

Title (en)  
NOVEL ESTROGEN RECEPTOR  $\beta$  AND ISOFORMS

Title (de)  
NEUER ÖSTROGENREZEPTOR BETA UND ISOFORMEN

Title (fr)  
NOUVEAU RECEPTEUR BETA D'OESTROGENES ET SES ISOFORMES

Publication  
**EP 1001984 A1 20000524 (EN)**

Application  
**EP 98937169 A 19980728**

Priority

- US 9815540 W 19980728
- US 5386997 P 19970728
- US 5421097 P 19970730

Abstract (en)  
[origin: WO9905171A1] The present invention provides the amino acid and nucleotide sequence of the complete estrogen receptor beta (ER beta c) gene and related protein sequences. Based on this disclosure, the present invention provides methods for identifying agents that block or augment ER beta c mediated transcriptional regulation, methods to determine whether ER beta c or its isoforms is being expressed in tissues or cells and methods of identifying and using agents that block the transcriptional regulation of genes by ER beta c or its isoforms, which in turn modulates other biological and pathological processes.

IPC 1-7  
**C07K 14/435; C07K 14/47; C07K 14/705; C12N 1/21; C12N 5/10; C12N 15/10; C12N 15/11**

IPC 8 full level  
**A61K 31/7088** (2006.01); **A61K 31/711** (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 45/00** (2006.01); **A61K 48/00** (2006.01); **A61K 51/00** (2006.01); **A61P 13/08** (2006.01); **A61P 19/10** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C07K 14/72** (2006.01); **C07K 16/28** (2006.01); **C07K 16/46** (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); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)  
**A61P 13/08** (2017.12); **A61P 19/10** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C07K 14/70567** (2013.01); **C07K 14/721** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)  
See references of WO 9905171A1

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 9905171 A1 19990204**; CA 2297907 A1 19990204; CA 2298053 A1 19990204; EP 1001983 A1 20000524; EP 1001984 A1 20000524; JP 2001510690 A 20010807; JP 2001510691 A 20010807; WO 9905170 A1 19990204; WO 9905170 A8 19990415

DOCDB simple family (application)  
**US 9815540 W 19980728**; CA 2297907 A 19980728; CA 2298053 A 19980728; EP 98937168 A 19980728; EP 98937169 A 19980728; JP 2000504163 A 19980728; JP 2000504164 A 19980728; US 9815539 W 19980728