

Title (en)

TARGET GENES FOR ALLELE-SPECIFIC DRUGS

Title (de)

ALLELE SPEZIFISCHE ZIELGENE

Title (fr)

GENES CIBLES POUR MEDICAMENTS SPECIFIQUES D'ALLELES

Publication

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Application

EP 98912974 A 19980319

Priority

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- US 4105797 P 19970320

Abstract (en)

[origin: WO9841648A2] This disclosure concerns genetic targets which have been found to be useful for allele specific anti-tumor therapy. The strategy for such therapy involves the steps of: (1) identification of alternative alleles of genes coding for proteins essential for cell viability or cell growth and the loss of one of these alleles in cancer cells due to loss of heterozygosity (LOH) and (2) the development of inhibitors with high specificity for the single remaining alternative allele of the essential gene retained by the tumor cell after LOH. Particular categories of appropriate target genes are described, along with specific exemplary genes within those categories and methods of using such target genes.

IPC 1-7

C12Q 1/00; **C07K 14/00**; **A61K 35/00**; **C12N 15/00**

IPC 8 full level

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CPC (source: EP)

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