

Title (en)

IDENTIFICATION OF MOLECULAR INTERACTION SITES IN RNA FOR NOVEL DRUG DISCOVERY

Title (de)

IDENTIFIZIERUNG MOLEKULARER WECHSELWIRKUNGSSTELLEN IN RNA ZUR ENTDECKUNG NEUER MEDIKAMENTE

Title (fr)

IDENTIFICATION DE SITES D'INTERACTION MOLECULAIRE DANS L'ARN POUR LA RECHERCHE DE NOUVEAUX MEDICAMENTS

Publication

EP 1082462 A1 20010314 (EN)

Application

EP 99922938 A 19990512

Priority

- US 9910343 W 19990512
- US 8509298 P 19980512
- US 7644098 A 19980512

Abstract (en)

[origin: CA2331315A1] Methods of identifying molecular interactions sites in eukaryotic and prokaryotic nucleic acids, especially RNA, are described. Secondary structural elements are identified from highly conserved sequences. Methods of preparing databases relating to such molecular interaction sites are also provided herein as are databases themselves. Therapeutic, agricultural, industrial, and other applicability results from interaction of such molecular interaction sites with "small" and other molecules.

IPC 1-7

C12Q 1/68; **A61K 48/00**

IPC 8 full level

A61K 31/7105 (2006.01); **A61K 31/713** (2006.01); **A61K 48/00** (2006.01); **A61P 31/04** (2006.01); **C07H 21/02** (2006.01); **C07H 21/04** (2006.01); **C12N 15/09** (2006.01); **C12N 15/11** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

C12Q 1/6876 (2013.01)

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)

AU 3982399 A 19991129; AU 756906 B2 20030123; CA 2331315 A1 19991118; EP 1082462 A1 20010314; EP 1082462 A4 20030709; JP 2002526030 A 20020820

DOCDB simple family (application)

AU 3982399 A 19990512; CA 2331315 A 19990512; EP 99922938 A 19990512; JP 2000548510 A 19990512