

Title (en)

GENES AND PROTEINS INVOLVED IN THE BIOSYNTHESIS OF LIPOPEPTIDES

Title (de)

GENE UND PROTEINE, DIE AN DER BIOSYNTHESE VON LIPOPEPTIDEN BETEILIGT SIND

Title (fr)

GENES ET PROTEINES IMPLIQUES DANS LA BIOSYNTHESE DE LIPOPEPTIDES

Publication

**EP 1458868 A2 20040922 (EN)**

Application

**EP 02787309 A 20021224**

Priority

- CA 0202021 W 20021224
- US 34213301 P 20011226
- US 37278902 P 20020417

Abstract (en)

[origin: WO03060128A2] The invention relates to isolated polypeptides involved in lipopeptide biosynthesis and polynucleotides encoding such polypeptides. In particular, the isolated polypeptide may be an acyl-specific C-domain, an adenylating enzyme, or an acyl carrier. The invention also relates to methods for detecting a polypeptide involved in lipopeptide biosynthesis or a polynucleotide encoding such a polypeptide, as well as relevant useful computer readable medium and computer systems.

IPC 1-7

**C12N 15/52**; **C12N 15/31**; **C12N 1/21**; **C07K 14/36**; **C07K 16/12**; **C07K 16/40**

IPC 8 full level

**C12N 15/09** (2006.01); **C07K 14/36** (2006.01); **C07K 14/365** (2006.01); **C12N 1/21** (2006.01); **C12N 9/00** (2006.01); **C12N 9/02** (2006.01); **C12N 15/31** (2006.01); **C12N 15/52** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

**C07K 14/36** (2013.01); **C12N 15/52** (2013.01)

Citation (search report)

See references of WO 03060127A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE SI TR

DOCDB simple family (publication)

**WO 03060128 A2 20030724**; **WO 03060128 A3 20040610**; AU 2002351636 A1 20030730; AU 2002351637 A1 20030730; CA 2412226 A1 20030622; EP 1458868 A2 20040922; EP 1461434 A2 20040929; JP 2005514067 A 20050519; WO 03060127 A2 20030724; WO 03060127 A3 20040429

DOCDB simple family (application)

**CA 0202022 W 20021224**; AU 2002351636 A 20021224; AU 2002351637 A 20021224; CA 0202021 W 20021224; CA 2412226 A 20021224; EP 02787309 A 20021224; EP 02787310 A 20021224; JP 2003560212 A 20021224