

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

Publication

EP 1578951 A4 20051116 (EN)

Application

EP 03809647 A 20031024

Priority

- US 0333997 W 20031024
- US 28096202 A 20021025
- US 29868002 A 20021118
- US 40860103 A 20030407

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.

IPC 1-7

C12N 9/12; C12N 15/03

IPC 8 full level

C07H 21/04 (2006.01); **C12N 1/21** (2006.01); **C12N 9/12** (2006.01); **C12N 9/22** (2006.01); **C12N 15/03** (2006.01); **C12P 19/34** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

C07H 21/04 (2013.01); **C12N 9/1252** (2013.01); **C12Q 1/6869** (2013.01)

Citation (search report)

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- [A] WO 0192501 A1 20011206 - MJ BIOWORKS INC [US], et al
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- See references of WO 2004038007A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004038007 A2 20040506; WO 2004038007 A3 20050210; AU 2003301590 A1 20040513; CA 2503038 A1 20040506; EP 1578951 A2 20050928; EP 1578951 A4 20051116; JP 2006507012 A 20060302

DOCDB simple family (application)

US 0333997 W 20031024; AU 2003301590 A 20031024; CA 2503038 A 20031024; EP 03809647 A 20031024; JP 2005501697 A 20031024