

Title (en)
DELTA CLEAVAGE PRODUCTS AND METHODS BASED THEREON

Title (de)
DELTA-SPALTPRODUKTE UND DAMIT ZUSAMMENHÄNGENDE VERFAHREN

Title (fr)
PRODUITS DE CLIVAGE DE DELTA ET PROCEDES ASSOCIES

Publication
EP 1096946 A2 20010509 (EN)

Application
EP 99935534 A 19990713

Priority
• US 9915817 W 19990713
• US 9251398 P 19980713
• US 10483498 P 19981019

Abstract (en)
[origin: WO0002897A2] The present invention is directed to a Delta cleavage peptide and fragments, derivative and analogs thereof, and its encoding nucleic acids. The present invention is also directed to a soluble Delta peptide and fragments, derivative and analogs thereof, and its encoding nucleic acids. The present invention is also directed to protein complexes of Delta and Kuz. The present invention is also directed to methods for detecting or measuring Delta activation by observing or measuring Delta cleavage products that are indicative of Delta activation. The present invention is also directed to methods for detecting or measuring Kuz activation by observing or measuring Delta cleavage products that are indicative of Kuz activation. The present invention is also directed to methods for detecting a molecule that modulates Delta activation or Kuz function by observing or measuring a change in the amount of or pattern of Delta cleavage products. The present invention is based, at least in part, on the discovery that Delta in its active form, i.e., the form that mediates signal transduction and that binds Notch, is a soluble fragment consisting of the extracellular domain.

IPC 1-7
A61K 38/00; **A61K 31/70**; **C07K 7/00**; **C07K 16/00**; **C07K 17/00**; **C12P 21/06**; **C12P 21/08**; **C07H 21/04**; **A01N 37/18**; **A01N 43/04**; **G01N 33/48**; **G01N 33/53**; **G01N 33/574**

IPC 8 full level
A01K 67/027 (2006.01); **A61K 31/711** (2006.01); **A61K 38/00** (2006.01); **A61K 39/395** (2006.01); **A61K 48/00** (2006.01); **A61P 25/00** (2006.01); **A61P 35/00** (2006.01); **C07K 14/47** (2006.01); **C07K 14/705** (2006.01); **C07K 16/18** (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 1/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP)
A61P 25/00 (2017.12); **A61P 35/00** (2017.12); **C07K 14/705** (2013.01); **A01K 2217/075** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
See references of WO 0002897A2

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 0002897 A2 20000120; **WO 0002897 A3 20000316**; **WO 0002897 A9 20000720**; **WO 0002897 B1 20000504**; AU 5099499 A 20000201; CA 2333893 A1 20000120; EP 1096946 A2 20010509; JP 2002520007 A 20020709

DOCDB simple family (application)
US 9915817 W 19990713; AU 5099499 A 19990713; CA 2333893 A 19990713; EP 99935534 A 19990713; JP 2000559126 A 19990713