

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

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Application

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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.

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