

Title (en)  
COMBINATORIAL SCREENING OF MIXED POPULATIONS OF ORGANISMS

Title (de)  
KOMBINATORISCHES SCREENING VON GEMISCHTEN POPULATIONEN VERSCHIEDENER ORGANISMEN

Title (fr)  
CRIBLAGE COMBINATOIRE DE POPULATIONS MIXTES D'ORGANISMES

Publication  
**EP 1319068 A2 20030618 (EN)**

Application  
**EP 01971309 A 20010917**

Priority  
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Abstract (en)  
[origin: WO0222810A2] Provided is a method of screening gene libraries derived from a mixed population of organisms for a bioactivity of biomolecule of interest. The mixed population of organisms can be a cultured population or an uncultured population from, for example, the environment. Also provided are methods of screening isolates or enriched populations of organisms, which isolates include a population that is spatially, temporally, or hierarchical, for example, of a particular species, genus family, or class of organisms. Identified clones containing a biomolecule or bioactivity of interest can be further variegated or the DNA contained in the clone can be variegated to create novel biomolecules or bioactivities of interest.

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**C12N 15/00**

IPC 8 full level  
**C12N 15/09** (2006.01); **C12N 15/10** (2006.01); **C12Q 1/68** (2006.01)

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