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(54) **Title:** ENGINEERED TERMINAL DEOXYNUCLEOTIDYL TRANSFERASE VARIANTS

(57) **Abstract:** The present invention provides engineered terminal deoxynucleotidyl transferase (TdT) polypeptides useful in template-independent polynucleotide synthesis, as well as compositions, methods of utilizing these engineered polypeptides, and polynucleotides encoding the engineered terminal deoxynucleotidyl transferases.

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