

Title (en)

PEPTIDE LIBRAIRIES AS A SOURCE OF SYNGENES

Title (de)

PEPTID-BIBLIOTHEKEN ALS QUELLE FÜR SYNGENE

Title (fr)

BANQUES DE PEPTIDES UTILISEES COMME SOURCE DE GENES SYNTHETIQUES (SYNGENES)

Publication

EP 0777748 A1 19970611 (EN)

Application

EP 95929609 A 19950817

Priority

- US 9510523 W 19950817
- US 29290294 A 19940818
- US 51519095 A 19950815

Abstract (en)

[origin: WO9606188A1] The present invention relates generally to synthetic gene sequences ("syngenes") that are identified by screening random peptide libraries for peptides that bind a ligand of choice. The synthetic gene sequences, together with, optionally, other DNA sequences that target the synthetic gene sequences or their encoded proteins to particular locations in vivo or intracellularly, or that contain processing signals, or that code for other peptides or amino acid sequences, are cloned into suitable expression vectors. The syngenes are used, for example, in gene therapy to supply, via expression of their encoded proteins, a therapeutic product. In another aspect, the invention relates to protein or peptide products of syngenes and their therapeutic and diagnostic uses.

IPC 1-7

C12Q 1/68; C12N 15/00; A01N 37/18; A61K 38/00; A61K 48/00; C07H 21/02

IPC 8 full level

A61K 38/00 (2006.01); **A61K 48/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/005** (2006.01); **C07K 14/47** (2006.01); **C12N 15/09** (2006.01); **C12N 15/10** (2006.01); **C12N 15/62** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/68** (2006.01); **C40B 40/02** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP)

A61P 43/00 (2017.12); **C07K 14/4702** (2013.01); **C12N 15/1037** (2013.01); **C12N 15/62** (2013.01); **C40B 40/02** (2013.01); **A61K 48/00** (2013.01); **C07K 2319/02** (2013.01); **C07K 2319/61** (2013.01); **C07K 2319/73** (2013.01); **C07K 2319/735** (2013.01)

Citation (search report)

See references of WO 9606188A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9606188 A1 19960229; AU 3330895 A 19960314; CA 2197864 A1 19960229; EP 0777748 A1 19970611; JP H10504718 A 19980512

DOCDB simple family (application)

US 9510523 W 19950817; AU 3330895 A 19950817; CA 2197864 A 19950817; EP 95929609 A 19950817; JP 50821396 A 19950817