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(54) Title: ENGINEERED NUCLEOSIDE DEOXYRIBOSYLTRANSFERASE VARIANT ENZYMES

(57) Abstract: The present invention provides engineered nucleoside deoxyribosyltransferase (NDT) enzymes, polypeptides having NDT activity, and polynucleotides encoding these enzymes, as well as vectors and host cells comprising these polynucleotides and polypeptides. Methods for producing NDT enzymes are also provided. The present invention further provides compositions comprising the NDT enzymes and methods of using the engineered NDT enzymes. The present invention finds particular use in the production of pharmaceutical compounds.

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