

Title (en)

METHODS AND KITS FOR SCREENING NUCLEIC ACID DUPLEX STABILITY

Title (de)

VERFAHREN UND TESTSYSTEME ZUM SCREENEN DER STABILITÄT VON NUKLEINSÄURE-DUPLEXEN

Title (fr)

PROCEDES ET KITS PERMETTANT DE DETERMINER LA STABILITE DE DUPLEX D'ACIDE NUCLEIQUE

Publication

**EP 1155152 A4 20030502 (EN)**

Application

**EP 99967559 A 19991223**

Priority

- US 9930751 W 19991223
- US 11373198 P 19981223
- US 11990999 P 19990212

Abstract (en)

[origin: WO0037686A1] Simple methods and kits for determining the thermodynamic stability of nucleic acid duplexes and single polynucleotide polymorphisms via competitive equilibria are provided.

IPC 1-7

**C12Q 1/68**; G01N 25/20; G01N 1/18; G01N 31/16; G01N 24/00; C07H 21/02; C07H 21/04

IPC 8 full level

**C12Q 1/68** (2006.01); **G01N 31/16** (2006.01)

CPC (source: EP)

**C12Q 1/6818** (2013.01); **C12Q 1/6827** (2013.01)

Citation (search report)

- [X] EP 0745690 A2 19961204 - NEW YORK HEALTH RES INST [US]
- [A] WO 9818965 A1 19980507 - UNIV NEBRASKA AT LINCOLN [US]
- [X] MORRISON L E ET AL: "Solution-phase detection of polynucleotides using interacting fluorescent labels and competitive hybridization", ANALYTICAL BIOCHEMISTRY, ORLANDO, FL, US, vol. 183, no. 2, December 1989 (1989-12-01), pages 231 - 244, XP002113097, ISSN: 0003-2697
- See references of WO 0037686A1

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DOCDB simple family (publication)

**WO 0037686 A1 20000629**; AU 2382100 A 20000712; AU 773480 B2 20040527; CA 2355920 A1 20000629; EP 1155152 A1 20011121; EP 1155152 A4 20030502

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