

Title (en)
IRON REGULATED PROMOTER AND USES THEREOF

Title (de)
EISEN-REGULIERTER PROMOTOR UND SEINE VERWENDUNGEN.

Title (fr)
PROMOTEUR REGULE PAR DU FER ET SON EMPLOI

Publication
EP 0964924 A4 20010418 (EN)

Application
EP 97933590 A 19970808

Priority
• AU 9700503 W 19970808
• AU PO216496 A 19960906
• AU PO245496 A 19960919
• AU PO780197 A 19970709

Abstract (en)
[origin: WO9810064A1] The present invention provides an iron-regulated promoter. The promoter comprises the DNA sequence (shown in the figure), or a fragment thereof which includes the sequence from residues 284 to 409, or a functionally equivalent nucleic acid sequence. Also provided are vectors and recombinant host cells including the promoter and compositions for use in inducing an immune response in an animal.

IPC 1-7
C12N 15/11; **C12N 15/70**; **C12N 15/74**; **A61K 39/00**; **A61K 39/112**

IPC 8 full level
C07K 14/435 (2006.01); **C12N 15/74** (2006.01); **C12N 15/90** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)
C07K 14/4354 (2013.01 - EP); **C12N 15/74** (2013.01 - EP); **C12N 15/90** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US); **A61K 2039/51** (2013.01 - EP)

Citation (search report)
• [X] WO 9419482 A1 19940901 - GEN HOSPITAL CORP [US], et al
• [T] US 5747028 A 19980505 - CALDERWOOD STEPHEN B [US], et al
• [X] DATABASE EMBL EMBL; 16 July 1988 (1988-07-16), BINDEREIF AND NEILANDS: "Plasmid ColIV-K30 (E. coli) aerobactin operon, promoter region", XP002159818
• [X] BRICKMAN ET AL.: "Regulation of divergent transcription from the iron-responsive fepB-entC promoter-operator regions in Escherichia coli", J MOL BIOL, vol. 212, no. 4, 20 April 1990 (1990-04-20), pages 669 - 682, XP000983201
• [X] SU ET AL.: "Extracellular export of Shiga toxin B-subunit/haemolysin A (C-terminus) fusion protein expressed in Salmonella typhimurium", MICROB PATHOG, vol. 13, no. 6, December 1992 (1992-12-01), pages 465 - 476, XP000983124
• [X] SU ET AL.: "Construction of stable LamB-Shiga toxin B subunit hybrids: analysis of expression in Salmonella typhimurium aroA strains and stimulation of B subunit-specific mucosal and serum antibody responses", INFECT IMMUN, vol. 60, no. 8, August 1992 (1992-08-01), pages 3345 - 3359, XP000983213
• See also references of WO 9810064A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9810064 A1 19980312; AR 008171 A1 19991209; BR 9711692 A 20001024; CA 2265883 A1 19980312; EP 0964924 A1 19991222; EP 0964924 A4 20010418; NZ 334649 A 20000825; UY 24698 A1 19980212

DOCDB simple family (application)
AU 9700503 W 19970808; AR P970104095 A 19970908; BR 9711692 A 19970808; CA 2265883 A 19970808; EP 97933590 A 19970808; NZ 33464997 A 19970808; UY 24698 A 19970905