

Title (en)

DNA POLYMERASES WITH REDUCED BASE ANALOG DETECTION ACTIVITY

Title (de)

DNA-POLYMERASE MIT REDUZIERTER NACHWEISAKTIVITÄTFÜR BASENANALOG

Title (fr)

ADN POLYMERASES A ACTIVITE DE DETECTION ANALOGIQUE A BASE REDUITE

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Application

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Abstract (en)

[origin: WO2004038007A2] The invention relates to the generation and characterization of archaeal DNA polymerase mutants with reduced base analog detection activity. The invention further provides for archaeal DNA polymerase mutants with reduced base analog detection activity containing additional mutations that modulate other DNA polymerase activities including DNA polymerization or 3'-5' exonuclease activity. The invention also discloses methods and applications of DNA polymerases with reduced base analog detection activity.

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