

Title (en)

ENHANCED FUNCTIONAL EXPRESSION OF G PROTEIN-COUPLED RECEPTORS

Title (de)

ERHÖHTE FUNKTIONELLE EXPRESSION VON G-PROTEIN-GEKOPPELTEN REZEPTOREN

Title (fr)

EXPRESSION FONCTIONNELLE AMELIOREE DES RECEPTEURS COUPLES A LA PROTEINE G

Publication

EP 1112359 A2 20010704 (EN)

Application

EP 99944033 A 19990901

Priority

- US 9920011 W 19990901
- US 9870498 P 19980901

Abstract (en)

[origin: WO0012705A2] This invention relates to mutant G protein-coupled receptors with improved G-protein coupling and receptor response, yeast cells expressing such receptors, vectors useful for making such cells, and methods of making and using same.

IPC 1-7

C12N 15/12; **C07K 14/705**; **C12N 1/19**; **C12N 15/67**; **C12N 15/63**; **C12N 15/62**; **C07K 14/72**; **C07K 14/47**; **C12Q 1/02**; **C07K 14/395**; **C12N 15/31**

IPC 8 full level

G01N 33/50 (2006.01); **C07K 14/395** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C07K 14/72** (2006.01); **C12N 1/19** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/02** (2006.01); **G01N 33/15** (2006.01); **G01N 33/566** (2006.01); **G01N 33/68** (2006.01); **C12R 1/865** (2006.01)

CPC (source: EP)

C07K 14/395 (2013.01); **C07K 14/4722** (2013.01); **C07K 14/70571** (2013.01); **C07K 14/723** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)

See references of WO 0012704A2

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)

WO 0012705 A2 20000309; **WO 0012705 A3 20001005**; **WO 0012705 A9 20000713**; AU 5700999 A 20000321; AU 5701199 A 20000321; AU 756244 B2 20030109; CA 2343046 A1 20000309; CA 2344591 A1 20000309; EP 1112359 A2 20010704; EP 1123391 A2 20010816; JP 2002523090 A 20020730; JP 2002523091 A 20020730; WO 0012704 A2 20000309; WO 0012704 A3 20001130; WO 0012704 A9 20000608

DOCDB simple family (application)

US 9920013 W 19990901; AU 5700999 A 19990901; AU 5701199 A 19990901; CA 2343046 A 19990901; CA 2344591 A 19990901; EP 99944033 A 19990901; EP 99944035 A 19990901; JP 2000567691 A 19990901; JP 2000567692 A 19990901; US 9920011 W 19990901