

Title (en)

DNA LIBRARY AND ITS USE IN METHODS OF SELECTING AND DESIGNING POLYPEPTIDES

Title (de)

DNA BIBLIOTHEK UND METHODEN ZU DEREN VERWENDUNG FÜR DIE SELEKTION UND DAS DESIGN VON POLYPEPTIDEN

Title (fr)

BANQUE D'ADN ET SON UTILISATION DANS DES PROCEDES DE SELECTION ET CONCEPTION DES POLYPEPTIDES

Publication

EP 1230355 A2 20020814 (EN)

Application

EP 00964464 A 20001002

Priority

- GB 0003765 W 20001002
- GB 9923327 A 19991001
- GB 0011068 A 20000508
- GB 0013106 A 20000530

Abstract (en)

[origin: WO0125417A2] A library is provided of DNA sequences consisting of 4^N sequences, where N is greater than or equal to three, each sequence varying from the other sequences by comprising a different one of the 4^N possible permutations of a DNA sequence of length N, wherein the library of DNA sequences is immobilised on a solid substrate. Preferably, each sequence occupies a discrete position, and preferably, the library is arranged in two or more sub-libraries, preferably $4N$ sub-libraries, wherein for any one sub-library one base in the DNA sequence of length N is defined and the other N-1 bases are randomised. The library may be used in screening methods to identify and characterise zinc fingers having specificity for particular nucleotide sequences.

IPC 1-7

C12N 15/10; **C12Q 1/68**

IPC 8 full level

C12N 15/10 (2006.01)

CPC (source: EP)

C12N 15/1048 (2013.01); **C12N 15/1055** (2013.01)

Citation (search report)

See references of WO 0125417A2

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 0125417 A2 20010412; **WO 0125417 A3 20011115**; AU 7539800 A 20010510; CA 2382541 A1 20010412; EP 1230355 A2 20020814

DOCDB simple family (application)

GB 0003765 W 20001002; AU 7539800 A 20001002; CA 2382541 A 20001002; EP 00964464 A 20001002