

Title (en)
NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO HELICOBACTER PYLORI AND VACCINE COMPOSITIONS THEREOF

Title (de)
NUKLEINSÄURE- UND AMINOSÄURESEQUENZEN VON HELIOBACTER PYLORI UND IMPFSTOFFZUSAMMENSETZUNGEN DAVON

Title (fr)
SEQUENCES NUCLEOTIDIQUES ET AMINOACIDES EN RAPPORT AVEC HELICOBACTER PYLORI ET COMPOSITIONS VACCINALES CORRESPONDANTES

Publication
EP 0964699 A4 20050406 (EN)

Application
EP 97954525 A 19971205

Priority

- US 9722104 W 19971205
- US 75962596 A 19961205
- US 82374597 A 19970325
- US 89192897 A 19970714

Abstract (en)
[origin: WO9824475A1] Recombinant or substantially pure preparations of H. pylori polypeptides are described. The nucleic acids encoding the polypeptides also are described. The H. pylori polypeptides are useful for diagnostics and vaccine compositions, wherein the figure depicts an amino acid sequence alignment of five H. pylori proteins.

IPC 1-7
C12N 15/31; **C07K 14/205**; **C12Q 1/68**; **C12N 15/63**; **C07K 19/00**; **A61K 39/106**; **A61K 48/00**; **G01N 33/68**

IPC 8 full level
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Citation (search report)

- [A] WO 9416714 A1 19940804 - MEDICARB AB [SE], et al
- [A] SCHMITT W ET AL: "GENETIC ANALYSIS OF THE HELICOBACTER PYLORI VACUOLATING CYTOTOXIN: STRUCTURAL SIMILARITIES WITH THE IGA PROTEASE TYPE OF EXPORTED PROTEIN", MOLECULAR MICROBIOLOGY, BLACKWELL SCIENTIFIC, OXFORD, GB, vol. 12, no. 2, 1 April 1994 (1994-04-01), pages 307 - 319, XP000605827, ISSN: 0950-382X
- [PX] JEAN-F. TOMB ET AL.: "The complete genome sequence of the gastric pathogen Helicobacter pylori", NATURE, vol. 389, 25 September 1997 (1997-09-25), pages 539 - 547, XP002062106 & DATABASE UniProt 1 January 1998 (1998-01-01), TOMB, J.-F. ET AL.: "Outer membrane protein (Omp2)", Database accession no. O224870 & DATABASE EMBL 25 August 1997 (1997-08-25), TOMB, J.-F. ET AL.: "Helicobacter pylori section 3 of 134 of the complete genome", Database accession no. AE000525
- See also references of WO 9824475A1

Designated contracting state (EPC)
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WO 9824475 A1 19980611; AR 010337 A1 20000607; AU 5895498 A 19980629; AU 739641 B2 20011018; BR 9714133 A 20000229; CA 2273199 A1 19980611; CN 1246799 A 20000308; EE 9900226 A 19991215; EP 0964699 A1 19991222; EP 0964699 A4 20050406; ID 21946 A 19990812; IL 129746 A0 20000229; IS 5047 A 19990510; JP 2001510992 A 20010807; KR 20000069297 A 20001125; NO 992158 D0 19990504; NO 992158 L 19990705; NZ 335633 A 20001027; PL 333943 A1 20000131; SK 57999 A3 20000516; TR 199901262 T2 19990823

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US 9722104 W 19971205; AR P970105740 A 19971205; AU 5895498 A 19971205; BR 9714133 A 19971205; CA 2273199 A 19971205; CN 97181630 A 19971205; EE 9900226 A 19971205; EP 97954525 A 19971205; ID 990495 A 19971205; IL 12974697 A 19971205; IS 5047 A 19990510; JP 52575898 A 19971205; KR 19997004955 A 19990604; NO 992158 A 19990504; NZ 33563397 A 19971205; PL 33394397 A 19971205; SK 57999 A 19971205; TR 9901262 T 19971205