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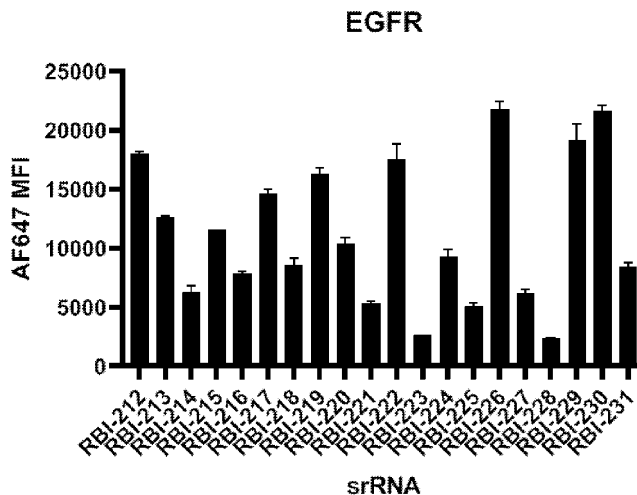


FIG. 1

(57) **Abstract:** The present disclosure relates to modified viral genomes or self-replicating RNAs (srRNAs) and pharmaceutical compositions containing the same, as well as the use of such nucleic acid molecules and compositions for production of desired products in cell cultures or in a living body. Also provided are methods for modulating a pharmacodynamic effect in a subject in need thereof, as well as methods for preventing and/or treating various health conditions and diseases.

[Continued on next page]

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