

Title (en)

TEMPLATE-MEDIATED, LIGATION-ORIENTED METHOD OF NONRANDOMLY SHUFFLING POLYNUCLEOTIDES

Title (de)

MATRIZEN-VERMITTELTES, LIGATION-ORIENTIERTES VERFAHREN DES NICHT ZUFÄLLIGEN SHUFFLING VON POLYNUKLEOTIDEN

Title (fr)

PROCEDE MATRICIEL A LIGATURE ORIENTEE DESTINE AU REARRANGEMENT NON ALEATOIRE DE POLYNUCLEOTIDES

Publication

**EP 1381680 A1 20040121 (EN)**

Application

**EP 02743543 A 20020425**

Priority

- FR 0105573 A 20010425
- IB 0202778 W 20020425
- US 28599801 P 20010425
- US 84086101 A 20010425

Abstract (en)

[origin: WO02086121A1] Method of gene shuffling oriented ligation, whereby at least two fragments are adjacently hybridized on an assembly template. Invention is particularly aimed at generating novel polynucleotides that differ in some advantageous respect compared to a reference sequence. Invention further includes sequences created by the method, hosts and vectors containing same, and proteins translated therefrom.

IPC 1-7

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

IPC 8 full level

**C07K 14/00** (2006.01); **C12M 1/00** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/10** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

**C12N 15/1027** (2013.01)

Citation (search report)

See references of WO 02086121A1

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DOCDB simple family (publication)

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