

Title (en)

AMINO ACID SEQUENCE EVALUATION SYSTEM

Title (de)

SYSTEM ZUR BESTIMMUNG DER AMINOSÄUREN UND DEREN SEQUENZ

Title (fr)

SYSTEME D'EVALUATION DE SEQUENCE D'ACIDES AMINES

Publication

EP 1173755 A2 20020123 (EN)

Application

EP 00926228 A 20000421

Priority

- US 0010756 W 20000421
- US 29837199 A 19990423

Abstract (en)

[origin: WO0065358A2] Method and apparatus for evaluating a query protein amino acid sequence with respect to an amino acid sequence motif corresponding to a target of a domain of a known protein having a known function to predict whether the query protein amino acid sequence performs the known function. In one embodiment, the prediction is performed by using a scoring system to generate a score for the query protein amino acid sequence with respect to the amino acid sequence motif. The score indicates a degree of confidence that the query protein amino acid sequence performs the known function. Several embodiments of scoring systems are described.

IPC 1-7

G01N 33/00

IPC 8 full level

G01N 33/00 (2006.01); **G01N 33/48** (2006.01); **G01N 33/68** (2006.01); **G06F 19/00** (2006.01); **G06F 19/22** (2011.01); **G16B 20/30** (2019.01); **G16B 30/10** (2019.01); **G06F 19/18** (2011.01)

CPC (source: EP US)

G16B 20/30 (2019.01 - EP US); **G16B 30/00** (2019.01 - EP); **G16B 30/10** (2019.01 - EP US); **G16B 20/00** (2019.01 - EP)

Citation (search report)

See references of WO 0065358A2

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 0065358 A2 20001102; **WO 0065358 A3 20010111**; AU 4479200 A 20001110; CA 2371238 A1 20001102; EP 1173755 A2 20020123; JP 2002543390 A 20021217

DOCDB simple family (application)

US 0010756 W 20000421; AU 4479200 A 20000421; CA 2371238 A 20000421; EP 00926228 A 20000421; JP 2000614047 A 20000421