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(54) **Title:** METHODS AND COMPOSITIONS FOR TREATING EPILEPSY

FIG. 1A

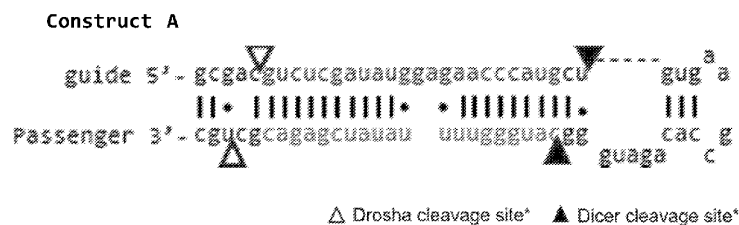
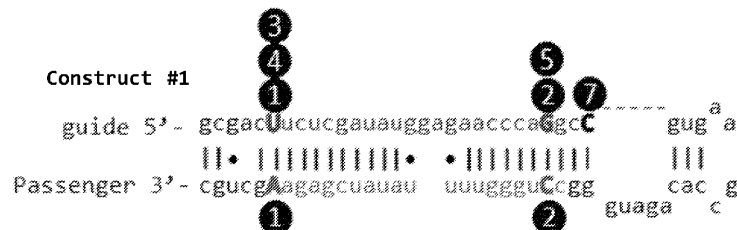


FIG. 1B



(57) **Abstract:** Disclosed are methods and compositions relating to antisense therapy for treating epilepsy, such as a temporal lobe epilepsy, in a subject in need thereof by targeting *Grik2* mRNA. In particular, the disclosure provides inhibitory RNA constructs capable of inhibiting expression of GluK2 protein and inhibiting epileptiform discharges in hyperexcitable neuronal circuits.

[Continued on next page]

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