

Title (en)

GENES FOR THE BIOSYNTHESIS OF ANTICAPSIN AND BACILYSINE, THEIR ISOLATION AND THEIR USE

Title (de)

GENE ZUR BIOSYNTHESE VON ANTICAPSIN UND BACILYSIN, IHRE ISOLIERUNG UND VERWENDUNG

Title (fr)

GENES POUR LA BIOSYNTHESE D'ANTICAPSINE ET DE BACILYSINE, LEUR ISOLEMENT ET LEUR UTILISATION

Publication

**EP 1097214 A2 20010509 (DE)**

Application

**EP 99947209 A 19990712**

Priority

- DE 9902179 W 19990712
- DE 19830912 A 19980710
- DE 19921807 A 19990511

Abstract (en)

[origin: DE19932908A1] The bac gene involved in biosynthesis of anticapsin and bacilysine or their fragments, mutants and variants, is new. Independent claims are also included for: (i) an RNA sequence wholly or partly complementary to the DNA sequence of the bac gene; (ii) a recombinant vector or plasmid containing a gene for anticapsin or bacilysine; (iii) the open reading frame ywfA-C (SubtiList database) in the insert of recombinant plasmids pSB660 which participate in the function of bacilysine biosynthesis in Bacillus host species and were therefore renamed bacA to bacF; and (iv) isolating a bac gene as above.

IPC 1-7

**C12N 15/31**; **C07K 14/32**; **C12N 15/75**

IPC 8 full level

**C07K 14/32** (2006.01); **C12N 15/31** (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP)

**C07K 14/32** (2013.01); **C12P 21/02** (2013.01)

Citation (search report)

See references of WO 0003009A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**DE 19932908 A1 20000120**; AU 6077499 A 20000201; CA 2334079 A1 20000120; EP 1097214 A2 20010509; WO 0003009 A2 20000120; WO 0003009 A3 20000504

DOCDB simple family (application)

**DE 19932908 A 19990712**; AU 6077499 A 19990712; CA 2334079 A 19990712; DE 9902179 W 19990712; EP 99947209 A 19990712