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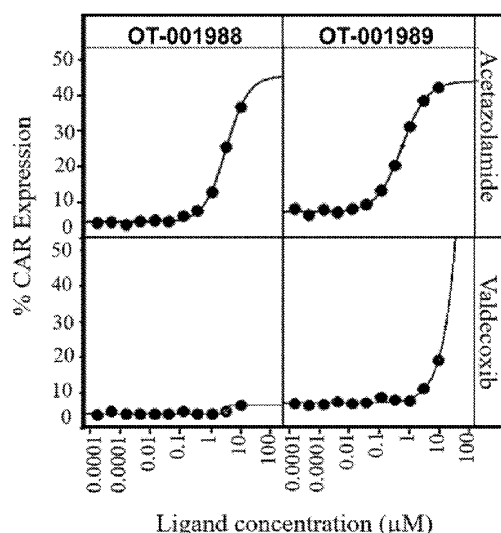
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(54) Title: HUMAN CARBONIC ANHYDRASE 2 COMPOSITIONS AND METHODS FOR TUNABLE REGULATION

FIGURE 1



(57) Abstract: The present disclosure provides regulatable biocircuit systems. Such systems provide modular and tunable protein expression systems in support of the discovery and development of therapeutic modalities. In particular, the present application is directed to fusion proteins comprising a fragment of human human carbonic anhydrase 2 and a chimeric antigen receptor (CAR). The activity of the destabilizing domain can be regulated by externally administered agents.

[Continued on next page]

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