

Title (en)
STREPTOCOCCUS PNEUMONIAE ISOLEUCYL tRNA SYNTHETASE

Title (de)
ISOLEUCYL-tRNS-SYNTHEASE VON STREPTOCOCCUS PNEUMONIAL

Title (fr)
SYNTHETASE DE ARNt ISOLEUCYLE DE LA PNEUMONIE STREPTOCOCCIQUE

Publication
EP 0906330 A4 19991020 (EN)

Application
EP 97918744 A 19970418

Priority
• GB 9608000 A 19960418
• US 9706551 W 19970418

Abstract (en)
[origin: WO9739011A1] The invention provides ileS polypeptides and DNA (RNA) encoding ileS polypeptides and methods for producing such polypeptides by recombinant techniques. Also provided are methods for utilizing ileS polypeptides to screen for antibacterial compounds.

IPC 1-7
C07H 21/04; **C12N 15/00**; **C12N 1/20**; **C12N 9/00**; **A61K 38/43**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 31/00** (2006.01); **A61K 31/70** (2006.01); **A61K 31/7088** (2006.01); **A61K 39/09** (2006.01); **A61K 48/00** (2006.01); **A61P 31/00** (2006.01); **A61P 31/04** (2006.01); **C07K 14/315** (2006.01); **C07K 16/12** (2006.01); **C12N 1/21** (2006.01); **C12N 9/00** (2006.01); **C12N 15/00** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01); **C12R 1/19** (2006.01); **C12R 1/46** (2006.01)

CPC (source: EP)
A61P 31/00 (2018.01); **A61P 31/04** (2018.01); **C12N 9/93** (2013.01); **A61K 38/00** (2013.01); **A61K 39/00** (2013.01)

Citation (search report)
• [X] WO 9428139 A1 19941208 - MASSACHUSETTS INST TECHNOLOGY [US], et al
• [XY] WO 9509927 A2 19950413 - ZENECA LTD [GB], et al
• [E] EP 0786519 A2 19970730 - HUMAN GENOME SCIENCES INC [US]
• [E] WO 9819689 A1 19980514 - SMITHKLINE BEECHAM CORP [US], et al
• [E] WO 9818931 A2 19980507 - HUMAN GENOME SCIENCES INC [US], et al
• [Y] HONG ET AL.: "An isoleucyl-tRNA synthetase gene from Campylobacter jejuni", MICROBIOLOGY, vol. 141, no. 10, October 1995 (1995-10-01), pages 2561 - 2567, XP002112692
• [XY] LASKE ET AL.: "Investigations on the antiproliferative effects of amino acid antagonists targeting for aminoacyl-tRNA synthetases. Part I. The antibacterial effect", ARCHIV DER PHARMAZIE, vol. 322, no. 12, December 1989 (1989-12-01), pages 847 - 852, XP002113352
• [XY] LASKE ET AL.: "Investigations on the antiproliferative effects of amino acid antagonists targeting for aminoacyl-tRNA synthetases. Part II. The antileukemic effect", ARCHIV DER PHARMAZIE, vol. 322, no. 12, December 1989 (1989-12-01), pages 857 - 862, XP002106398, ISSN: 0365-6233
• [X] BUDAVARI ET AL.: "The Merck Index, 12th ed.", 1996, MERCK & CO., INC., WHITEHOUSE STATION, NJ, XP002113499
• See also references of WO 9739011A1

Designated contracting state (EPC)
BE CH DE DK FR GB IT LI NL

DOCDB simple family (publication)
WO 9739011 A1 19971023; EP 0906330 A1 19990407; EP 0906330 A4 19991020; GB 9608000 D0 19960619; JP 2000509260 A 20000725

DOCDB simple family (application)
US 9706551 W 19970418; EP 97918744 A 19970418; GB 9608000 A 19960418; JP 53741797 A 19970418