

Title (en)
METHODS OF MODULATING FABH ACTIVITY

Title (de)
METHODEN ZUR MODULATION DER FABH AKTIVITÄT

Title (fr)
PROCEDES DE MODULATION DE L'ACTIVITE DE FABH

Publication
EP 1178820 A4 20030423 (EN)

Application
EP 00928847 A 20000504

Priority
• US 0012250 W 20000504
• US 13271499 P 19990506

Abstract (en)
[origin: WO0067780A1] The invention provides FabH polypeptides and polynucleotides encoding FabH polypeptides and methods for producing such polypeptides by recombinant techniques. Also provided are methods for utilizing FabH polypeptides to screen for antibacterial compounds.

IPC 1-7
A61K 38/51; **C12N 9/00**; **C12N 1/20**; **C12N 9/10**

IPC 8 full level
A61K 45/00 (2006.01); **A61P 31/04** (2006.01); **C12N 9/10** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)
A61P 31/04 (2017.12); **C12N 9/1029** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
• [X] WO 9817779 A1 19980430 - SMITHKLINE BEECHAM CORP [US], et al
• [PX] EP 0916730 A2 19990519 - SMITHKLINE BEECHAM CORP [US]
• [E] WO 0138345 A1 20010531 - SMITHKLINE BEECHAM CORP [US], et al
• [E] WO 0130988 A1 20010503 - SMITHKLINE BEECHAM CORP [US], et al
• [X] DATABASE GENESEQ [online] 16 March 1999 (1999-03-16), BARASH SC, ET AL.: "Staphylococcus aureus contig SEQ ID #188", XP002219899, Database accession no. AAV74499 & EP 0786519 A2 19970730 - HUMAN GENOME SCIENCES INC [US]
• [A] TSAY J-T ET AL: "ISOLATION AND CHARACTERIZATION OF THE BETA-KETOACYL-ACYL CARRIER PROTEIN SYNTHASE III GENE (FABH) FROM ESCHERICHIA COLI K-12", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 267, no. 10, April 1992 (1992-04-01), pages 6807 - 6814, XP002931345, ISSN: 0021-9258
• [A] HEATH R J ET AL: "INHIBITION OF BETA-KETOACYL-ACYL CARRIER PROTEIN SYNTHASE III (FABH) BY ACYL-ACYL CARRIER PROTEIN IN ESCHERICHIA COLI", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 271, no. 18, 3 May 1996 (1996-05-03), pages 10996 - 17000, XP002931346, ISSN: 0021-9258
• [T] KHANDEKAR SANJAY S ET AL: "Identification, substrate specificity, and inhibition of the Streptococcus pneumoniae beta-ketoacyl-acyl carrier protein synthase III (FabH).", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 276, no. 32, 10 August 2001 (2001-08-10), pages 30024 - 30030, XP002230857, ISSN: 0021-9258
• See references of WO 0067780A1

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 0067780 A1 20001116; EP 1178820 A1 20020213; EP 1178820 A4 20030423; JP 2003524627 A 20030819

DOCDB simple family (application)
US 0012250 W 20000504; EP 00928847 A 20000504; JP 2000616805 A 20000504