

Title (en)

METHOD FOR PRODUCING HYBRIDISATION COMPLEXES WHOSE STABILITY IS SUBSTANTIALLY INDEPENDENT OF THE BASE COMPOSITION OF TWO HYBRIDISED NUCLEIC ACID MOLECULES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HYBRIDISIERUNGSKOMPLEXEN DEREN STABILITÄT WEITGEHEN UNABHÄNGIG ZUR BASENZUSAMMENSTELLUNG DER BEIDEN HYBRIDISIERENDEN NUKLEINSÄURENOLEKÜLE IST

Title (fr)

PROCEDE DE FORMATION DE COMPLEXES D'HYBRIDATION DONT LA STABILITE DEPEND PEU DE LA COMPOSITION EN BASE DES DEUX MOLECULES D'ACIDES NUCLEIQUES HYBRIDEES

Publication

EP 0954610 A1 19991110 (FR)

Application

EP 97930584 A 19970625

Priority

- FR 9701131 W 19970625
- FR 9608027 A 19960627

Abstract (en)

[origin: WO9749833A1] The invention discloses a method for producing a hybridisation complex whose stability is substantially independent of the base composition of two hybridised nucleic acid molecules, consisting in contacting a first nucleic acid molecule with a second nucleic acid molecule under conditions enabling the formation of a specific hybridisation complex. The invention is characterised in that at least one of the four types of bases contained in the sequence of the first and/or of the second nucleic acid molecule is a modified base having pairing properties close to those of the natural base it replaces, such that at least one of the two types of the base pair contained in the composition of the complex comprises a modified base and in that the totality of the base pairs contained in the composition of the said complex has a like stability.

IPC 1-7

C12Q 1/68; C07H 21/00

IPC 8 full level

C12N 15/09 (2006.01); **C07H 21/00** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6827** (2018.01); **C12Q 1/6832** (2018.01)

CPC (source: EP US)

C07H 21/00 (2013.01 - EP US); **C12Q 1/6827** (2013.01 - EP US); **C12Q 1/6832** (2013.01 - EP US)

C-Set (source: EP US)

1. **C12Q 1/6827 + C12Q 2527/125 + C12Q 2527/107 + C12Q 2525/117**
2. **C12Q 1/6832 + C12Q 2527/125 + C12Q 2527/107 + C12Q 2525/117**

Citation (search report)

See references of WO 9749833A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9749833 A1 19971231; CA 2258936 A1 19971231; EP 0954610 A1 19991110; FR 2750435 A1 19980102; FR 2750435 B1 19980828; JP 2000512843 A 20001003; US 6864049 B1 20050308

DOCDB simple family (application)

FR 9701131 W 19970625; CA 2258936 A 19970625; EP 97930584 A 19970625; FR 9608027 A 19960627; JP 50245198 A 19970625; US 21440399 A 19990720