

Title (en)

ANTISENSE OLIGONUCLEOTIDES TO INHIBIT EXPRESSION OF MUTATED AND WILD TYPE GENES FOR COLLAGEN.

Title (de)

ANTISENSE-OLIGONUKLEOTIDE ZUR HEMMUNG DER EXPRESSION MUTIERTER GENE UND WILDTPYGENE DES COLLAGENS.

Title (fr)

OLIGONUCLEOTIDES ANTISENS UTILISES POUR INHIBER L'EXPRESSION DE GENES DE COLLAGENE AYANT SUBIS UNE MUTATION ET DE TYPE SAUVAGE.

Publication

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Application

EP 94901327 A 19931109

Priority

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- US 97333292 A 19921109

Abstract (en)

[origin: WO9411494A1] The invention is an oligonucleotide substantially complementary to a mutant collagen nucleotide sequence and not perfectly complementary to a wild type collagen nucleotide sequence, methods for selecting and preparing such an oligonucleotide, and methods for treating mammals having diseases exhibiting mutant collagen gene expression using such an oligonucleotide to inhibit mutant collagen gene expression.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [PX] WO 9304701 A1 19930318 - UNIV CONNECTICUT [US]
- [OX] COLIGE, A. ET AL.: "USE OF AN ANTISENSE OLIGONUCLEOTIDE TO INHIBIT EXPRESSION OF A MUTATED HUMAN PROCOLLAGEN GENE (COL1A1) IN TRANSFECTED MOUSE 3T3 CELLS.", MATRIX 13 (1). 1993. 30., XP002032407 & FOURTH INTERNATIONAL CONFERENCE ON THE MOLECULAR BIOLOGY AND PATHOLOGY OF MATRIX, JUNE 10-13, 1992.
- [PX] COLIGE, A. ET AL.: "Use of an antisense oligonucleotide to inhibit expression of a mutated human procollagen gene (COL1A1) in transfected mouse 3T3 cells.", BIOCHEMISTRY, (1993 JAN 12) 32 (1) 7-11., XP002032408
- See references of WO 9411494A1

Designated contracting state (EPC)

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