

Title (en)

PROTEIN INTERACTION AND TRANSCRIPTION FACTOR TRAP

Title (de)

PROTEIN INTERAKTIONEN UND TRANSKRIPTIONSFAKTOR FALLE

Title (fr)

DETECTION DE L'INTERACTION DE PROTEINES ET PIEGEAGE DU FACTEUR DE TRANSCRIPTION

Publication

EP 1062368 A1 20001227 (EN)

Application

EP 99936098 A 19990225

Priority

- CA 9900173 W 19990225
- CA 2224475 A 19980225

Abstract (en)

[origin: WO9943848A1] Methods are provided which make use of a combination of gene trap and two-hybrid methodologies for the identification and characterization of unknown genes according to protein-protein interactions of the gene product or for the identification and characterization of unknown genes encoding transcriptional activator domains (AD). Interaction of an exon-encoded protein domain with a known protein, or functioning of the exon-encoded domain as an AD, is detected by reconstituting the activity of a transcriptional activator. Suitable gene trap vectors are also provided.

IPC 1-7

C12Q 1/68; **C12N 15/10**; **C12N 15/85**; **C12N 15/62**

IPC 8 full level

C12N 15/10 (2006.01); **C12N 15/62** (2006.01); **C12N 15/85** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

C12N 15/1055 (2013.01); **C12N 15/625** (2013.01); **C12N 15/85** (2013.01); **C12Q 1/6897** (2013.01); **C07K 2319/61** (2013.01); **C07K 2319/71** (2013.01); **C07K 2319/81** (2013.01); **C12N 2800/40** (2013.01); **C12N 2800/60** (2013.01); **C12N 2840/44** (2013.01)

Citation (search report)

See references of WO 9943848A1

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9943848 A1 19990902; CA 2224475 A1 19990825; EP 1062368 A1 20001227

DOCDB simple family (application)

CA 9900173 W 19990225; CA 2224475 A 19980225; EP 99936098 A 19990225