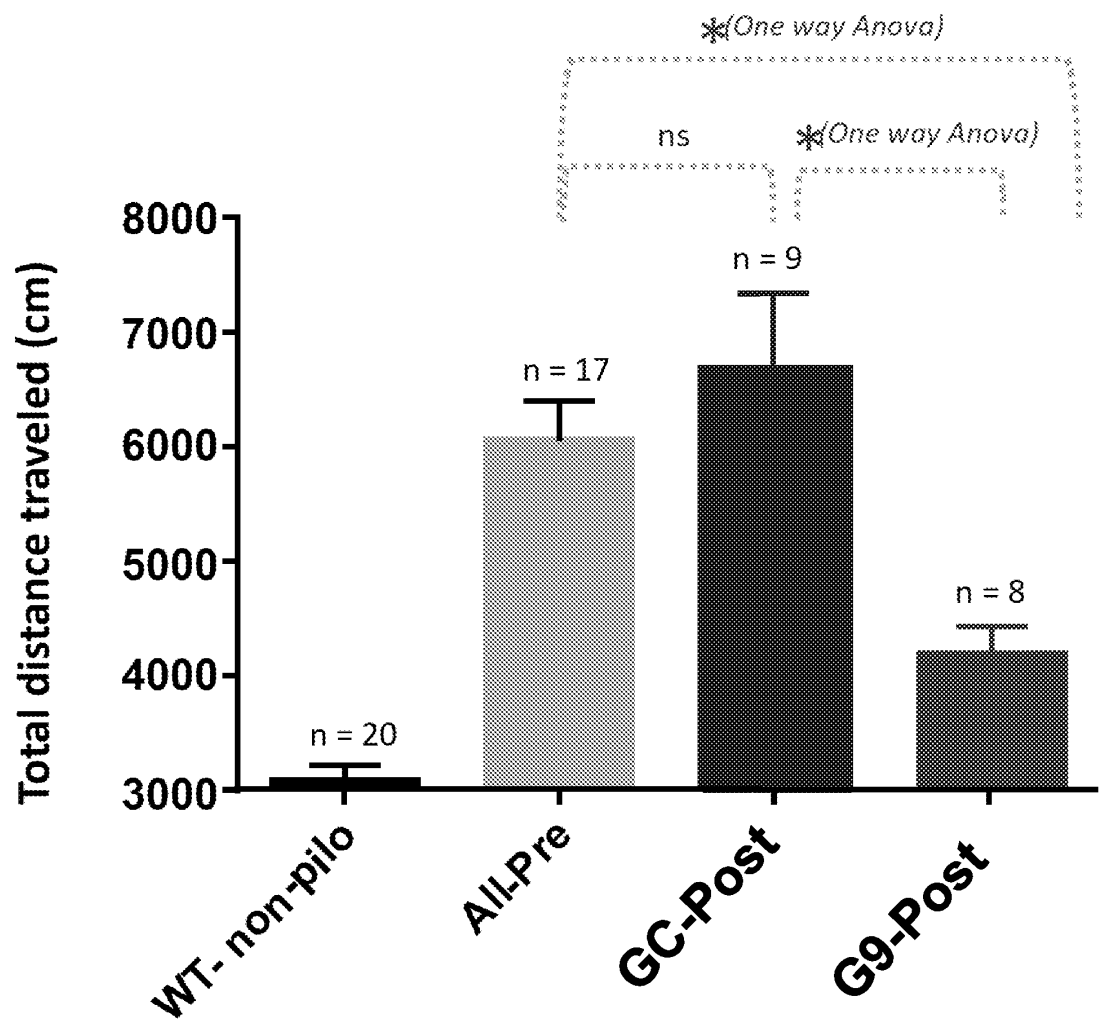


FIG. 4D

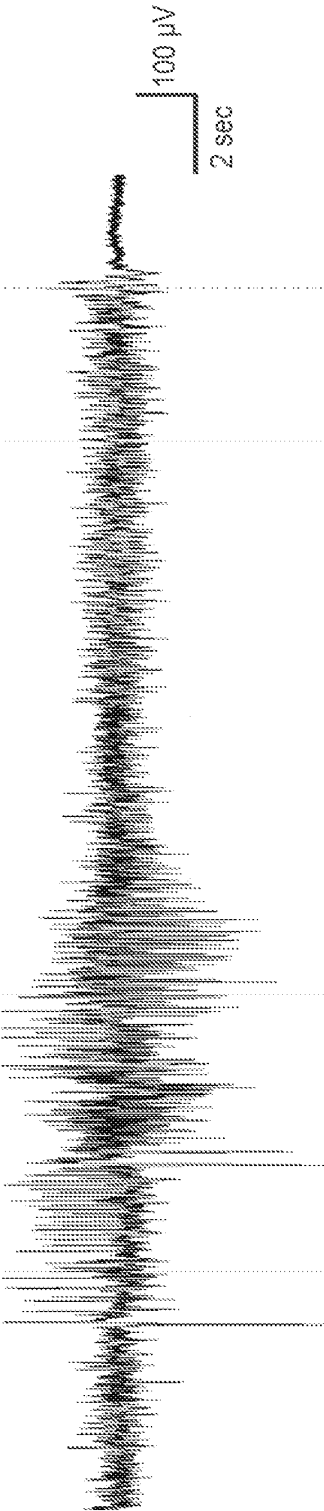


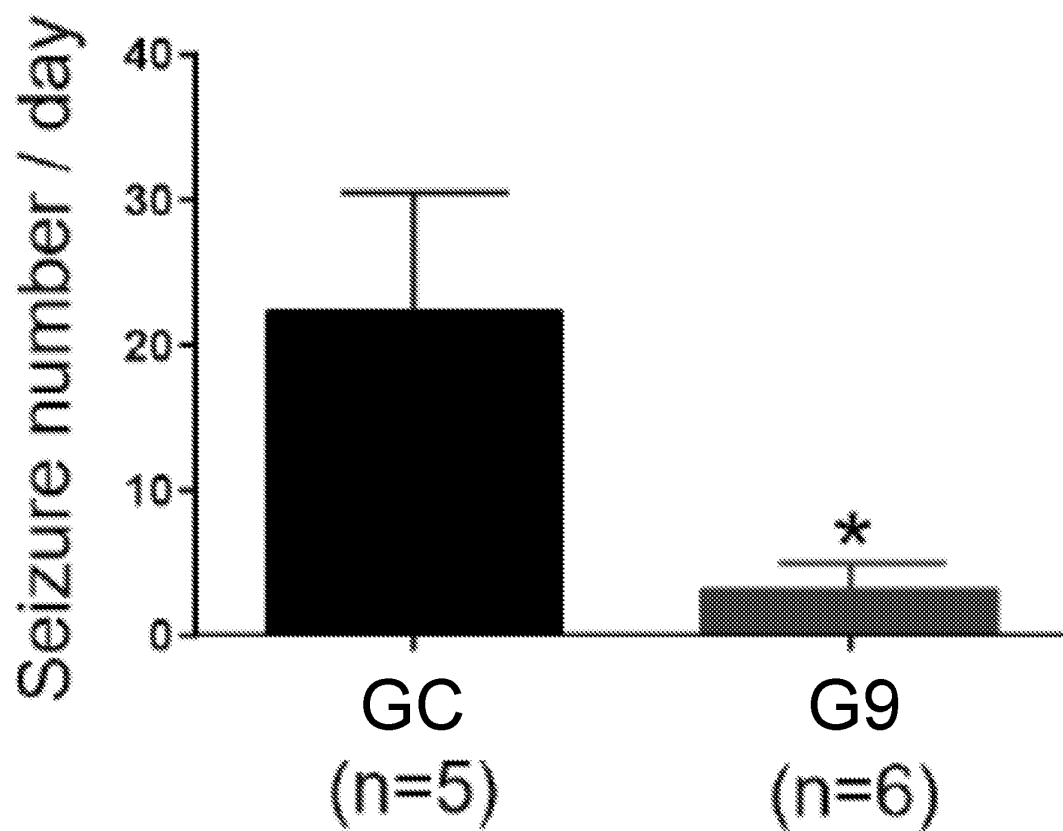
FIG. 4E

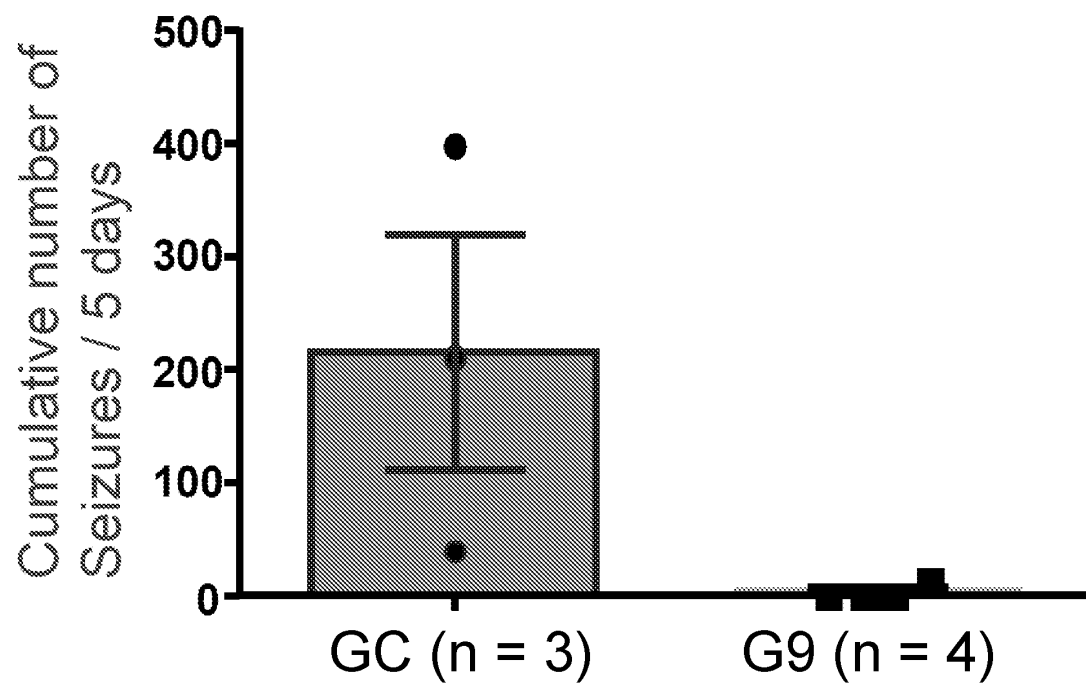
FIG. 4F

FIG. 5

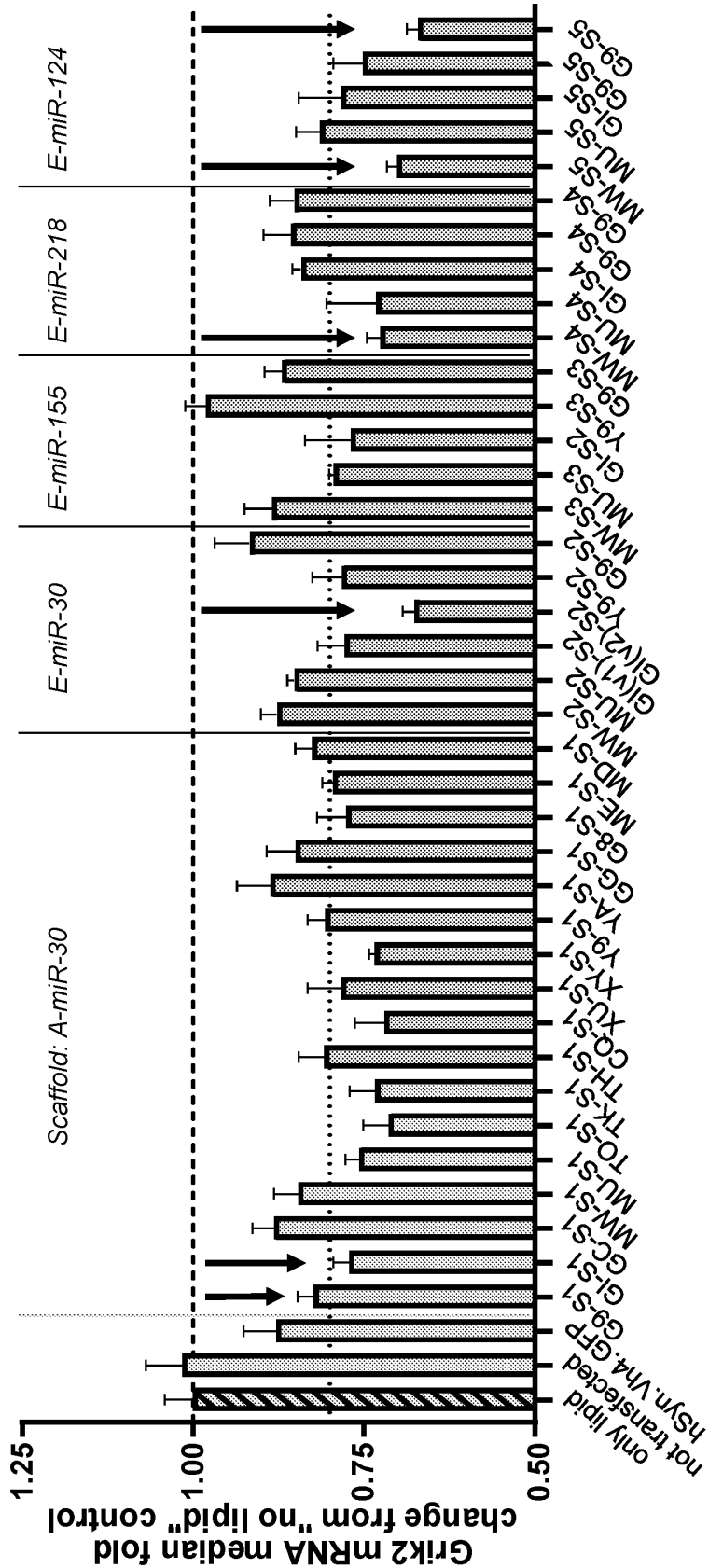


FIG. 6A

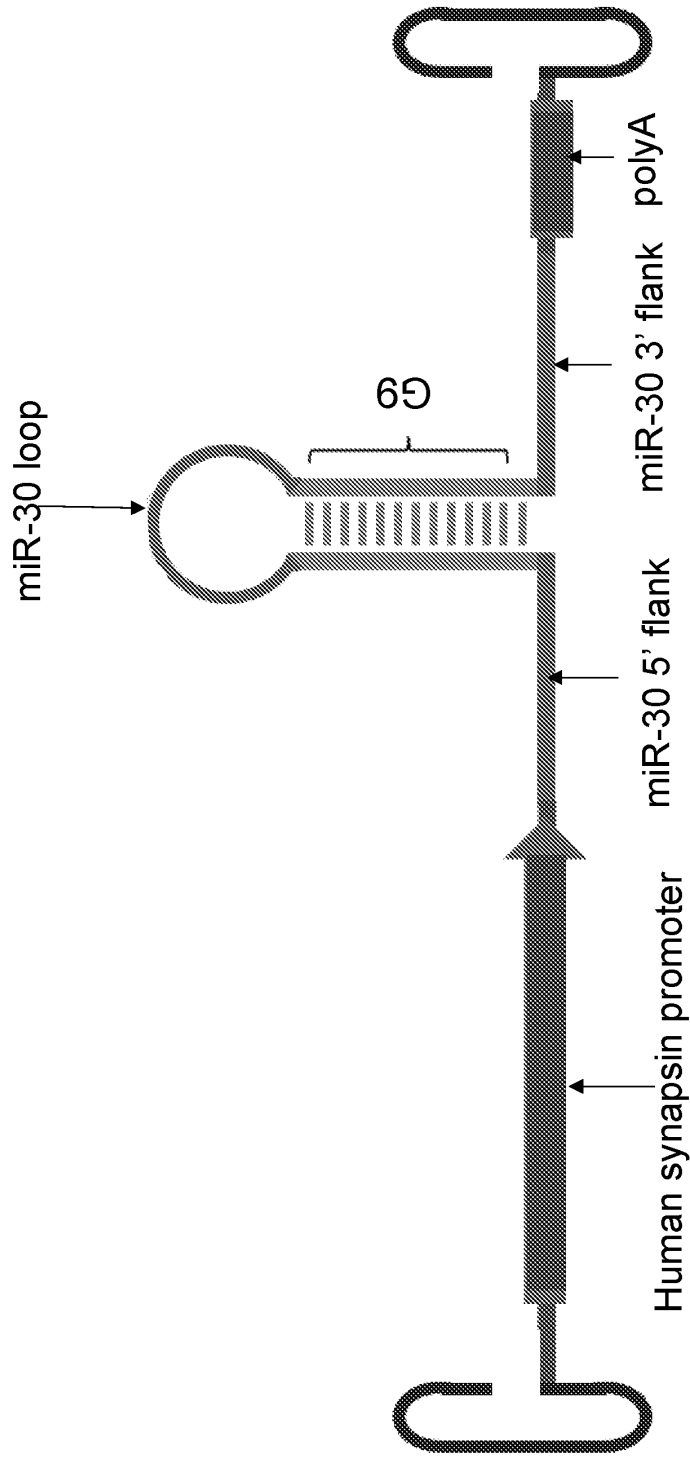


FIG. 6B

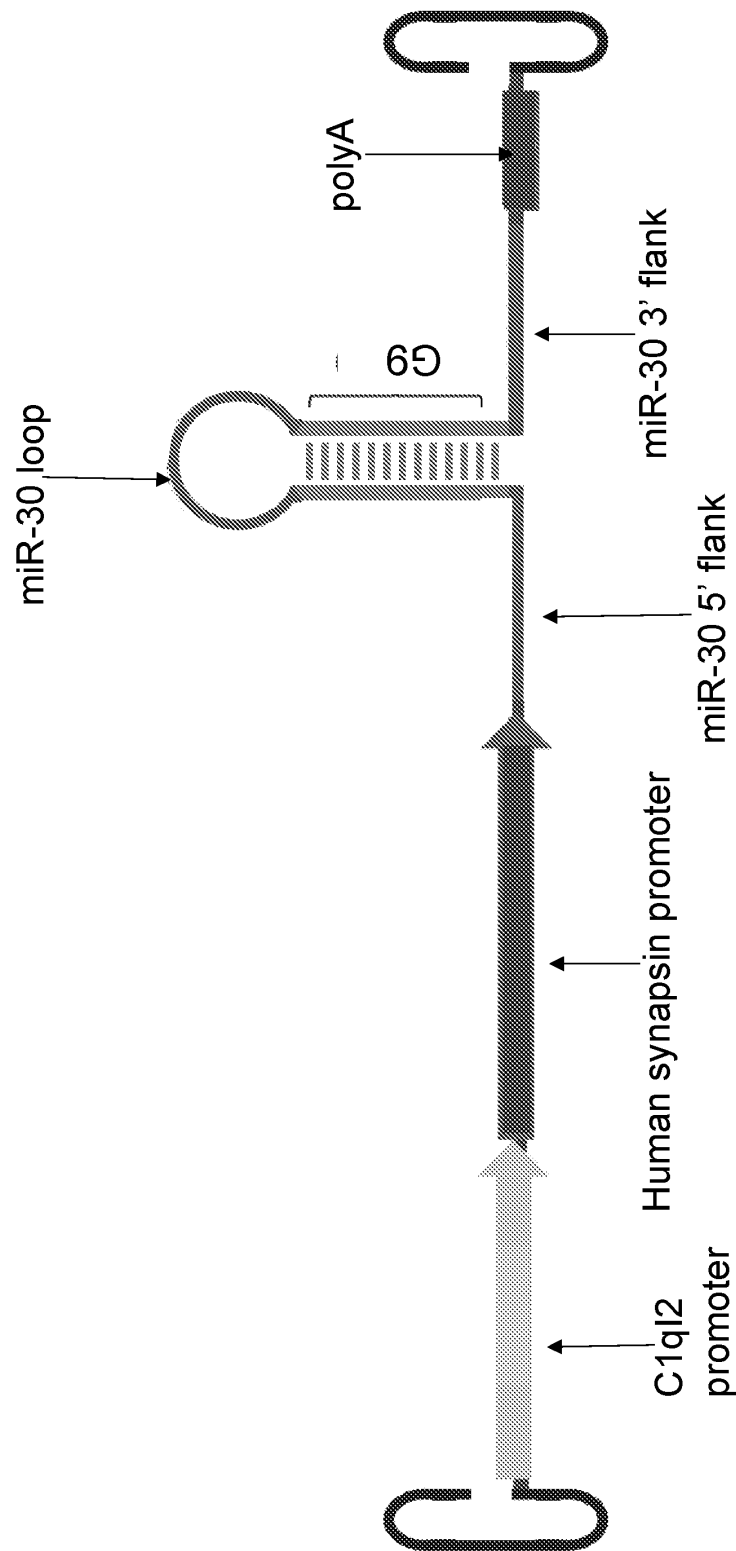


FIG. 6C

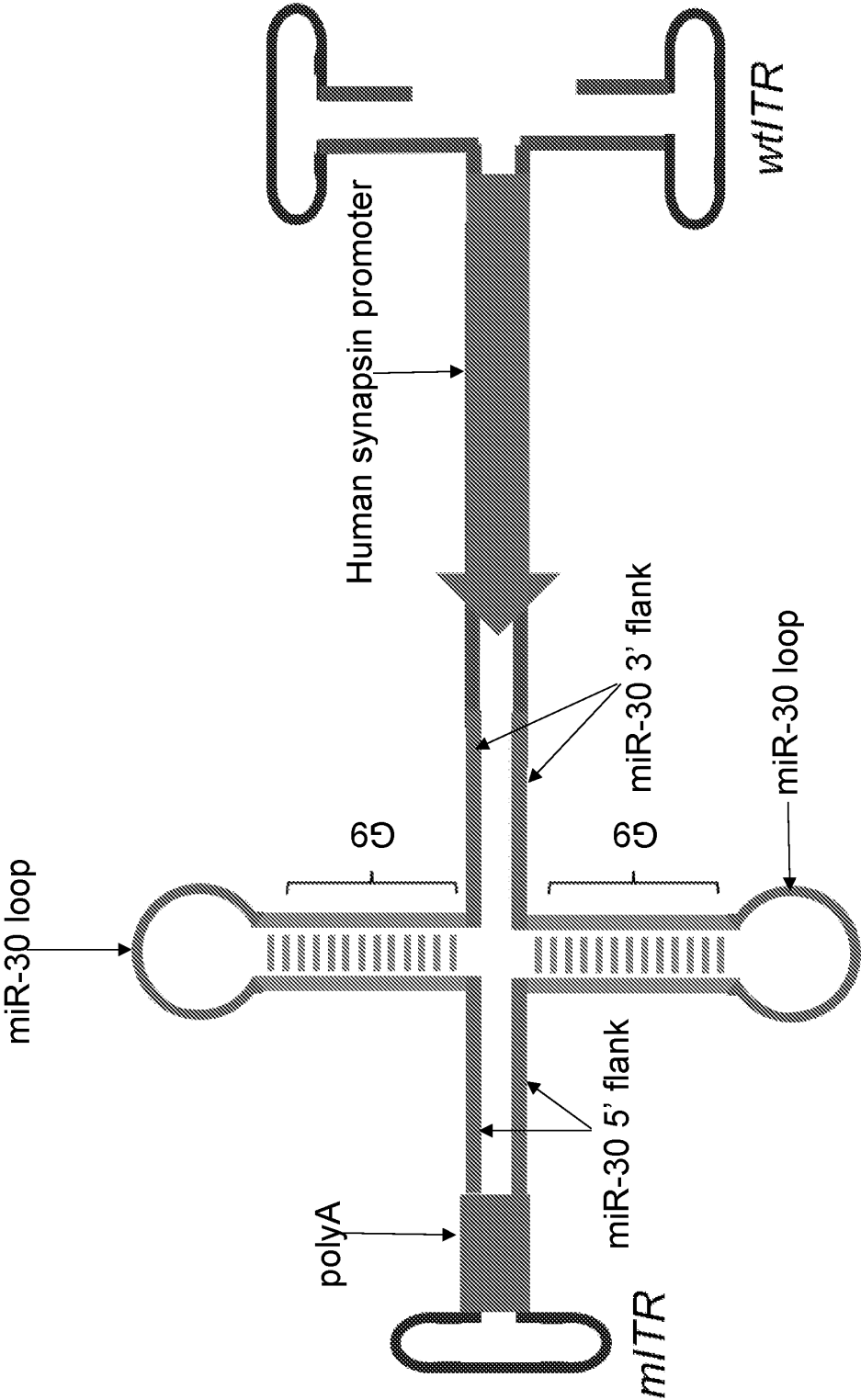


FIG. 6D

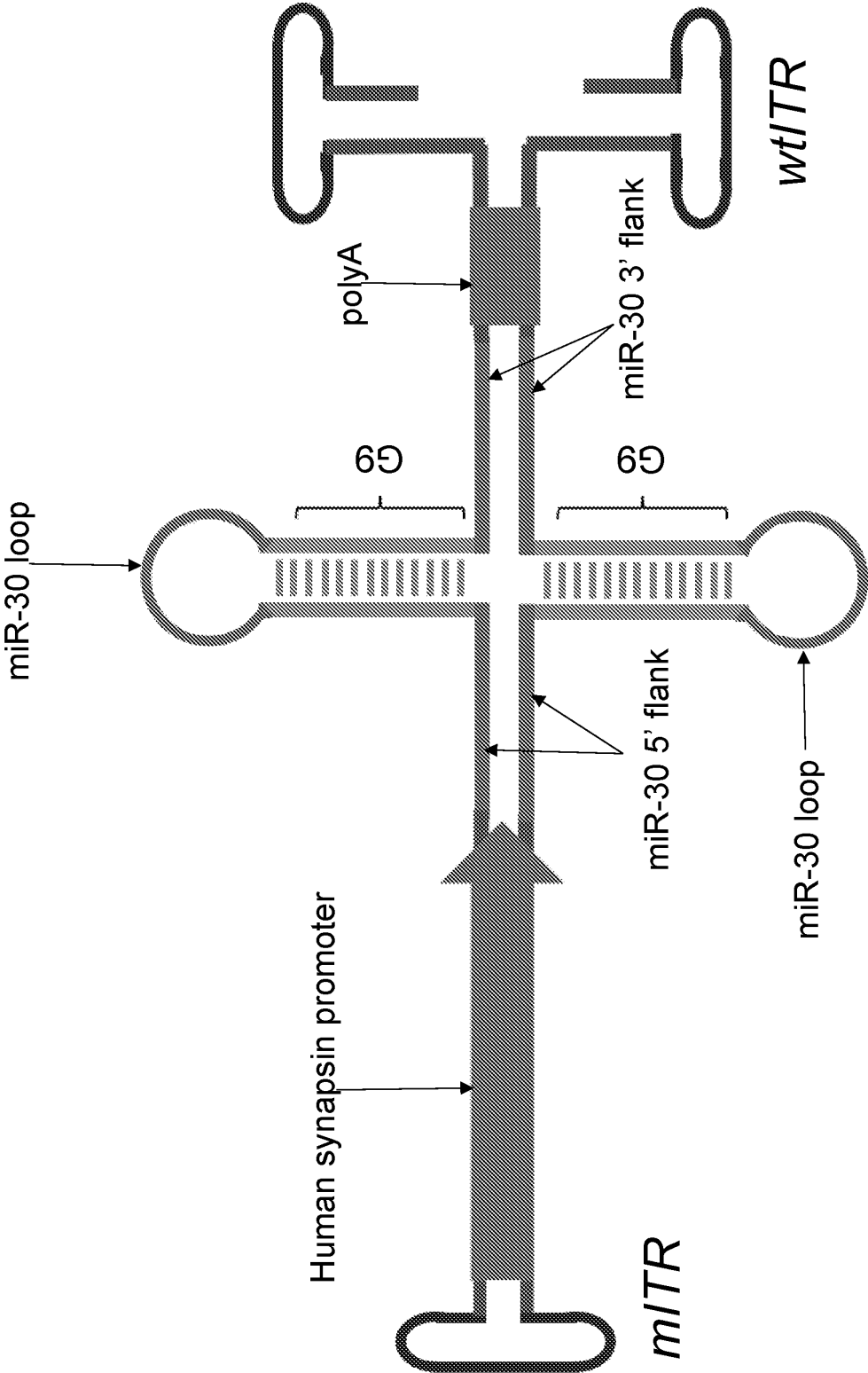


FIG. 6E

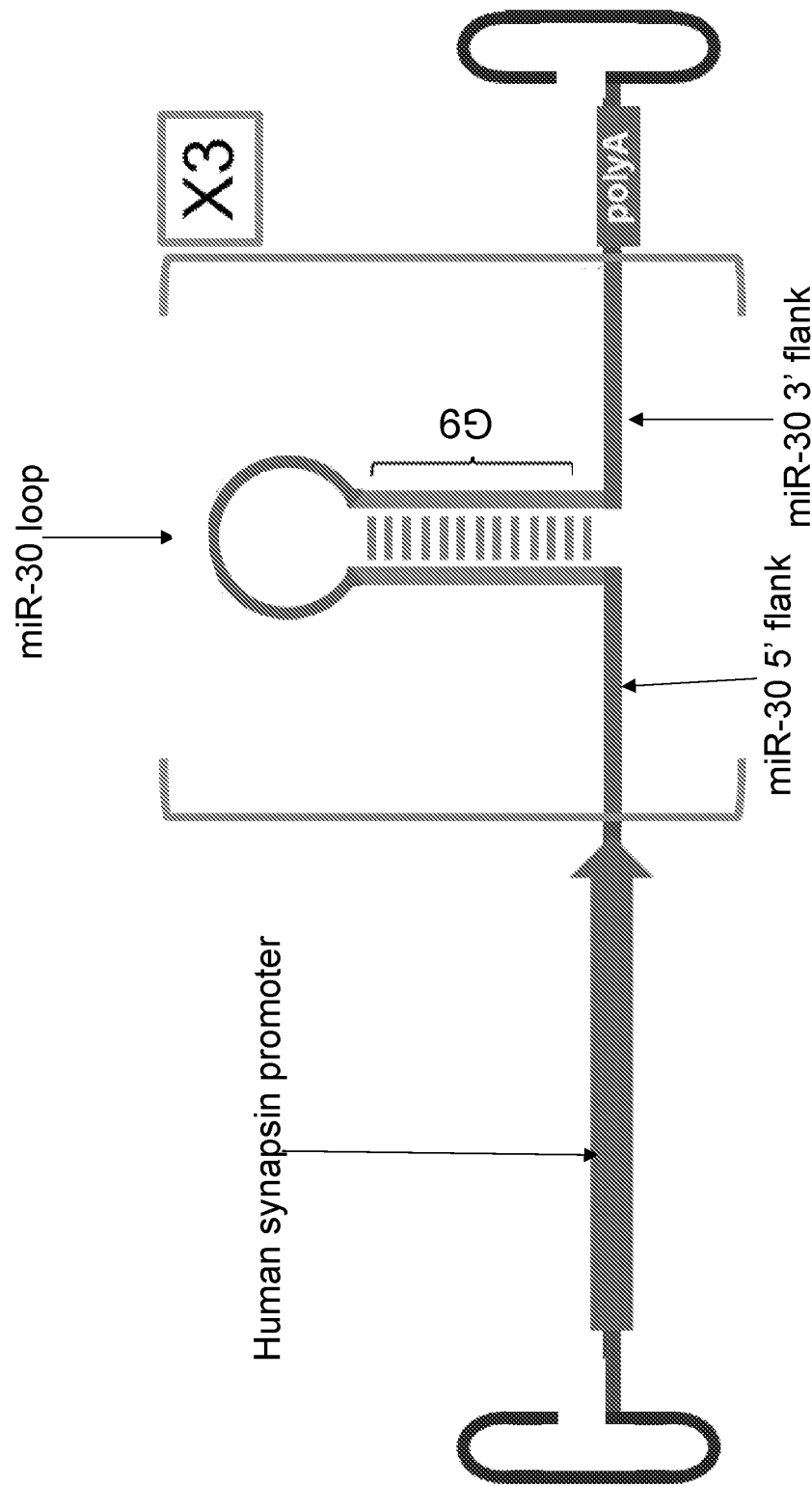


FIG. 6F

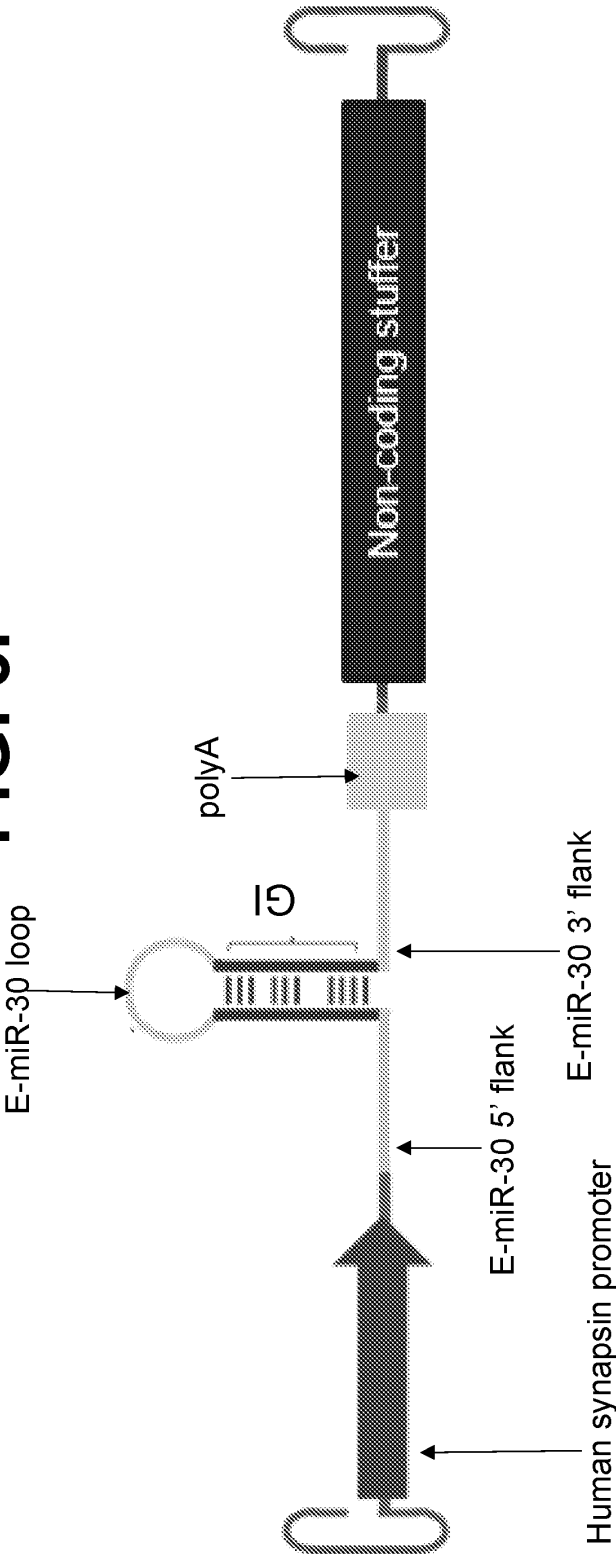


FIG. 6G

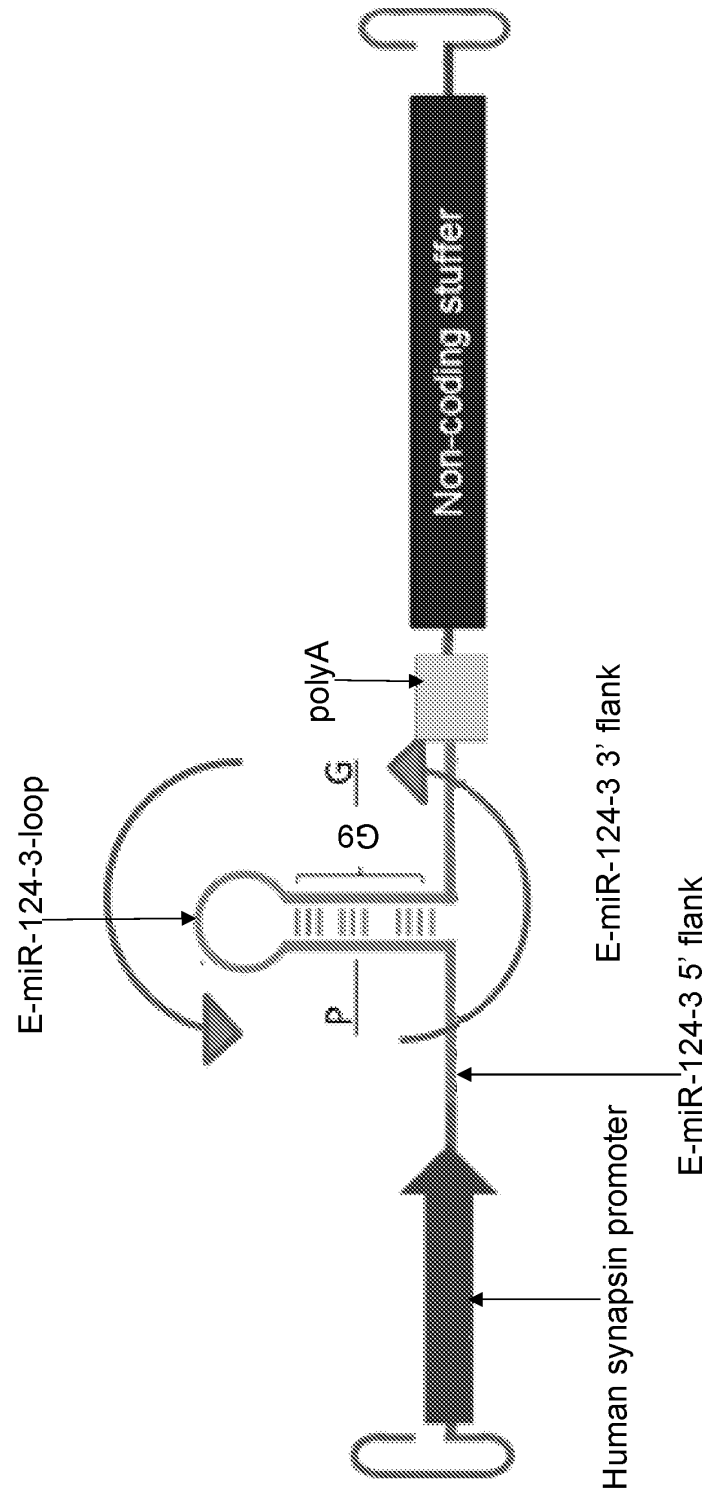


FIG. 7

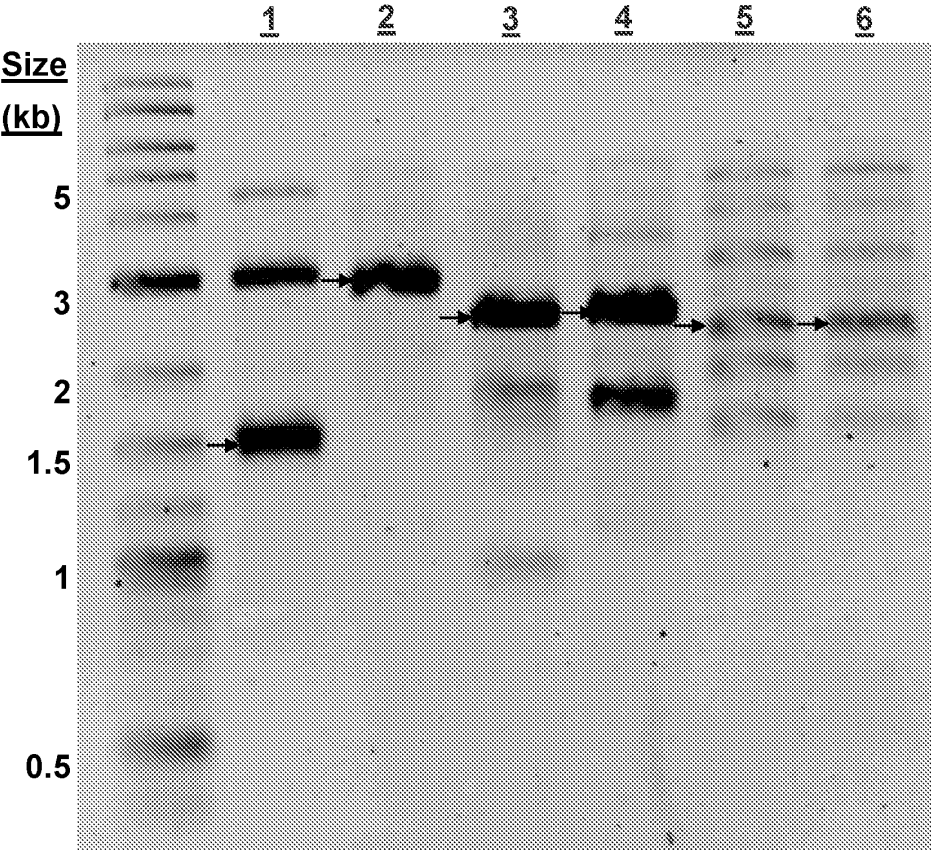


FIG. 8A

DMTPV1

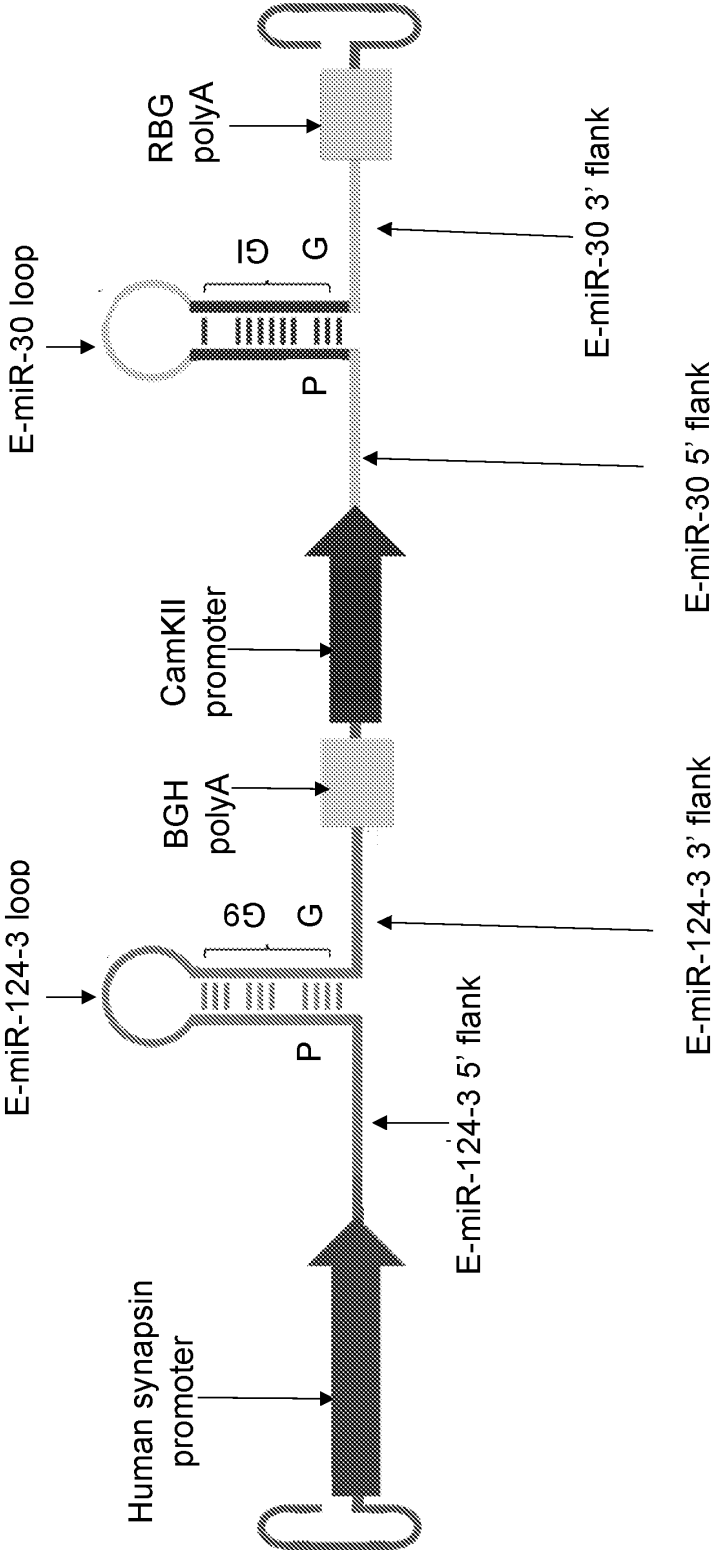


FIG. 8B

DMTPV2

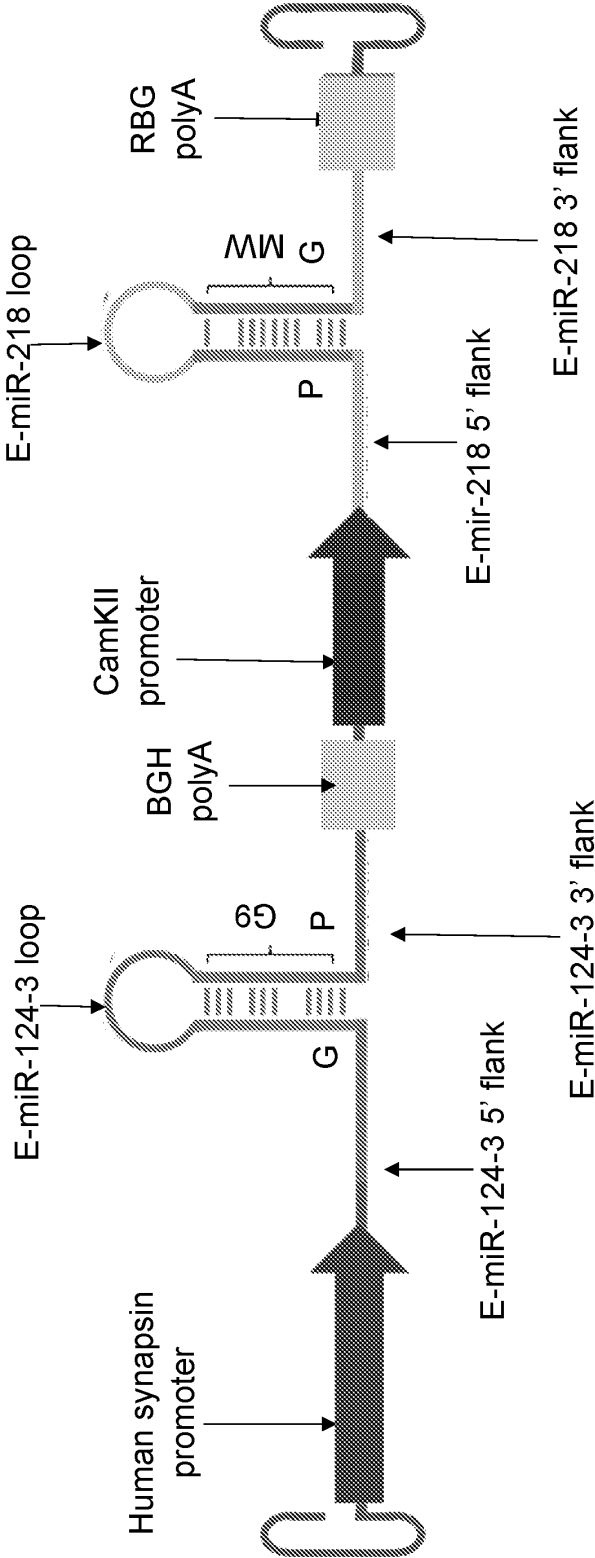


FIG. 8C

DMTPV3

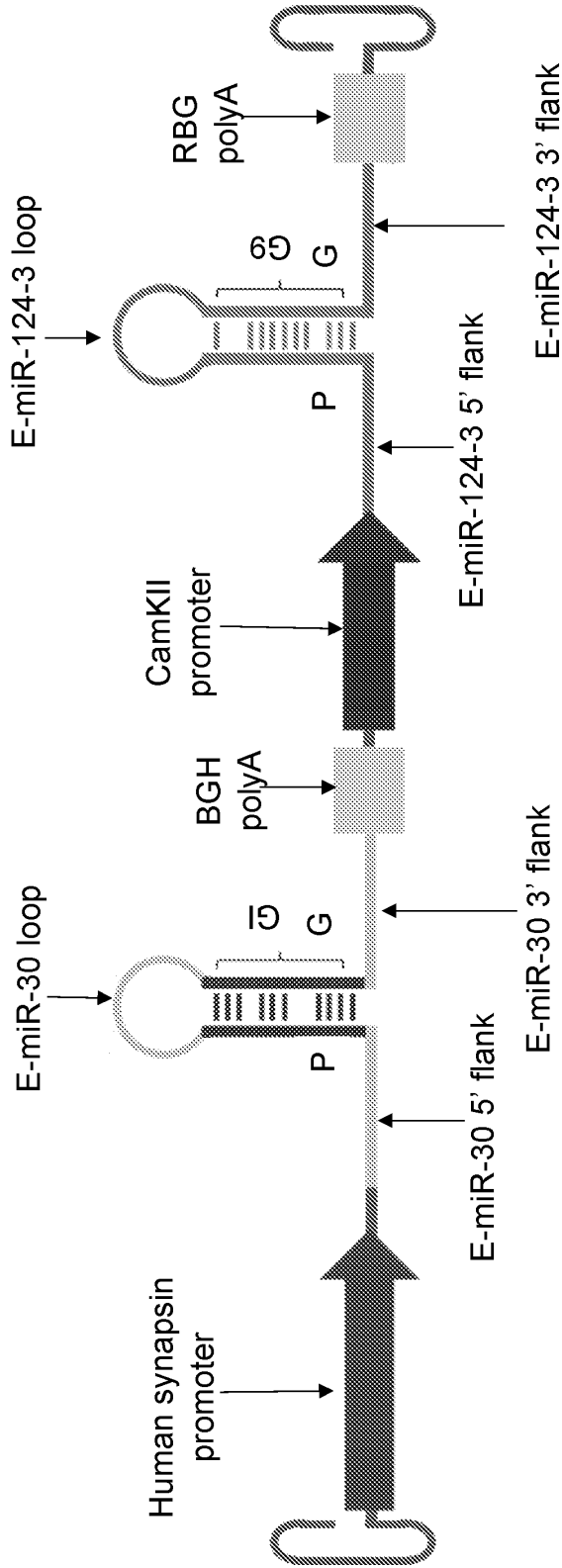


FIG. 8D

DMTPV4

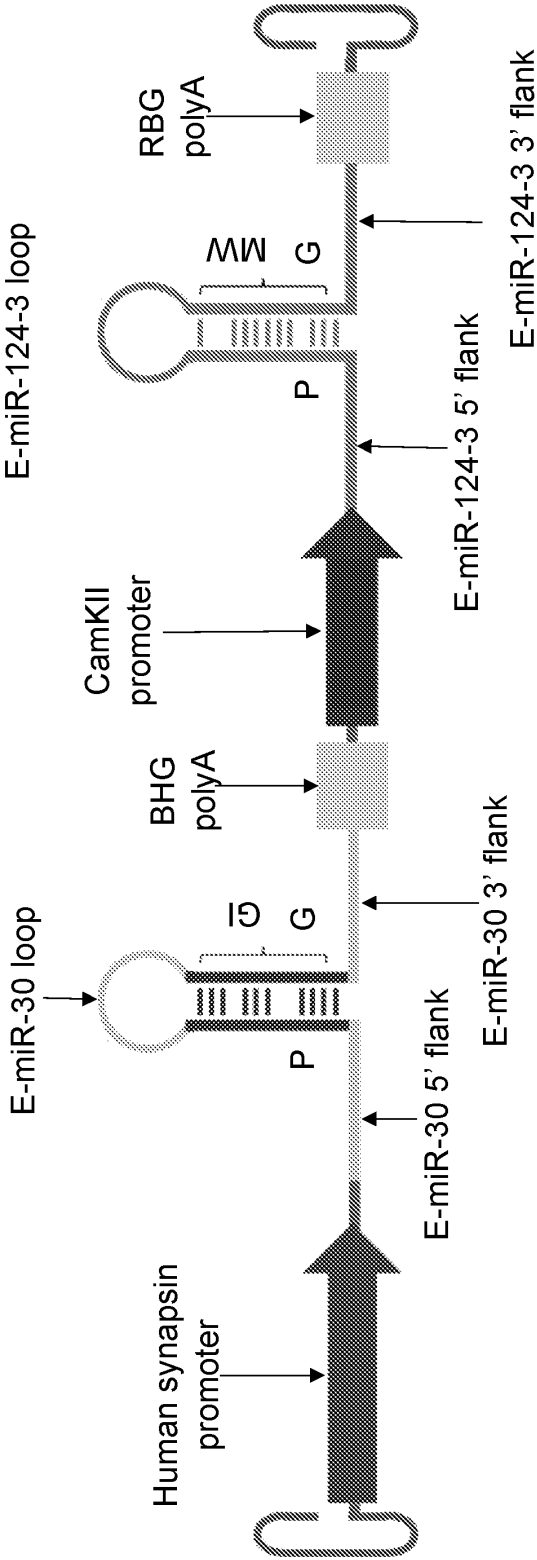


FIG. 8E

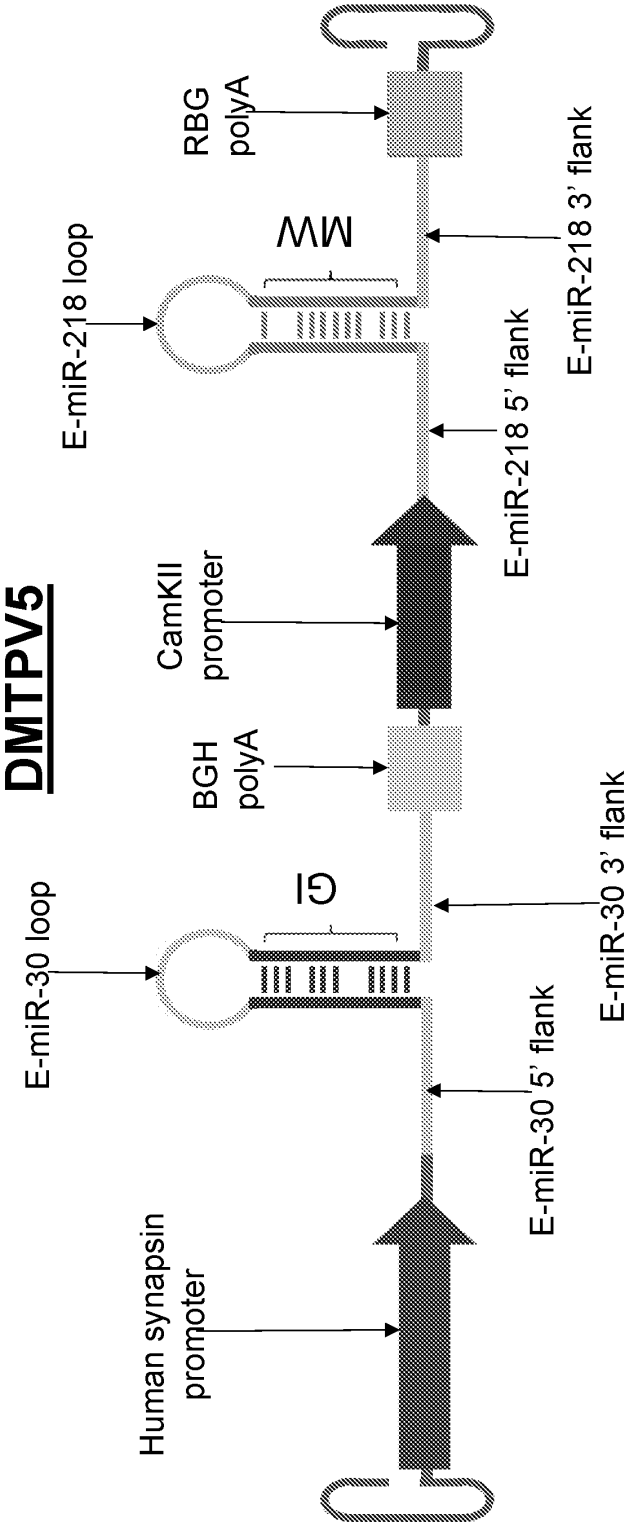


FIG. 8F

DMTPV6

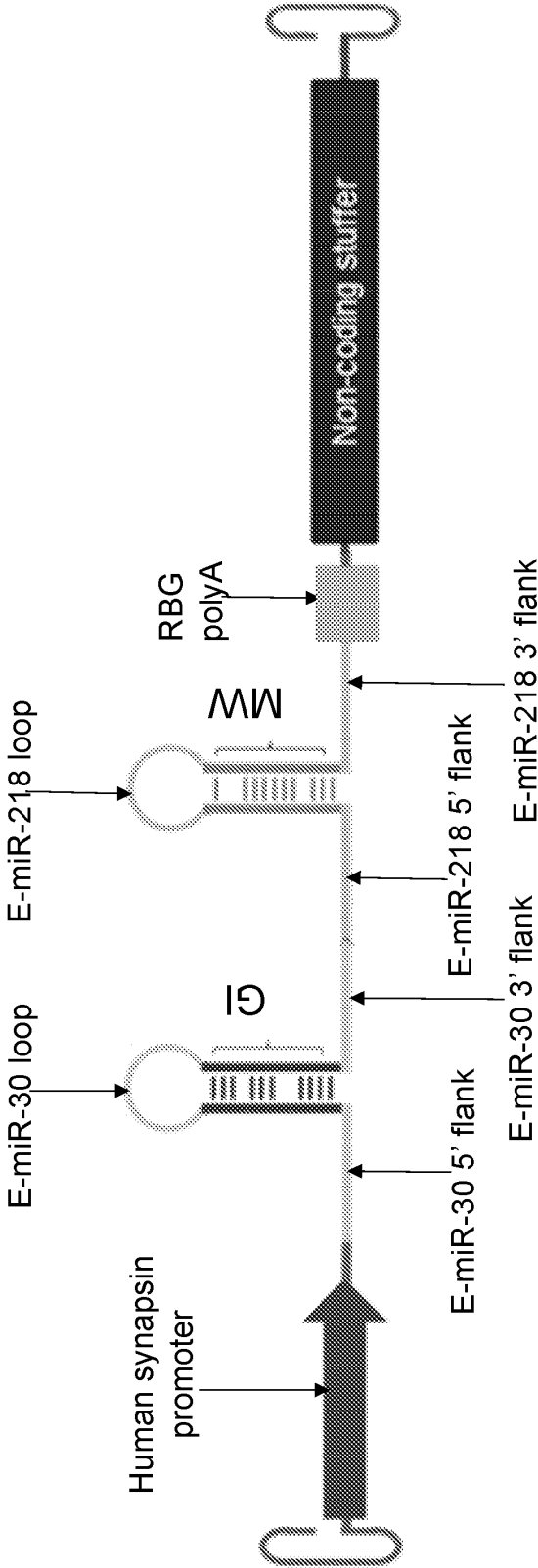


FIG. 8G

DMTPV7

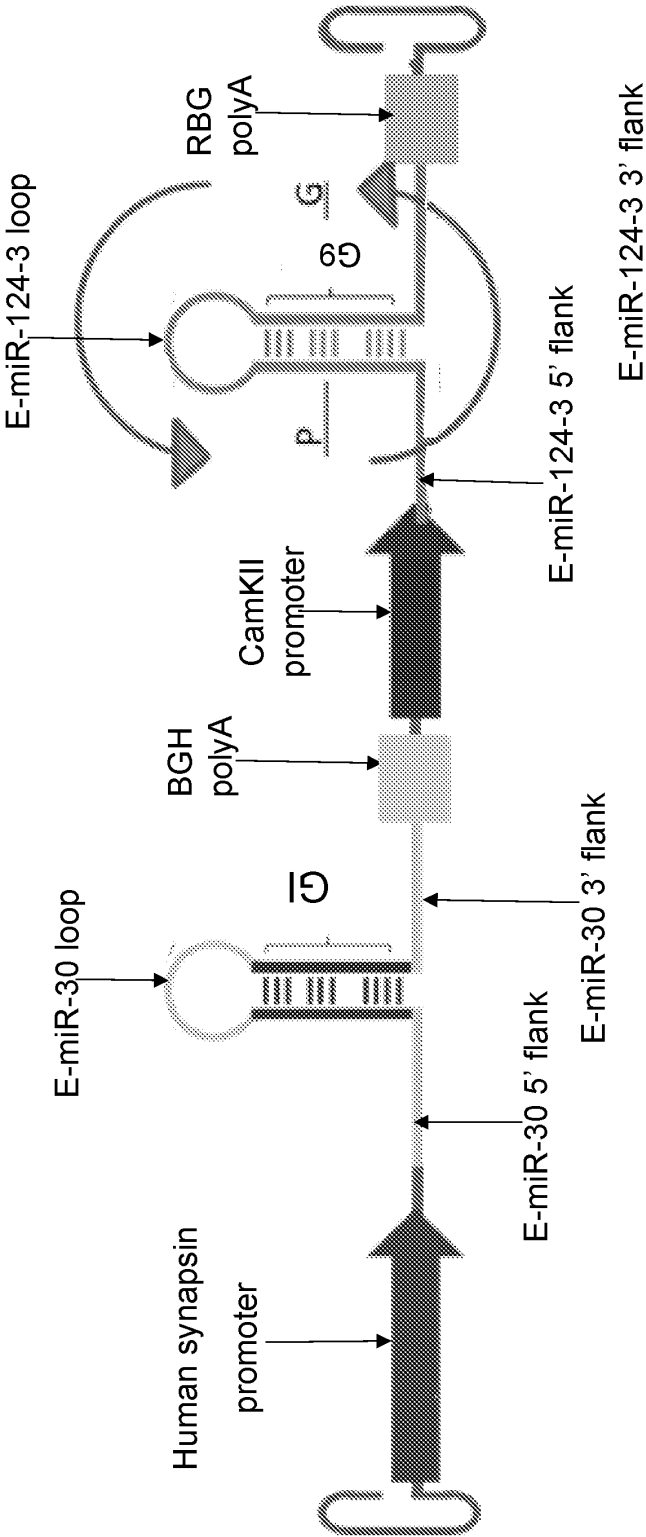


FIG. 9A

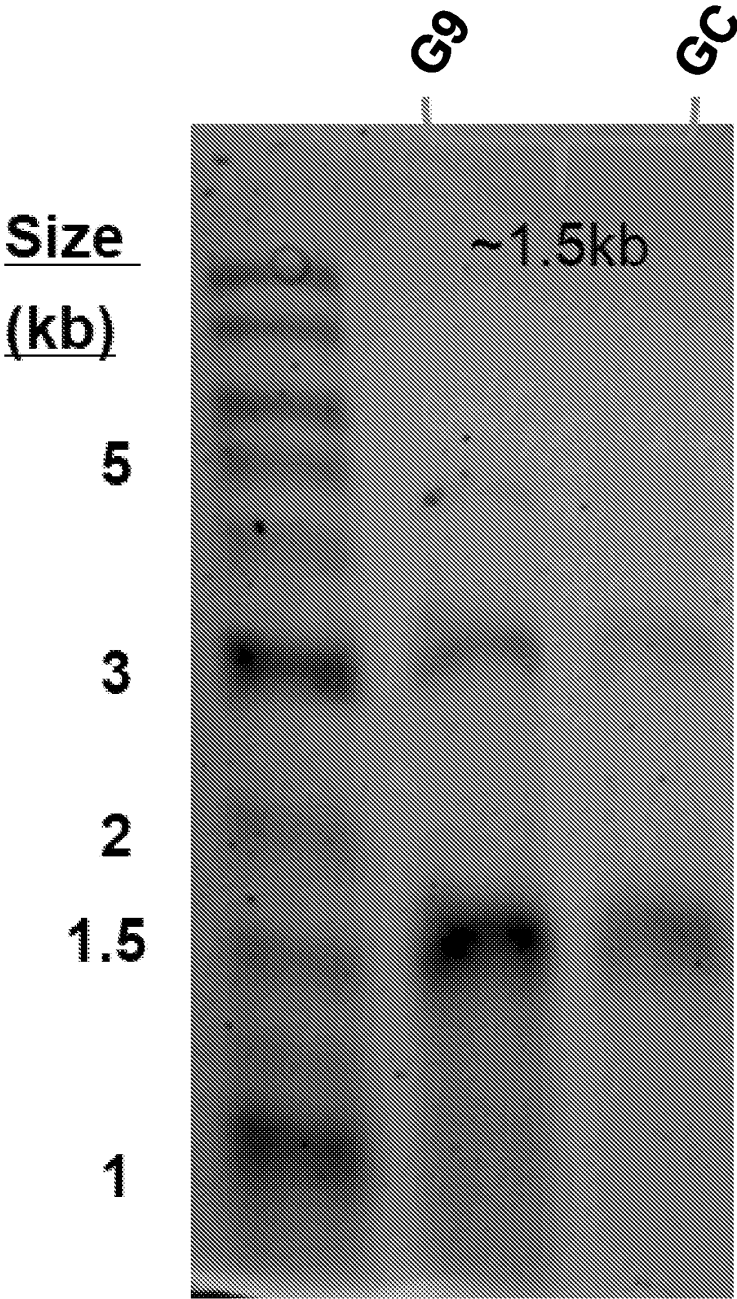


FIG. 9B

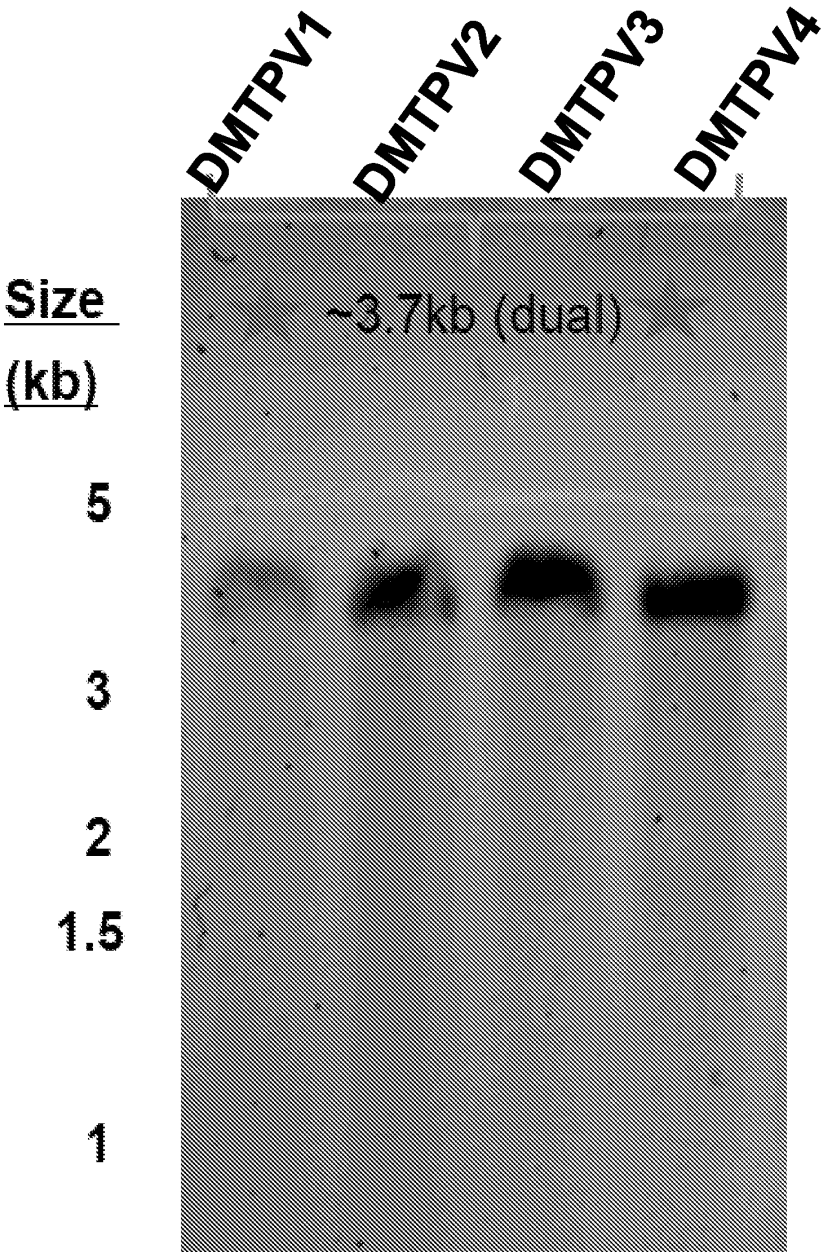


FIG. 10

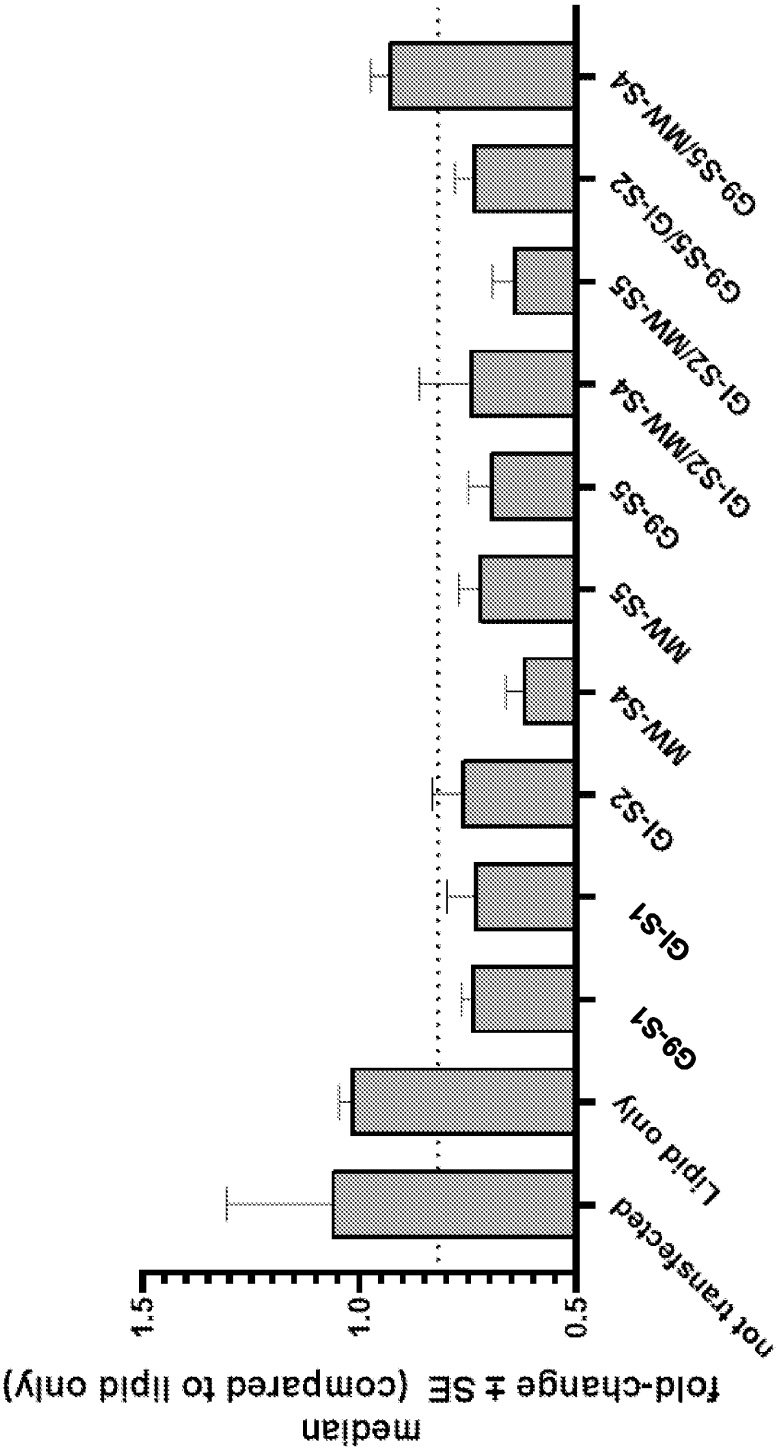


FIG. 11

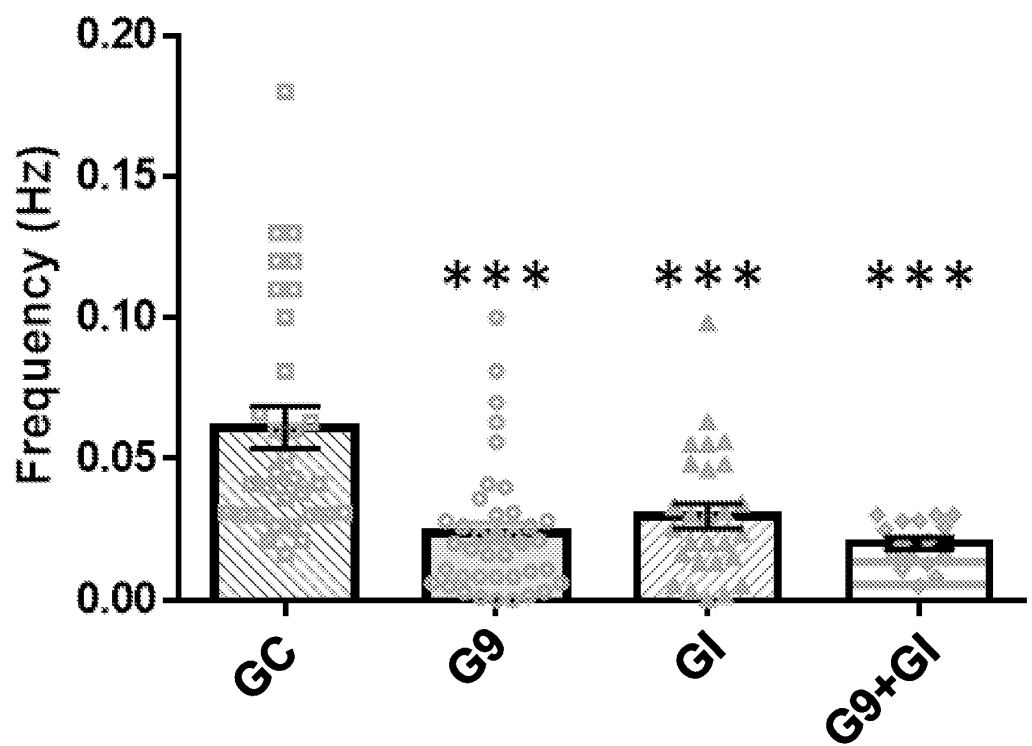


FIG. 12

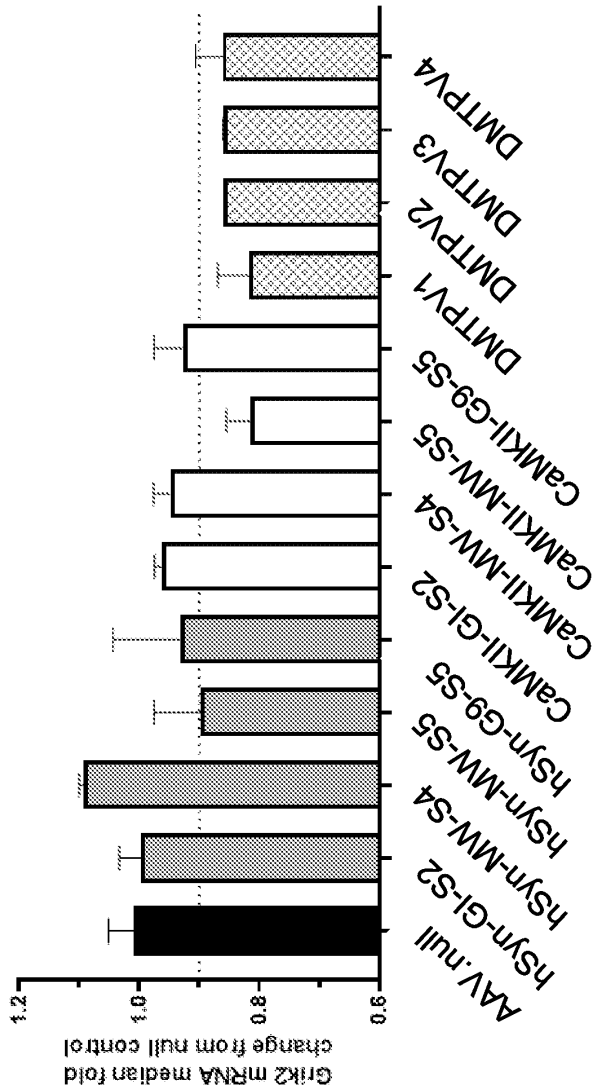


FIG. 13A

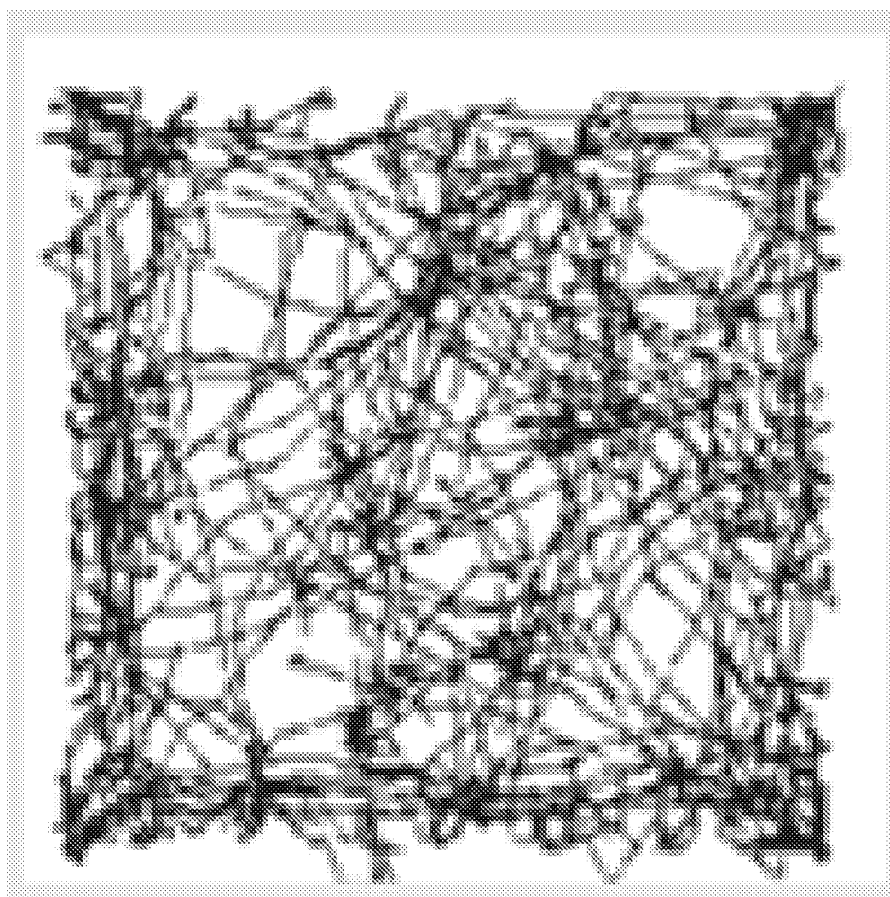


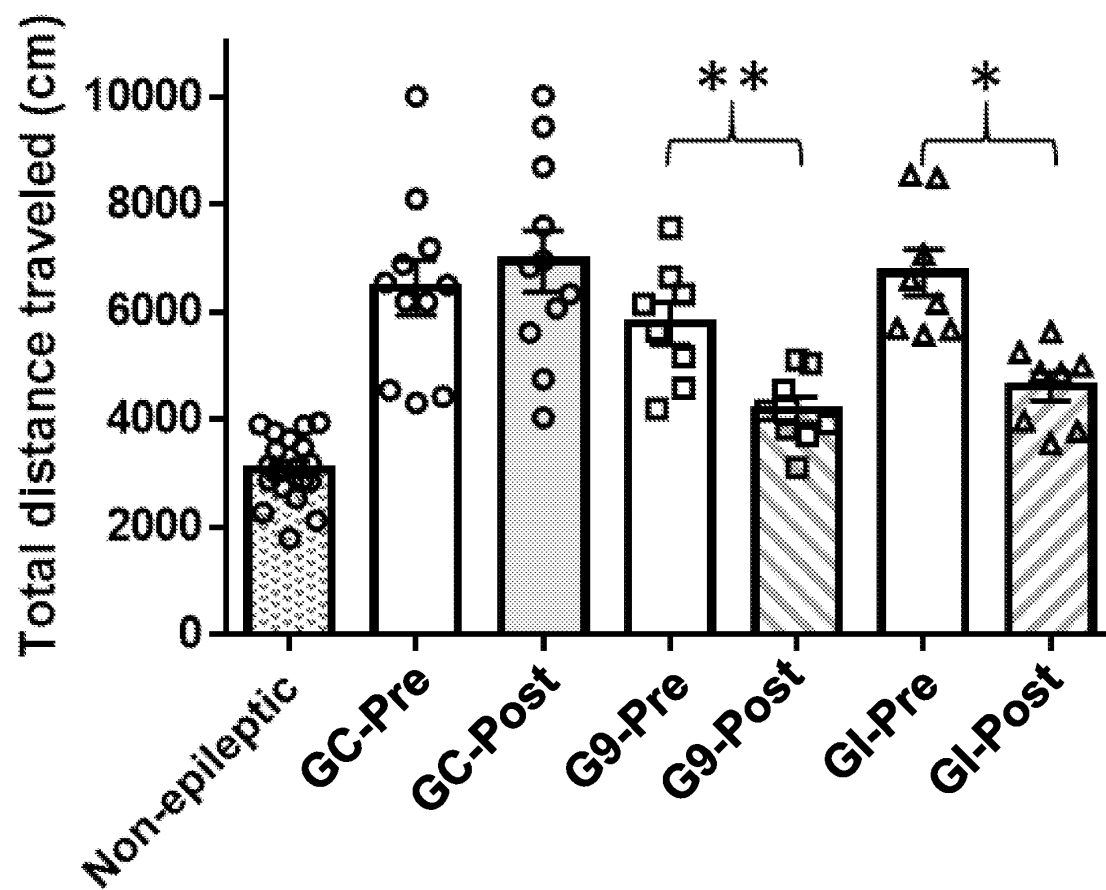
FIG. 13B

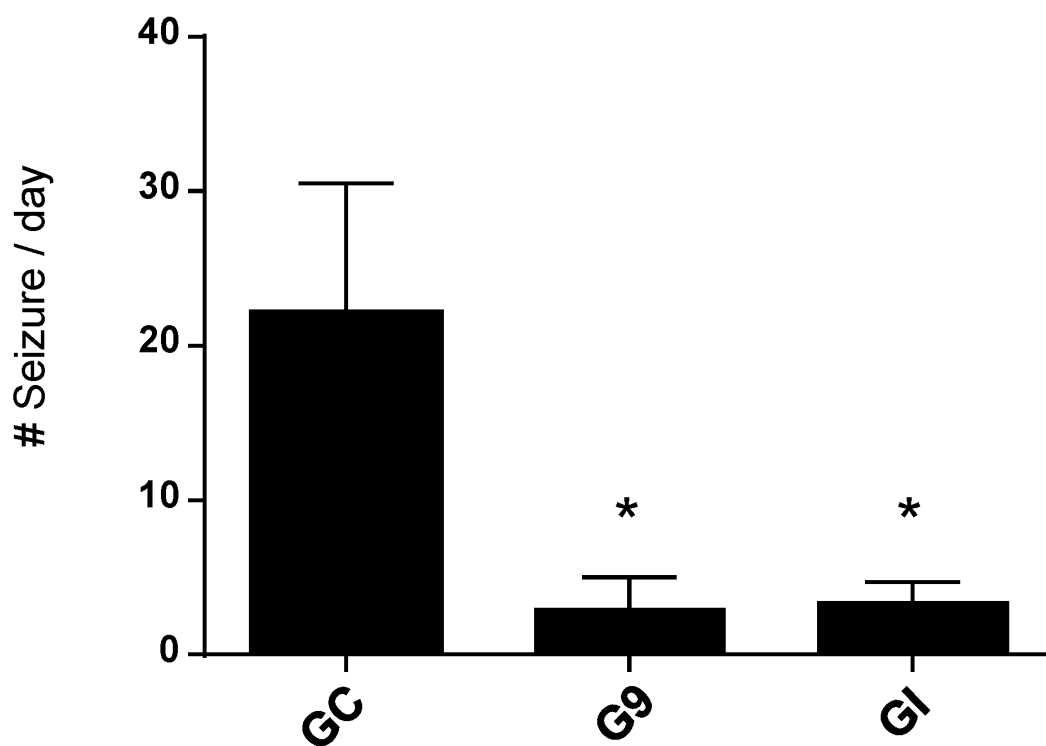
FIG. 14

FIG. 15

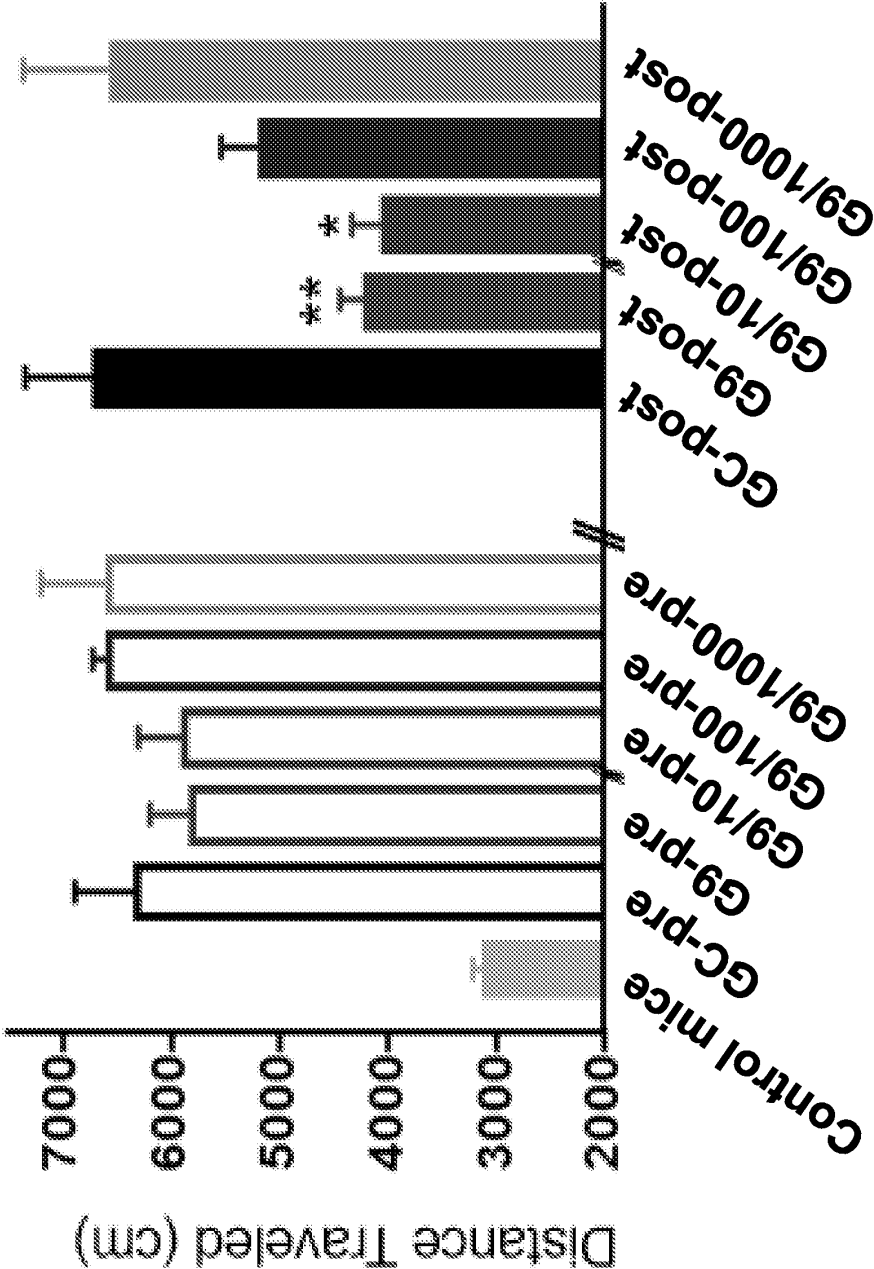


FIG. 16

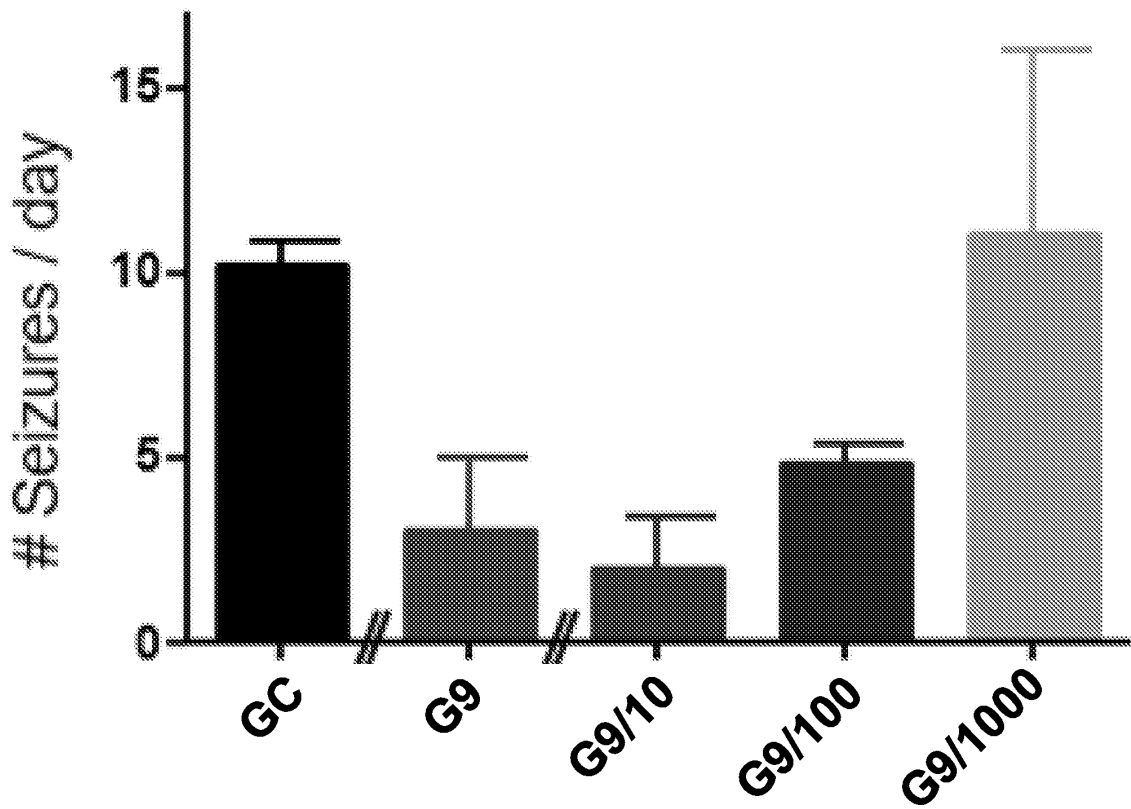


FIG. 17

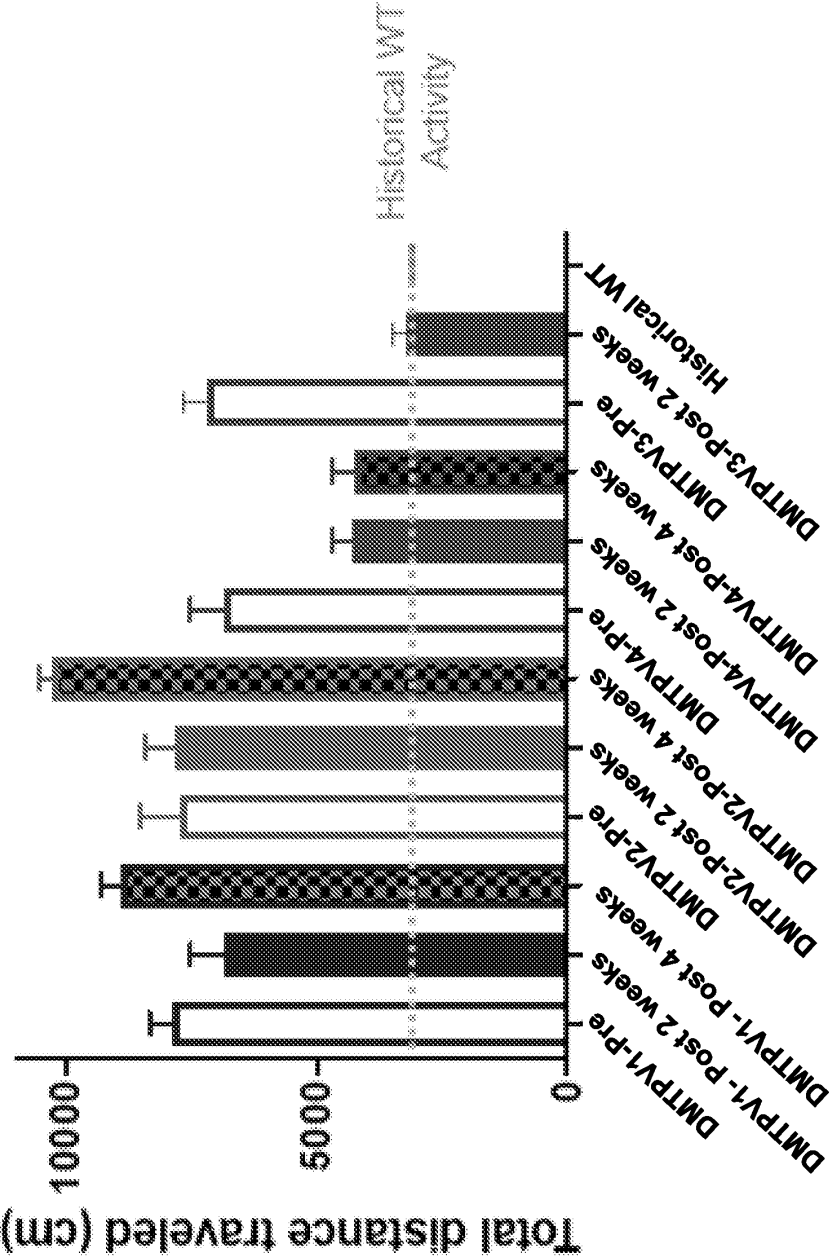


FIG. 18

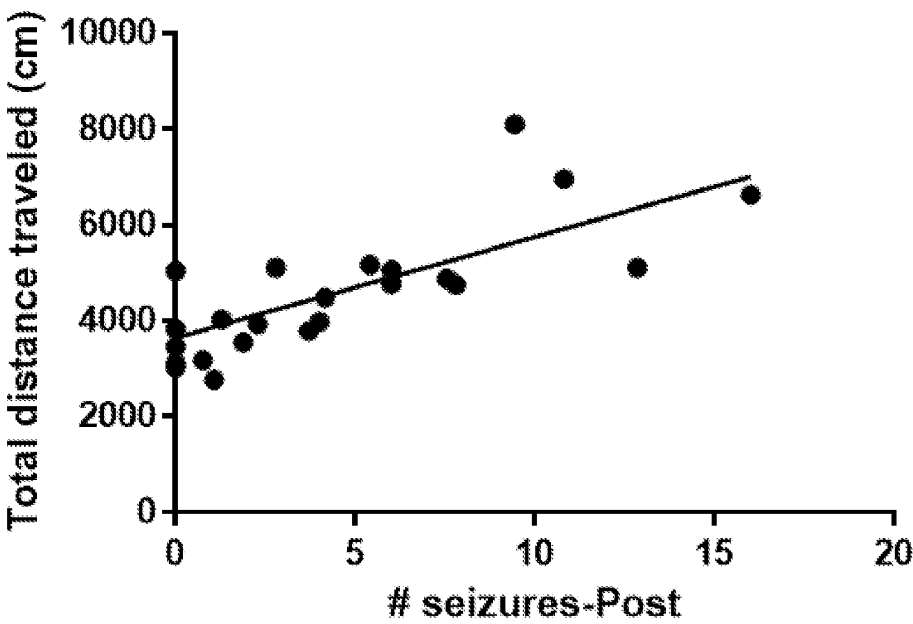


FIG. 19

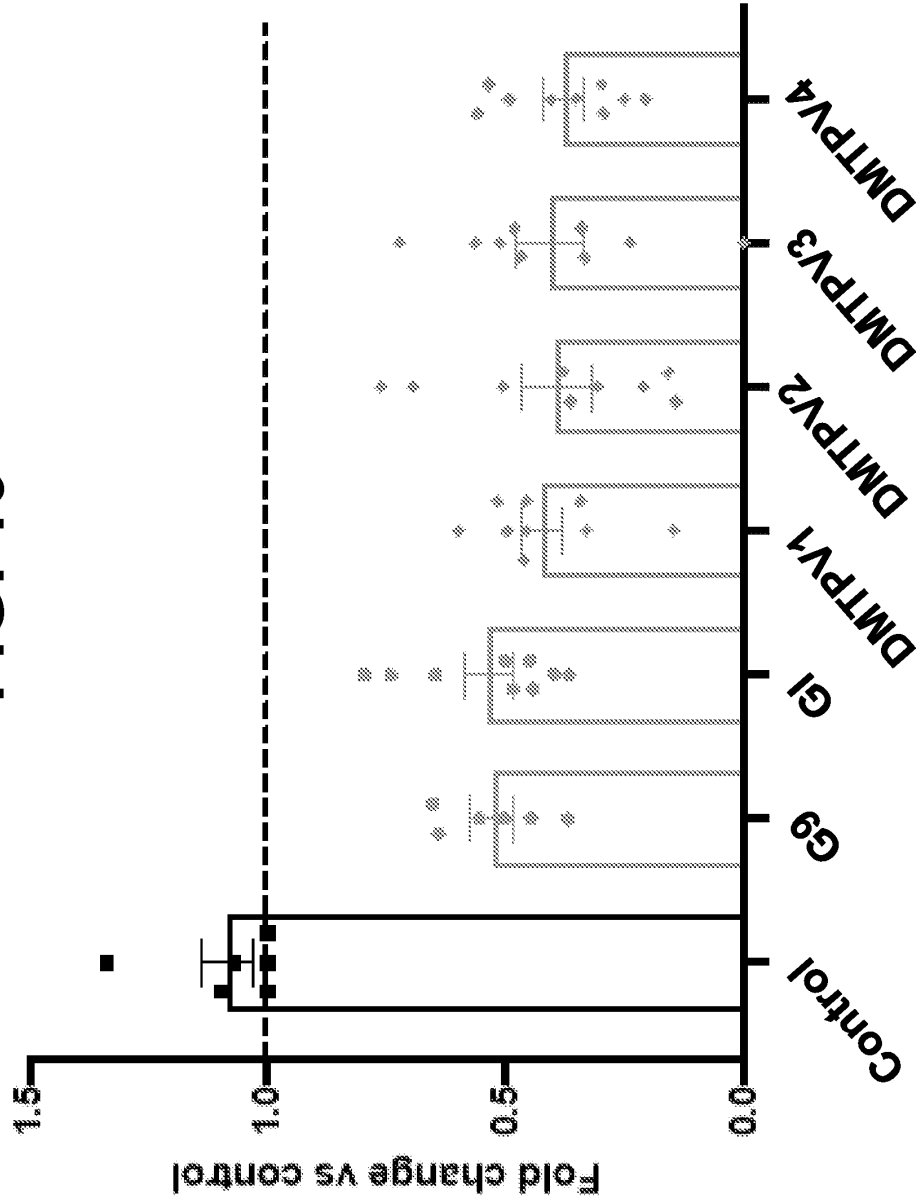


FIG. 20

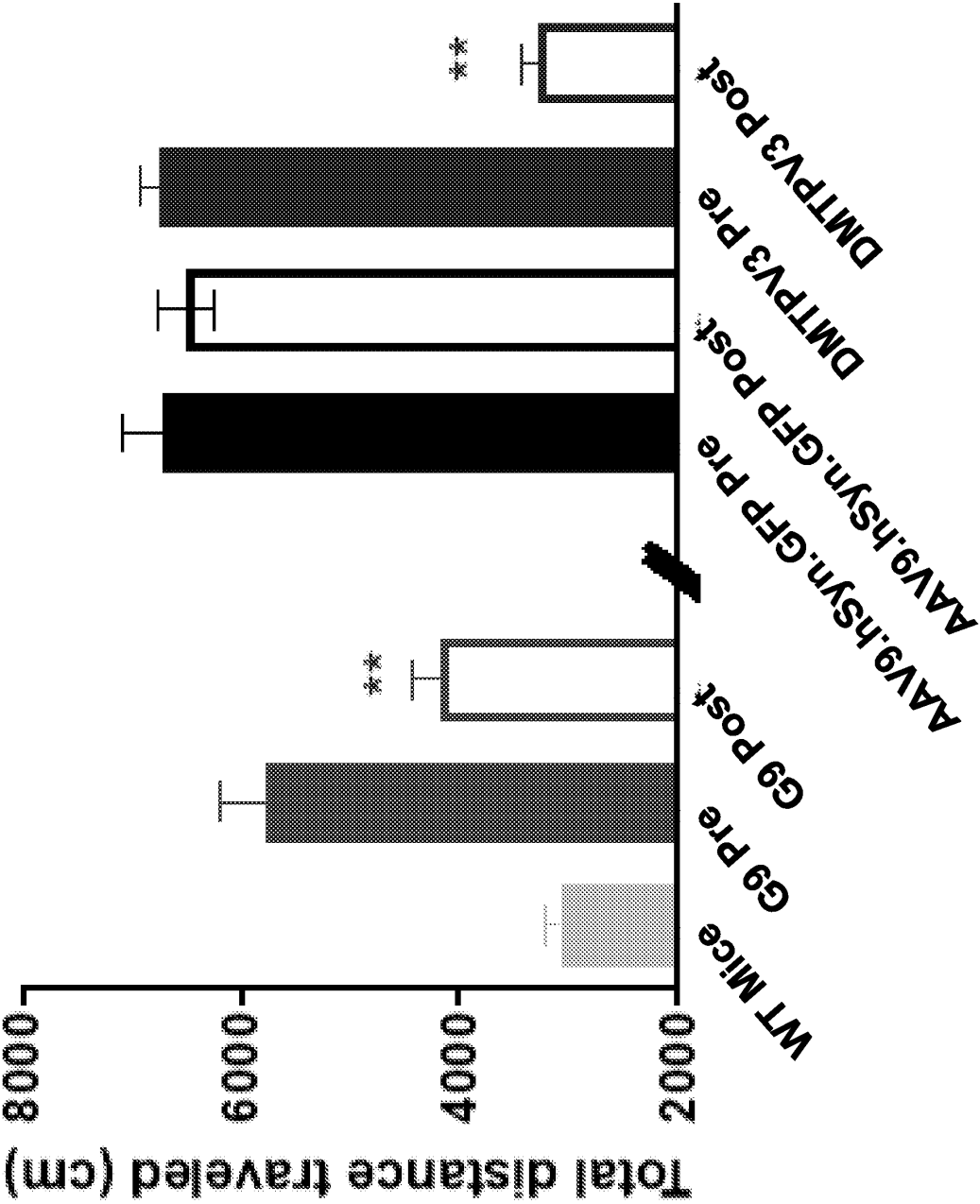


FIG. 21

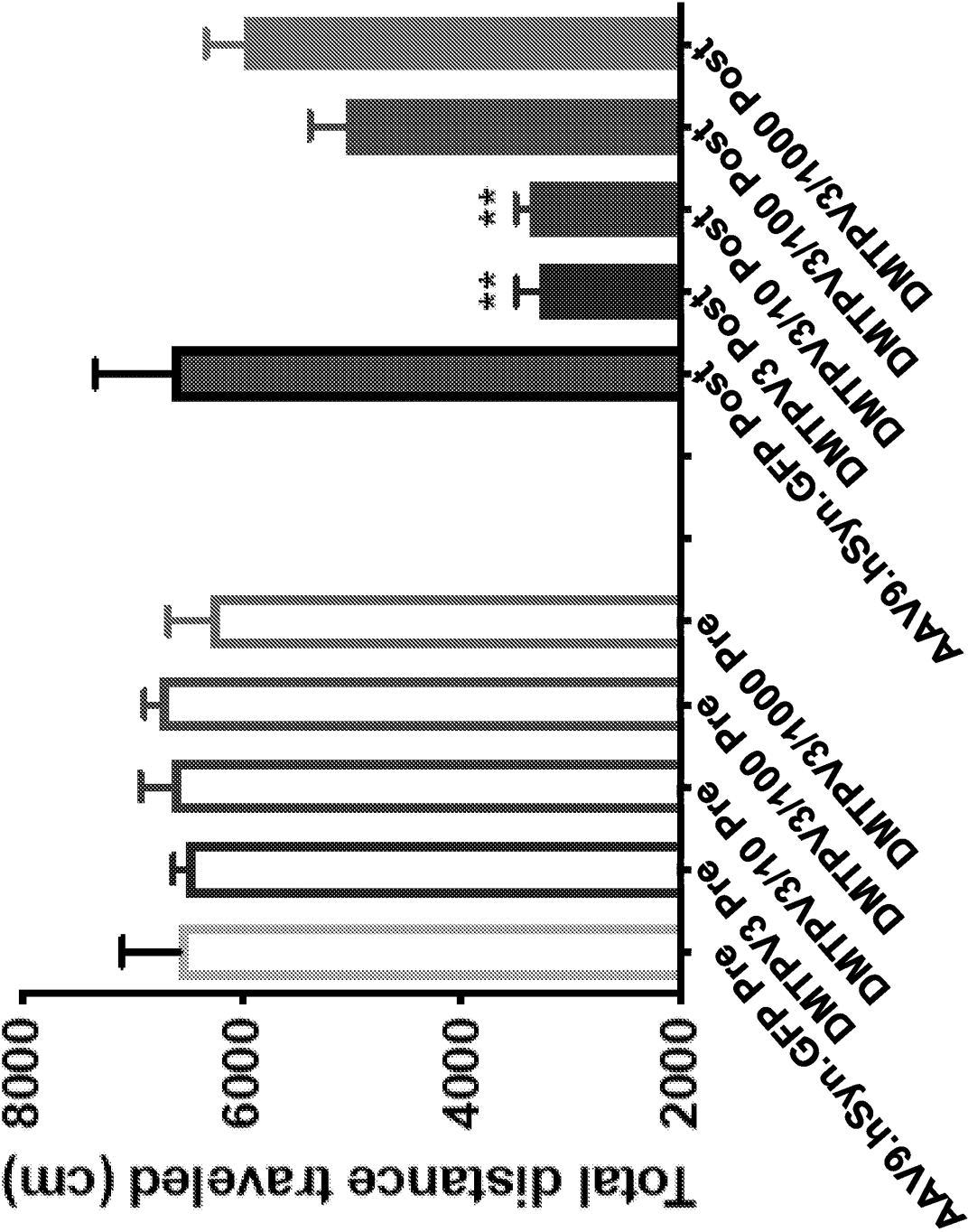


FIG. 22

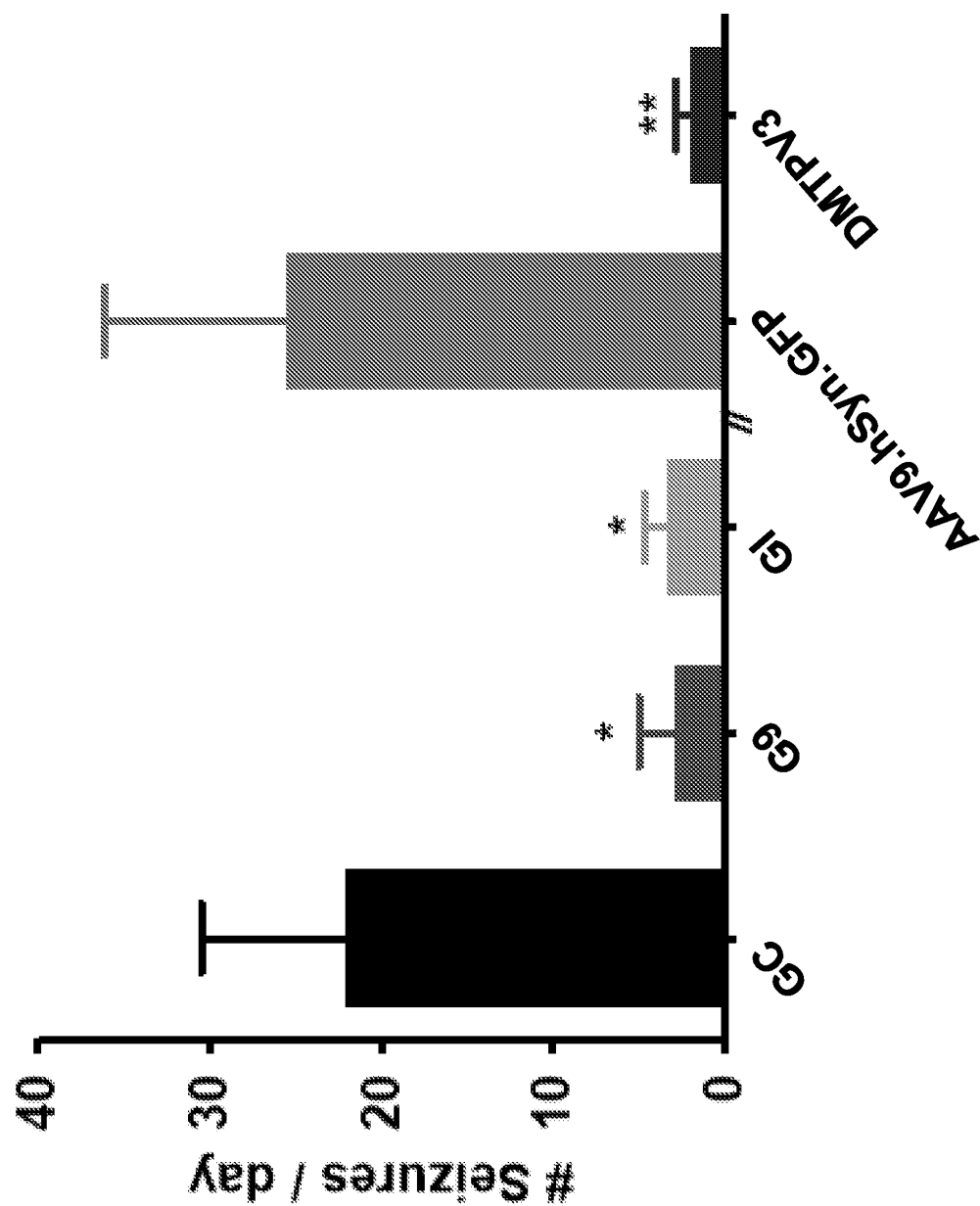


FIG. 23

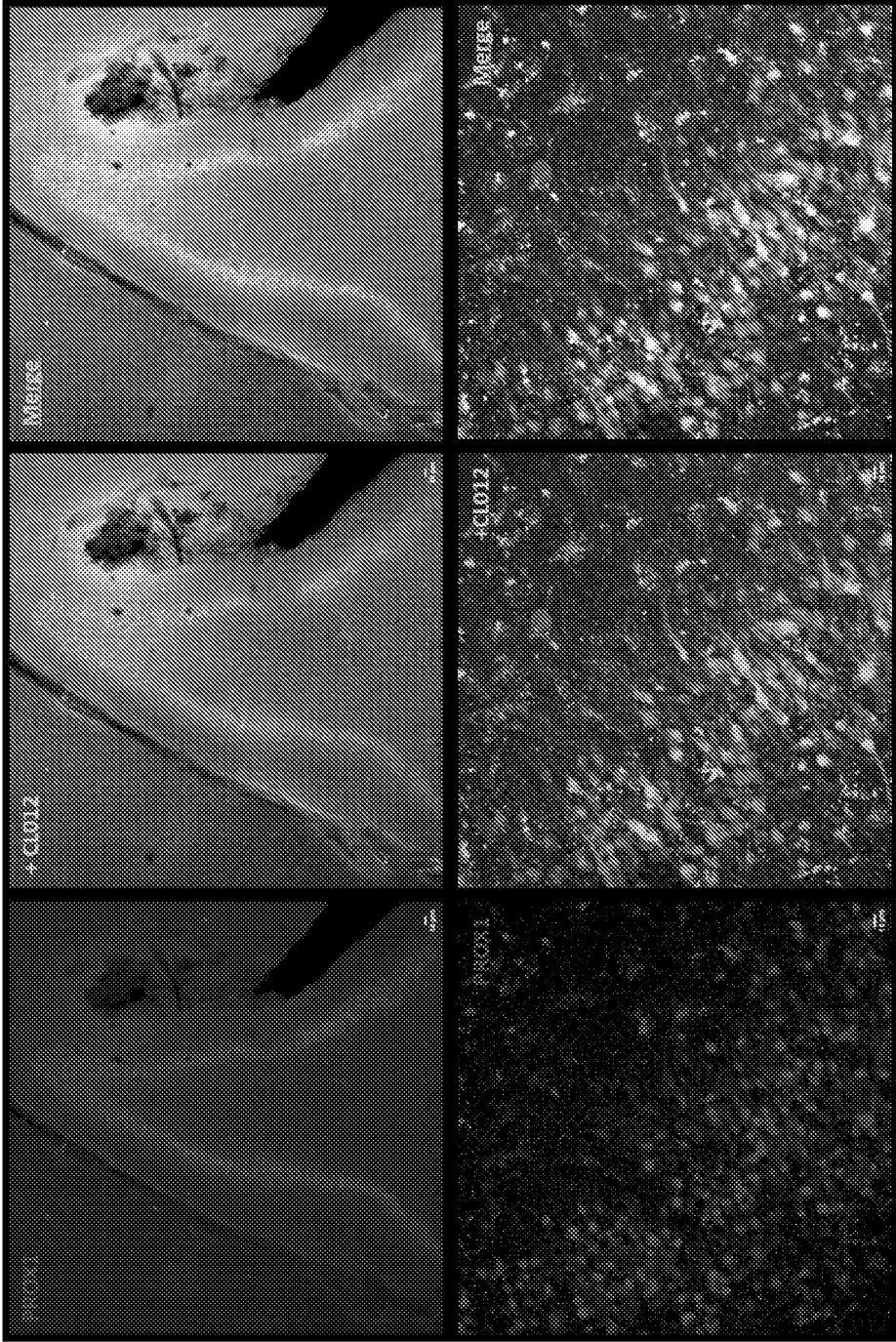


FIG. 24

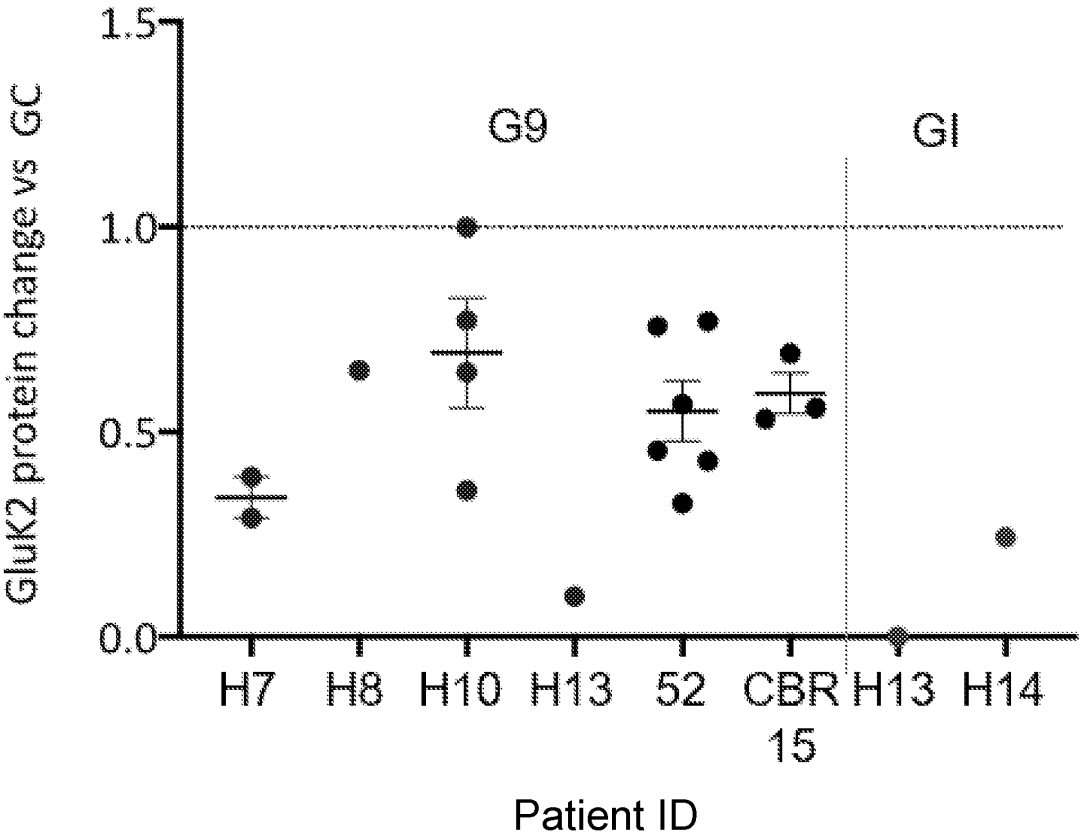


FIG. 25

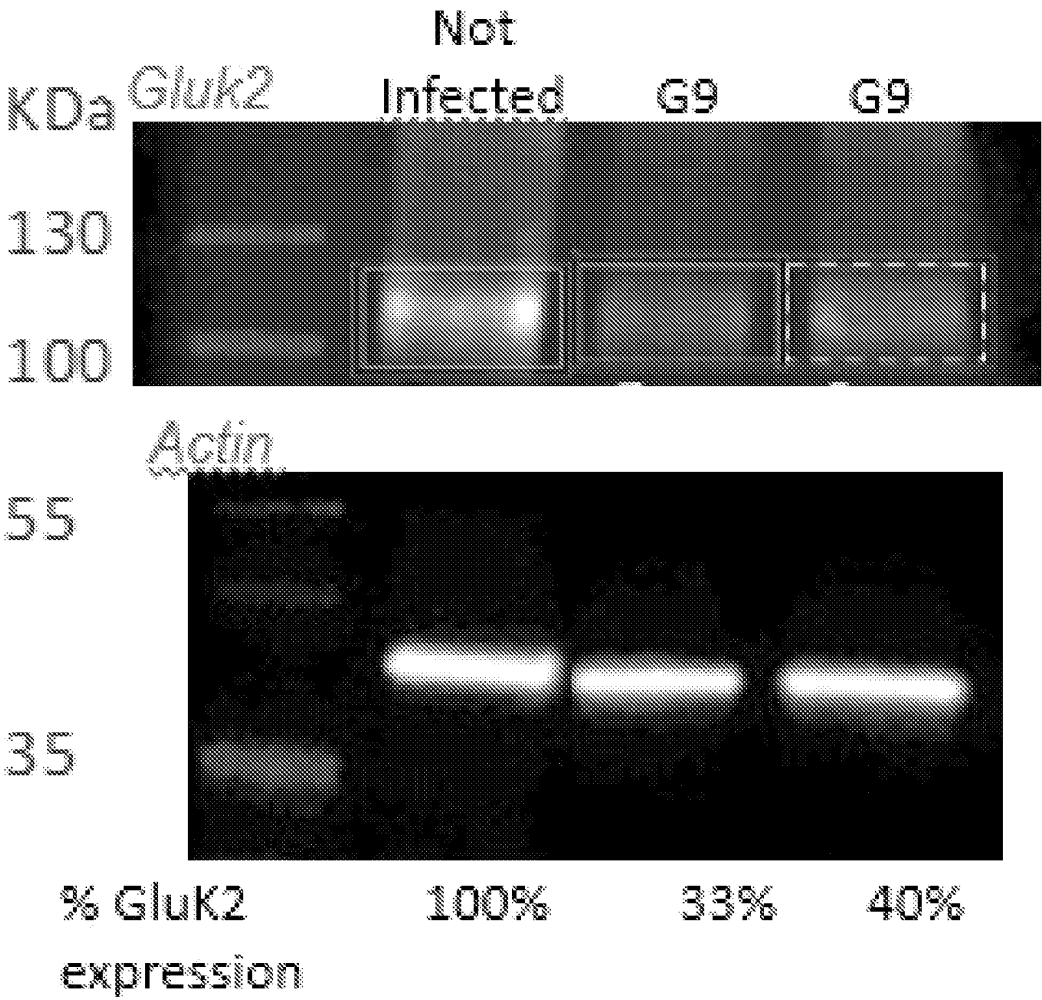


FIG. 26A

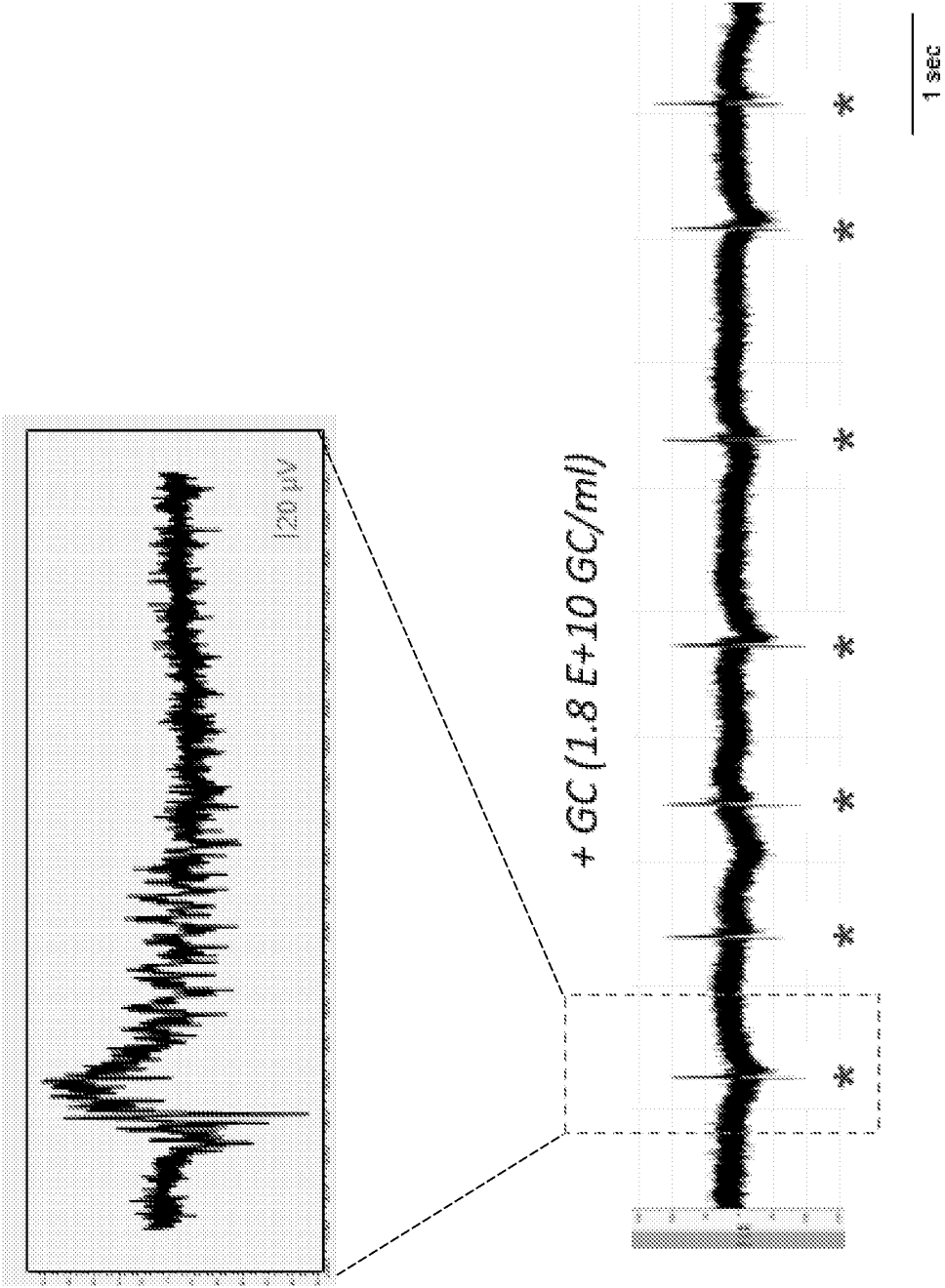


FIG. 26B

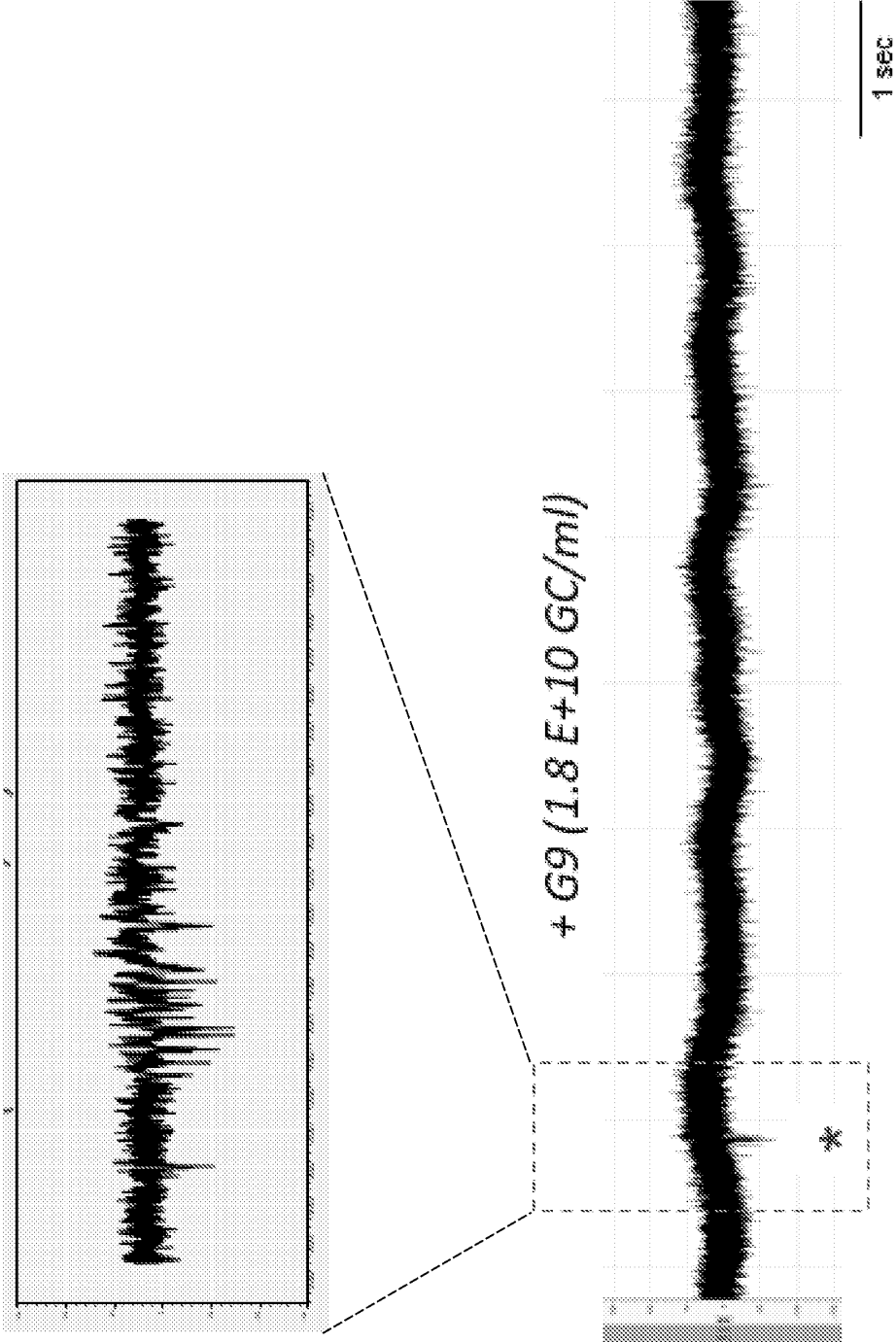


FIG. 26C

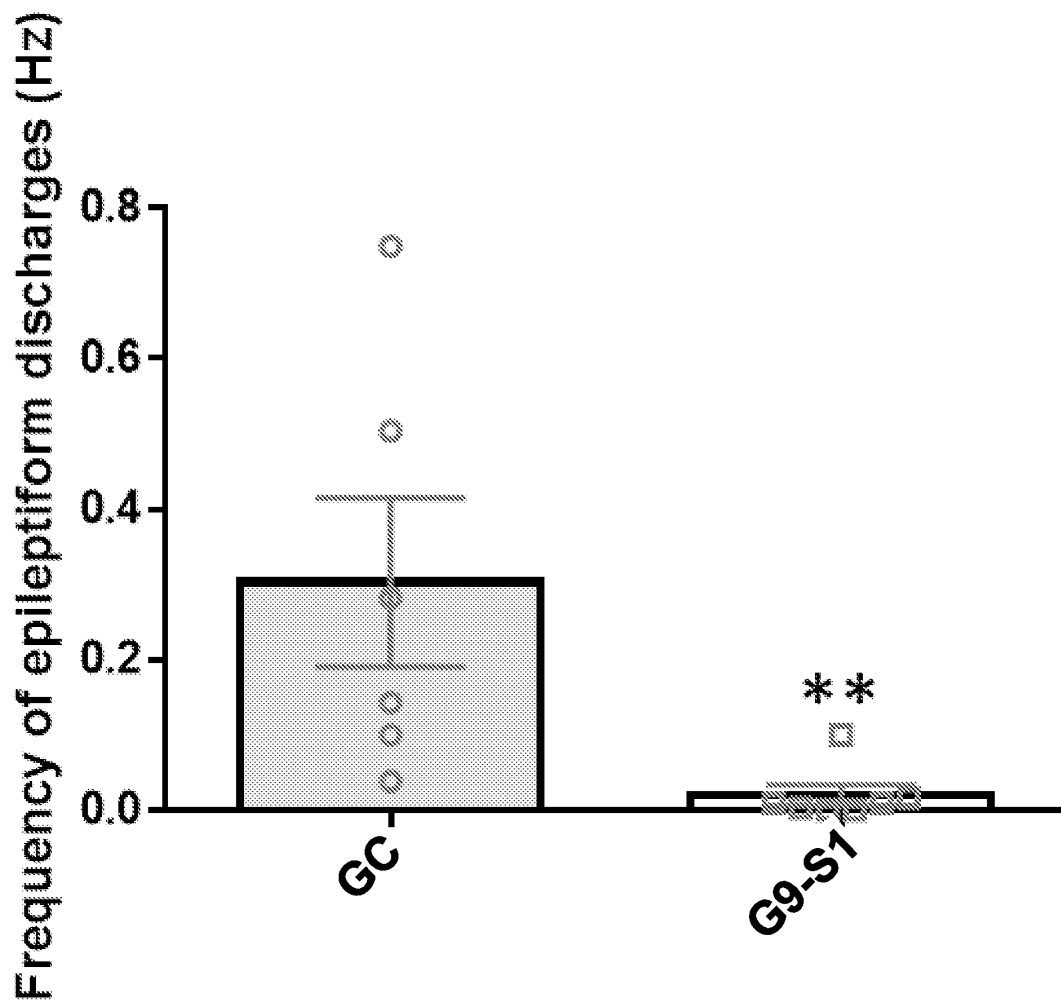


FIG. 27A

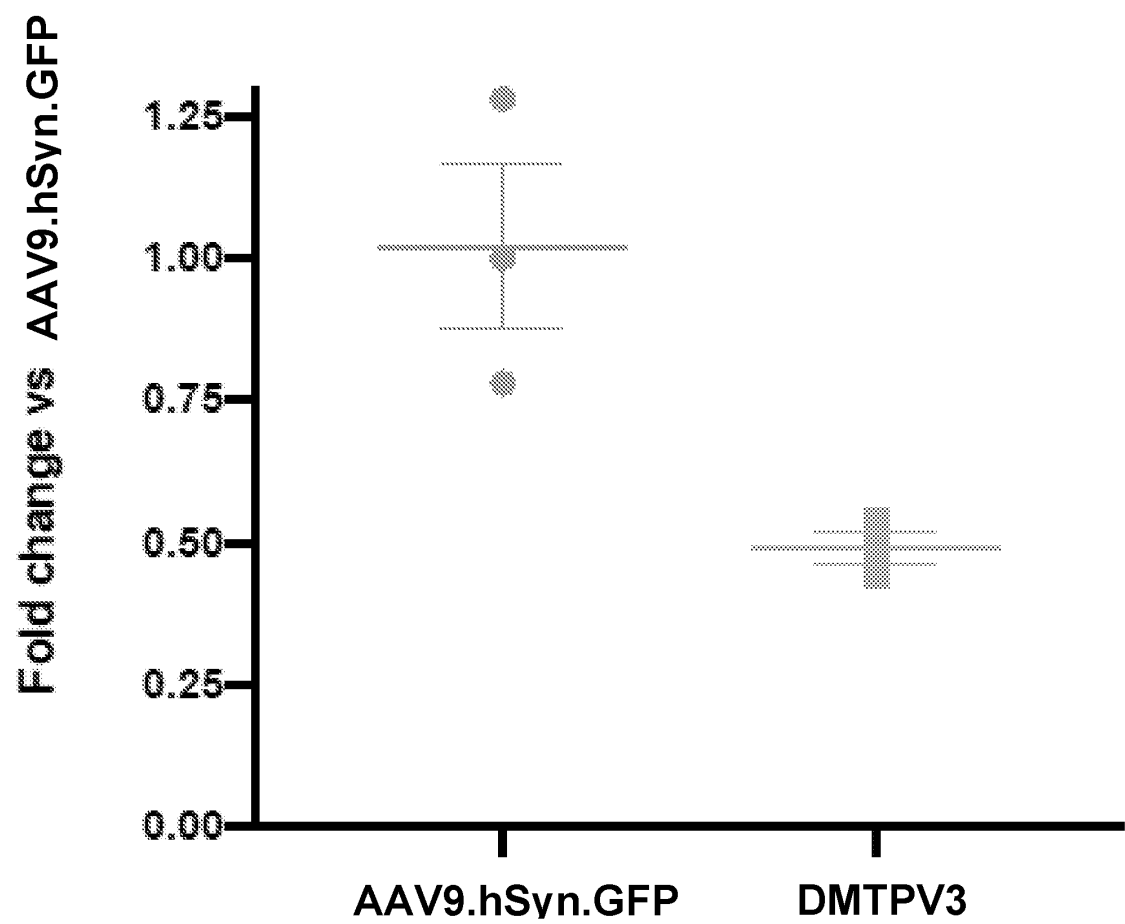


FIG. 27B

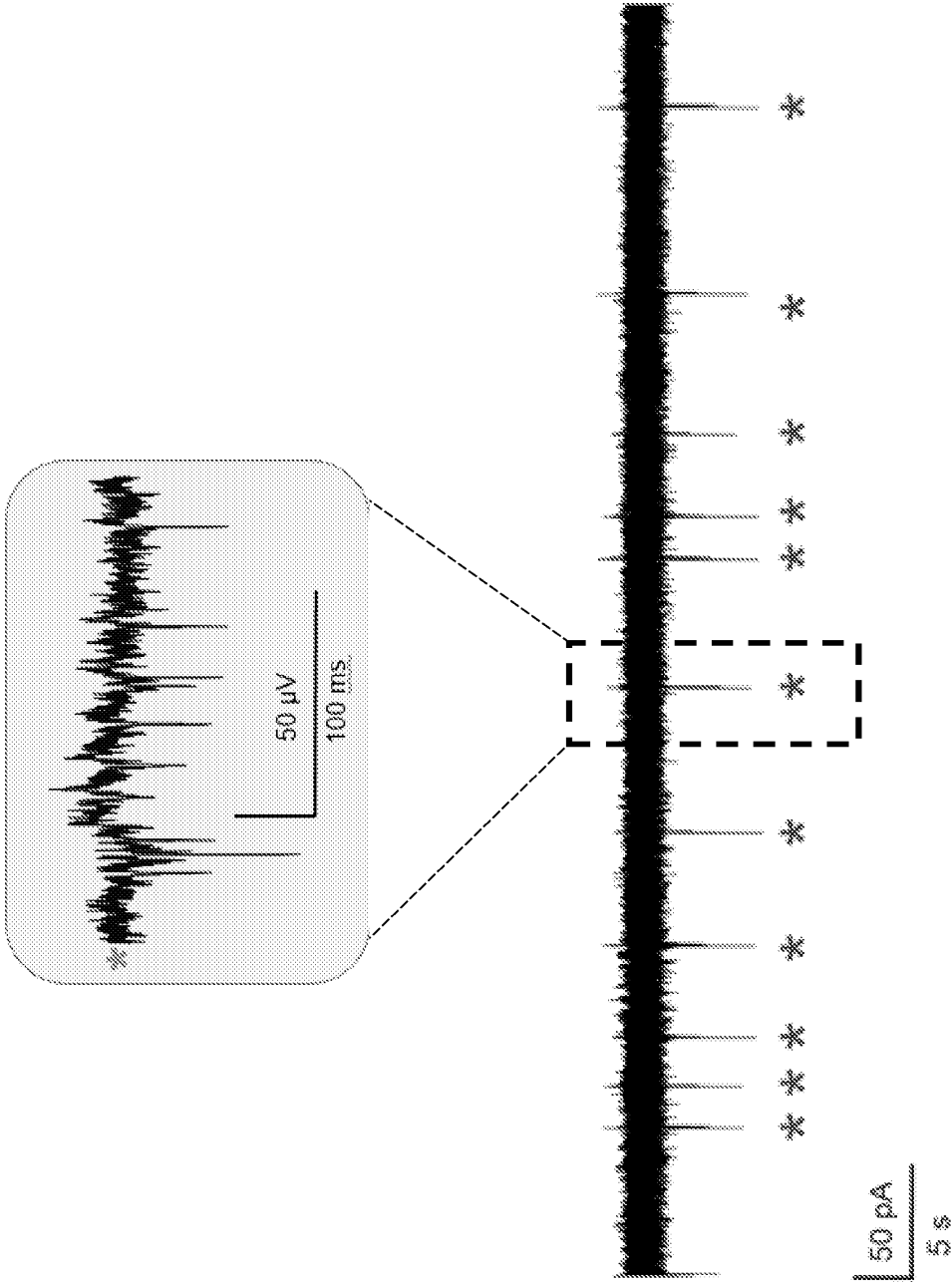


FIG. 27C

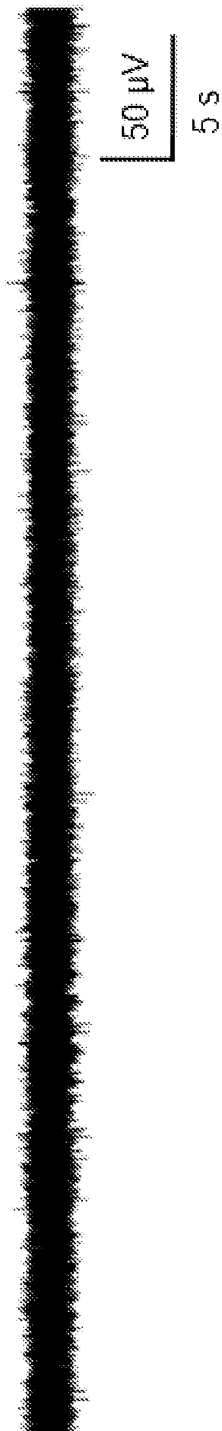


FIG. 27D

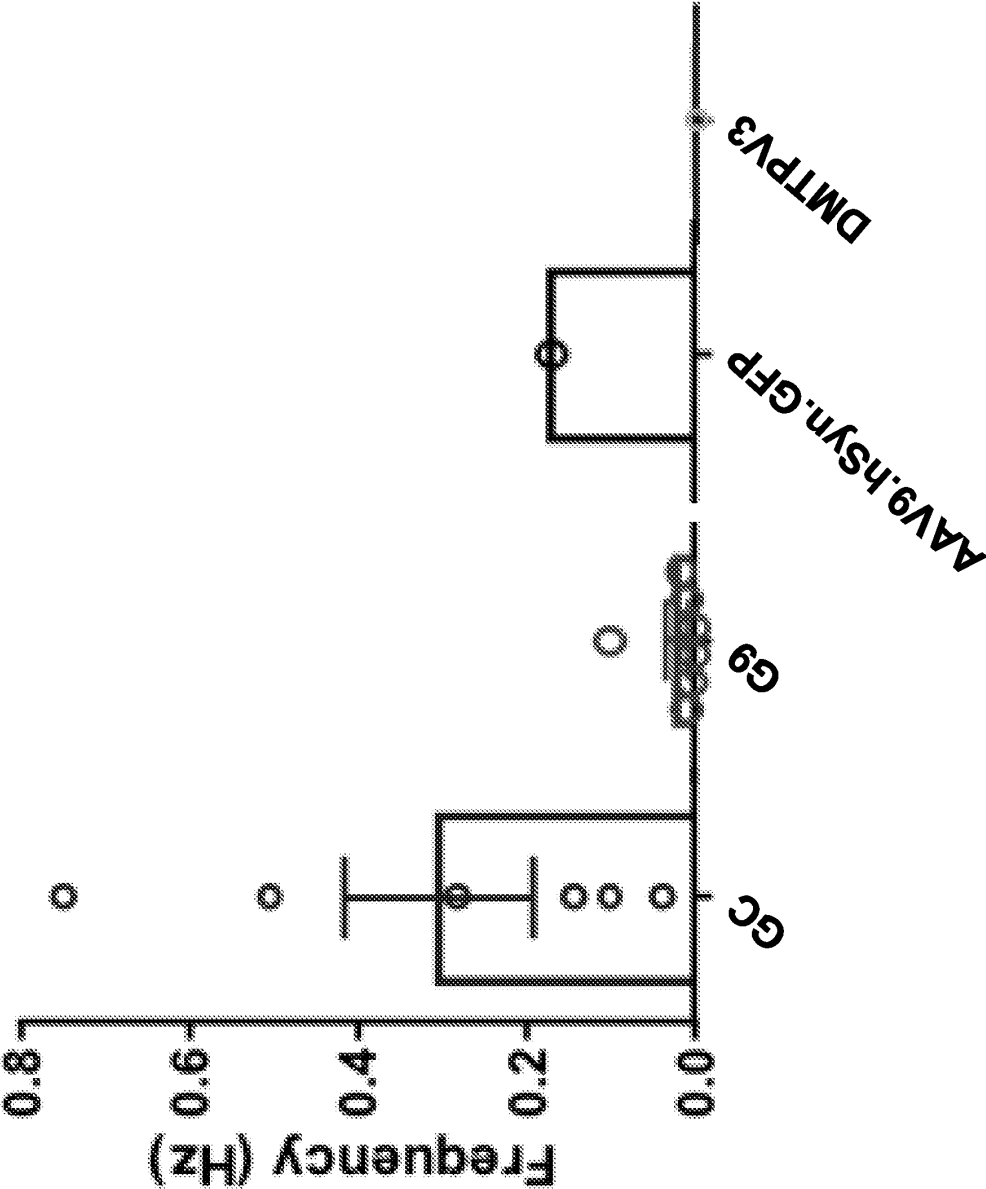


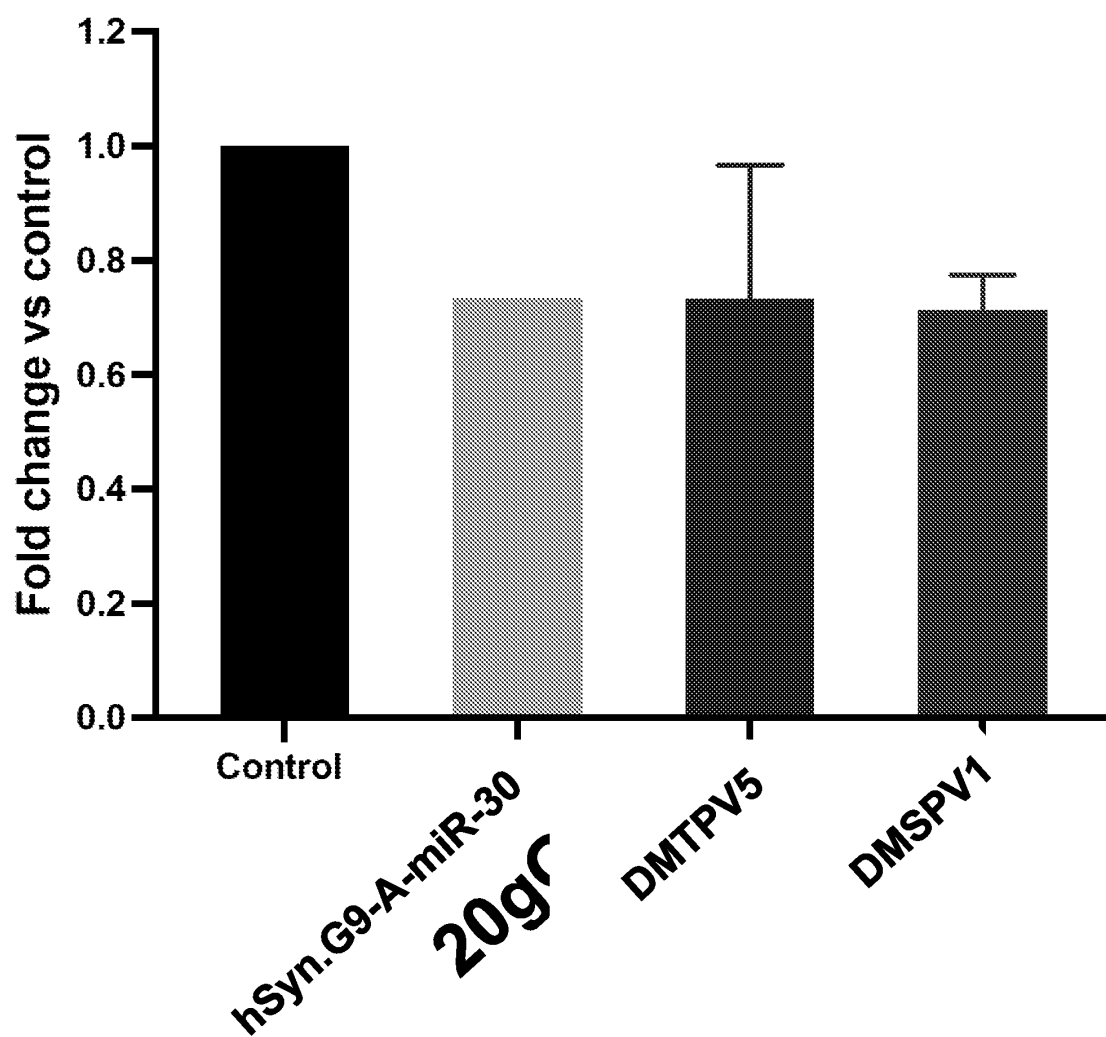
FIG. 28

FIG. 29

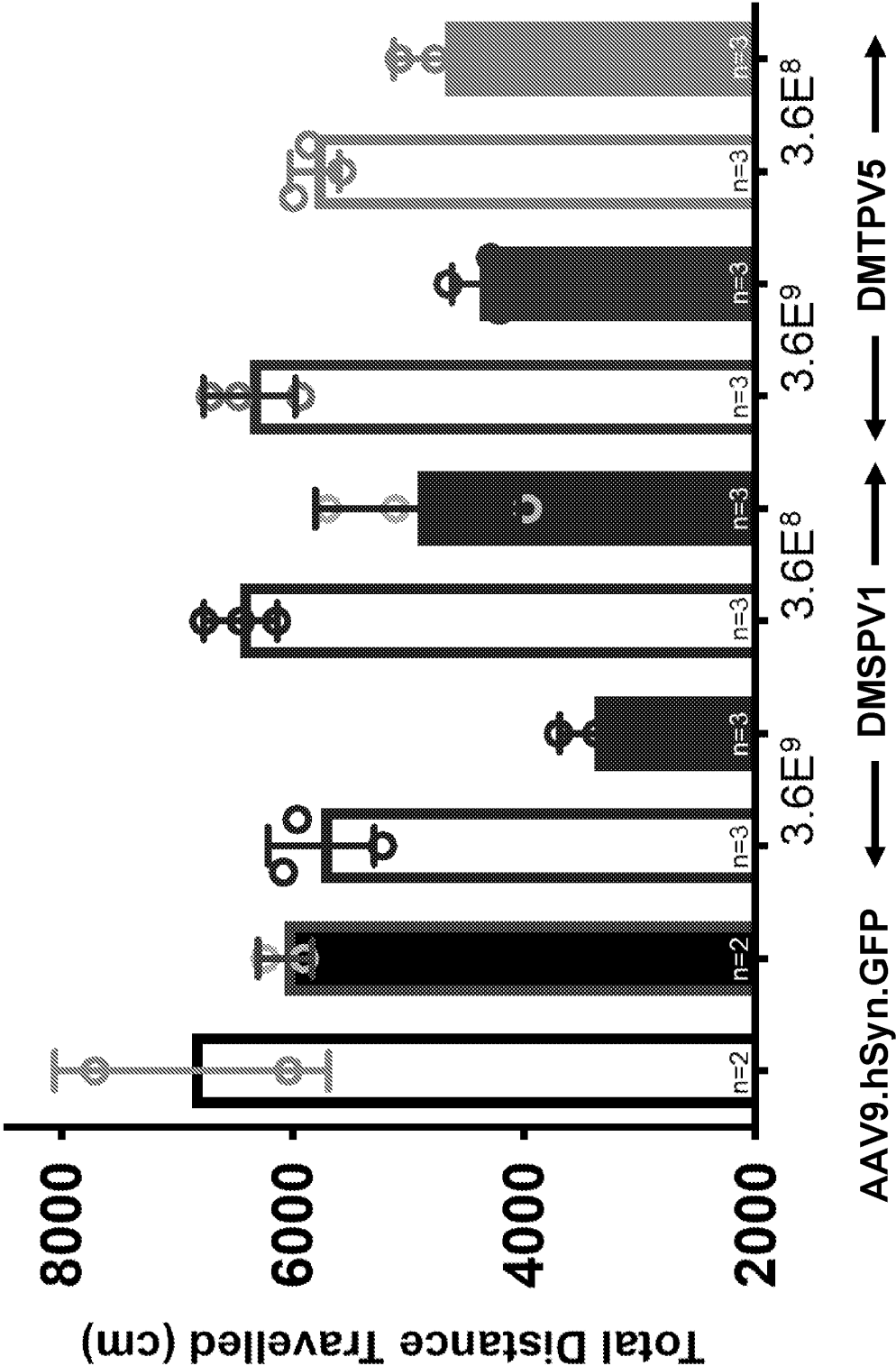


FIG. 30

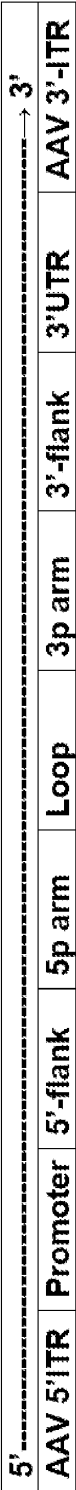


FIG. 31

