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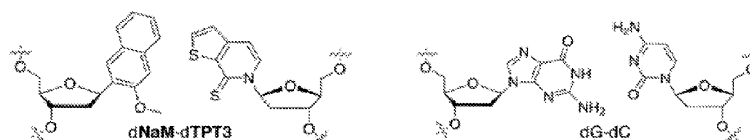
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(54) Title: UNNATURAL BASE PAIR COMPOSITIONS AND METHODS OF USE

FIG. 1A



(57) Abstract: Disclosed herein are methods, cells, engineered microorganisms, and kits for increasing the production of polypeptides comprising one or more unnatural amino acids. Further provided are cells, engineered microorganisms, and kits for increasing the retention of unnatural nucleic acids encoding the unnatural amino acids in an engineered cell, or semi-synthetic organism.



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