

Title (en)  
\$(TREPONEMA PALLIDUM) POLYNUCLEOTIDES AND SEQUENCES

Title (de)  
TREPONEMA PALLIDUM POLYNUKLEOTIDE UND SEQUENZEN

Title (fr)  
POLYNUCLEOTIDES ET SEQUENCES DE \$(TREPONEMA PALLIDIUM)

Publication  
**EP 0990022 A1 20000405 (EN)**

Application  
**EP 98931511 A 19980623**

Priority  
• US 9813041 W 19980623  
• US 5066797 P 19970624

Abstract (en)  
[origin: WO9859034A2] The present invention provides polynucleotide sequences of the genome of T. pallidum, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

IPC 1-7  
**C12N 15/31**; G06F 17/30; C07K 14/20; C12Q 1/68; C07K 16/12; A61K 48/00

IPC 8 full level  
**C07K 14/20** (2006.01); **C12N 15/31** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/689** (2018.01); **A61K 38/00** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)  
**C07K 14/20** (2013.01 - EP); **C12Q 1/689** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US)

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 9859034 A2 19981230**; **WO 9859034 A3 20000629**; AU 8162398 A 19990104; CA 2296814 A1 19981230; EP 0990022 A1 20000405

DOCDB simple family (application)  
**US 9813041 W 19980623**; AU 8162398 A 19980623; CA 2296814 A 19980623; EP 98931511 A 19980623