

Title (en)  
G-PROTEIN COUPLED GLYCOPROTEIN HORMONE RECEPTOR HG38

Title (de)  
MIT G-PROTEIN GEKOPPELTER GLYKOPROTEIN-HORMONREZEPTOR HG38

Title (fr)  
RECEPTEUR HORMONAL HG38 DE GLYCOPROTEINE COUPLE A LA PROTEINE G

Publication  
**EP 1017811 A1 20000712 (EN)**

Application  
**EP 98949466 A 19980924**

Priority  
• US 9819979 W 19980924  
• US 5986397 P 19970924

Abstract (en)  
[origin: WO9915660A1] This invention provides a novel G-protein coupled glycoprotein hormone receptor HG38, mutant and polymorphic forms of the receptor, nucleic acids encoding the same, expression vectors including the nucleic acids, host cells transformed with nucleic acids, transgenic knockout animals lacking the receptor and transgenic animals expressing a non-native receptor gene, antibodies against the receptor and polypeptides thereof and assays for modulators, agonists and antagonists of the receptor. The receptor proteins and polypeptides, nucleic acids, cells, animals and assays of this invention are useful in drug screening and development, diagnosis and therapeutic applications.

IPC 1-7  
**C12N 15/12; C12N 15/63; C12N 15/00; C12P 21/02; C07K 14/47; C07K 16/00; G01N 33/53; C12Q 1/68**

IPC 8 full level  
**A01K 67/027** (2006.01); **C07K 14/72** (2006.01); **C07K 16/28** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12N 15/85** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/02** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6876** (2018.01); **C12Q 1/6897** (2018.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP)  
**C07K 14/723** (2013.01); **C12N 15/8509** (2013.01); **C12Q 1/68** (2013.01); **C12Q 1/6876** (2013.01); **C12Q 1/6897** (2013.01); **A01K 2207/15** (2013.01); **A01K 2217/00** (2013.01); **A01K 2217/05** (2013.01); **A01K 2217/075** (2013.01); **A01K 2227/105** (2013.01); **A01K 2267/03** (2013.01); **C12Q 2600/158** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**WO 9915660 A1 19990401**; CA 2304828 A1 19990401; EP 1017811 A1 20000712; EP 1017811 A4 20020814; JP 2001517441 A 20011009

DOCDB simple family (application)  
**US 9819979 W 19980924**; CA 2304828 A 19980924; EP 98949466 A 19980924; JP 2000512952 A 19980924