

Title (en)
COMPOSITIONS AND METHODS OF USE OF TARGETING PEPTIDES FOR DIAGNOSIS AND THERAPY OF HUMAN CANCER

Title (de)
ZUSAMMENSETZUNGEN UND VERFAHREN ZUR VERWENDUNG BEIM ABZIELEN AUF PEPTIDE ZUR DIAGNOSE UND THERAPIE VON KREBS IM MENSCHEN

Title (fr)
COMPOSITIONS ET PROCEDES D'UTILISATION DE PEPTIDES DE CIBLAGE CON US POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER HUMAIN

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Application
EP 02799873 A 20021030

Priority

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- US 0227836 W 20020830

Abstract (en)
[origin: WO2004020999A1] The present invention concerns compositions comprising and methods of identification and use of targeting peptides selective for cancer tissue, particularly prostate or ovarian cancer tissue. The method may comprise identifying endogenous mimeotopes of such peptides, such as GRP78, IL-11R alpha and hsp90. Antibodies against such targeting peptides or their mimeotopes may be used for detection, diagnosis and/or staging of prostate or ovarian cancer. In other embodiments, the compositions and methods concern novel type of gene therapy vector, known as adeno-associated phage (AAP). AAP are of use for targeted delivery of therapeutic agents to particular tissues, organs or cell types, such as prostate or ovarian cancer. In still other embodiments, targeting peptides selective for low-grade lipomas may be used for detection, diagnosis and targeted delivery of therapeutic agents.

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