

Title (en)

METHOD FOR DETECTING, ANALYZING, AND MAPPING RNA TRANSCRIPTS

Title (de)

VERFAHREN ZUR DETEKTION, ANALYSE, SOWIE KARTIERUNG VON RNA TRANSKRIPTEN

Title (fr)

PROCEDE POUR DETECTER, ANALYSER ET CARTOGRAPHIER LES TRANSCRITS D'ARN

Publication

**EP 1090144 A1 20010411 (EN)**

Application

**EP 99930404 A 19990618**

Priority

- US 9913813 W 19990618
- US 9046498 P 19980624

Abstract (en)

[origin: WO9967422A1] A genetic analysis method termed "fine array transcript mapping" or "FAT Mapping" is disclosed, which method is useful for detecting and measuring RNA molecules which have been transcribed from a genome. The method can be applied to explore differential expression of a template genome, and for accurately mapping the 5' ends of transcripts which have been expressed. Further, the presence or absence in any particular biological circumstances of a given transcript and its relative concentration can define gene functions or coding capacities. Thus the method relates to mapping and identifying novel and known gene products and investigating gene functions and regulation.

IPC 1-7

**C12Q 1/68**; **C12Q 1/70**; **C12P 19/34**; **C07H 21/02**; **C07H 21/04**

IPC 8 full level

**C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6809** (2018.01); **C12Q 1/6841** (2018.01); **C12Q 1/6874** (2018.01); **C12Q 1/70** (2006.01)

CPC (source: EP)

**C12Q 1/6809** (2013.01); **C12Q 1/6841** (2013.01); **C12Q 1/6874** (2013.01)

Citation (search report)

See references of WO 9967422A1

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 9967422 A1 19991229**; CA 2330731 A1 19991229; EP 1090144 A1 20010411; JP 2002518064 A 20020625

DOCDB simple family (application)

**US 9913813 W 19990618**; CA 2330731 A 19990618; EP 99930404 A 19990618; JP 2000556062 A 19990618