

Title (en)
IN VITRO ANTIBODY AFFINITY MATURATION USING ALANINE SCANNING MUTAGENESIS

Title (de)
IN VITRO REIFUNG VON ANTIKÖRPERN MITTELS ALANIN 'SCANNING' MUTAGENESE

Title (fr)
MATURATION D'ANTICORPS IN VITRO PAR AFFINITE UTILISANT LA MUTAGENESE PAR BALAYAGE A L'ALANINE

Publication
EP 0748338 A4 20010328 (EN)

Application
EP 95911994 A 19950227

Priority
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Abstract (en)
[origin: WO9523813A1] A method of mutagenizing antibodies to produce modified antibodies, modified antibodies, DNA encoding the modified antibodies as well as diagnostic kits and pharmaceutical compositions comprising the antibodies or DNA are provided.

IPC 1-7
C07K 16/00; **C07K 16/46**; **A61K 39/00**; **C12N 15/12**; **C12N 15/13**

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CPC (source: EP)
C07K 16/1063 (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
• [XY] LISA K. DENZIN ET AL.: "Mutational analysis of active site contact residues in anti-fluorescein monoclonal antibody", MOLECULAR IMMUNOLOGY, vol. 30, no. 15, 1993, pages 1331 - 1345, XP000943436
• [XY] ROBERT F. KELLEY AND MARK P. O'CONNELL: "Thermodynamic analysis of an antibody functional epitope", BIOCHEMISTRY, vol. 32, 1993, pages 6828 - 6835, XP000943393
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• See references of WO 9523813A1

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