

Title (en)

THE GENE CLUSTER INVOLVED IN ACLACINOMYCIN BIOSYNTHESIS, AND ITS USE FOR GENETIC ENGINEERING

Title (de)

GENGRUPPE MIT BEZUG ZUR ACLACINOMYCIN-BIOSYNTHESE UND IHRE ANWENDUNG IN DER GENTECHNOLOGISCHEN MANIPULATION

Title (fr)

GROUPE DE GENES INTERVENANT DANS LA BIOSYNTHESE DE L'ACLACINOMYCINE ET SON UTILISATION EN GENIE GENETIQUE

Publication

EP 1133562 A1 20010919 (EN)

Application

EP 00960747 A 20000925

Priority

- FI 0000819 W 20000925
- FI 19992085 A 19990929

Abstract (en)

[origin: WO0123578A1] This invention relates to the gene cluster for aclacinomycin biosynthesis being included in a 7kb <i>Xho</i>-I-<i>Not</i>-I fragment and a flanked 8.5kb <i>Bgl</i>-II fragment derived from <i>Streptomyces galilaeus</i>, and the use of the genes included therein to obtain hybrid antibiotics, or to increase yields of aclacinomycins or related antibiotics.

IPC 1-7

C12N 15/52; **C12P 19/56**

IPC 8 full level

C12N 15/09 (2006.01); **C12N 1/20** (2006.01); **C12N 15/52** (2006.01); **C12P 1/06** (2006.01); **C12P 19/56** (2006.01)

CPC (source: EP)

C12N 15/52 (2013.01); **C12P 19/56** (2013.01)

Citation (search report)

See references of WO 0123578A1

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)

WO 0123578 A1 20010405; **WO 0123578 A9 20011101**; EP 1133562 A1 20010919; FI 107739 B 20010928; FI 19992085 A 20010329; JP 2003510081 A 20030318

DOCDB simple family (application)

FI 0000819 W 20000925; EP 00960747 A 20000925; FI 19992085 A 19990929; JP 2001526960 A 20000925