

Title (en)
HLA-A2.1 BINDING PEPTIDES AND THEIR USES

Title (de)
HLA-A2.1- BINDUNGSPEPTIDE UND IHRE VERWENDUNG

Title (fr)
PEPTIDES DE FIXATION DE HLA-A2.1 ET LEURS UTILISATIONS

Publication
EP 1343819 A1 20030917 (EN)

Application
EP 00964938 A 20000901

Priority
US 0024102 W 20000901

Abstract (en)
[origin: WO0220616A1] The present invention provides the means and methods for selecting immunogenic peptides and the immunogenic peptide compositions capable of specifically binding glycoproteins encoded HLA-A2.1 allele and inducing T cell activation in T cells restricted by the A2.1 allele. The peptides are useful to elicit an immune response against a desired antigen.

IPC 1-7
C07K 16/00; C07H 21/04; A61K 39/00; C07K 14/02; C07K 14/03; C07K 14/08; C07K 14/11; C07K 14/16; C07K 14/18; C12N 9/90

IPC 8 full level
C12N 15/09 (2006.01); **A61K 39/00** (2006.01); **A61K 39/21** (2006.01); **A61K 39/29** (2006.01); **A61P 1/16** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **A61P 35/00** (2006.01); **C07K 7/04** (2006.01); **C07K 14/02** (2006.01); **C07K 14/03** (2006.01); **C07K 14/08** (2006.01); **C07K 14/11** (2006.01); **C07K 14/16** (2006.01); **C07K 14/18** (2006.01); **C12N 9/90** (2006.01)

CPC (source: EP US)
A61K 39/0011 (2013.01 - EP US); **A61K 39/001106** (2018.08 - EP US); **A61K 39/001151** (2018.08 - EP US); **A61K 39/001186** (2018.08 - EP US); **A61P 1/16** (2018.01 - EP); **A61P 31/12** (2018.01 - EP); **A61P 31/18** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **C07K 14/005** (2013.01 - EP); **C12N 9/90** (2013.01 - EP); **A61K 2039/57** (2013.01 - EP); **C12N 2730/10122** (2013.01 - EP); **C12N 2740/16222** (2013.01 - EP); **C12N 2760/16122** (2013.01 - EP); **C12N 2770/24222** (2013.01 - EP)

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 0220616 A1 20020314; AU 7574800 A 20020322; CA 2420225 A1 20020314; EP 1343819 A1 20030917; EP 1343819 A4 20050323; EP 1619207 A2 20060125; EP 1619207 A3 20060208; JP 2004517609 A 20040617

DOCDB simple family (application)
US 0024102 W 20000901; AU 7574800 A 20000901; CA 2420225 A 20000901; EP 00964938 A 20000901; EP 05016493 A 20000901; JP 2002525235 A 20000901