

Title (en)

OLIGONUCLEOTIDES, USE, METHOD OF DETECTION AND KIT FOR DIAGNOSING THE PRESENCE OF THE E1 GENE OF THE CHIKUNGUNYA VIRUS

Title (de)

OLIGONUKLEOTIDE, VERWENDUNG DAVON SOWIE ERKENNUNGSVERFAHREN UND KIT ZUR FESTSTELLUNG DER ANWESENHEIT DES E1-GENS DES CHIKUNGUNYA-VIRUS

Title (fr)

OLIGONUCLEOTIDES, UTILISATION, METHODE DE DETECTION ET KIT PERMETTANT DE DIGANOSTIQUER LA PRESENCE DU GENE E1 DU VIRUS DE CHIKUNGUNYA

Publication

**EP 2185731 A2 20100519 (FR)**

Application

**EP 08835332 A 20080911**

Priority

- FR 2008051625 W 20080911
- FR 0757598 A 20070914

Abstract (en)

[origin: WO2009044085A2] The present invention concerns oligonucleotides intended to enable the amplification and the detection of a target sequence located in the E1 gene of the Chikungunya virus. These oligonucleotides are between 10 and 50 nucleotides in length and comprise at least one fragment of 10 consecutive nucleotides derived from the following sequences: SEQ ID No. 1: 5'-CTCTTACCGGGTTTGTGC-3' or SEQ ID No. 2: 5'-GCCTGGACACCTTTTCGAC-3', or the sequence complementary thereto. The invention also concerns the oligonucleotide which enables detection of the amplicons, the use of these oligonucleotides, a method of detection and a kit for diagnosing the presence of the E1 gene of the Chikungunya virus. The invention has a preferred use in the diagnostics field.

IPC 8 full level

**C12Q 1/68** (2006.01)

CPC (source: EP US)

**C12Q 1/701** (2013.01 - EP US); **Y02A 50/30** (2017.12 - US)

Citation (search report)

See references of WO 2009044085A2

Citation (examination)

TELLES J-N ET AL: "Evaluation of real-time nucleic acid sequence-based amplification for detection of Chikungunya virus in clinical samples.", JOURNAL OF MEDICAL MICROBIOLOGY SEP 2009 LNKD- PUBMED:19528148, vol. 58, no. Pt 9, September 2009 (2009-09-01), pages 1168 - 1172, ISSN: 0022-2615

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