Title (en)
USE OF A TRUNCATED ELF-5A1 POLYNUCLEOTIDE TO INDUCE APOPTOSIS IN CANCER CELLS

Title (de)
VERWENDUNG EINES TRUNKIERTEN ELF-5A1-POLYNUCLEOTIDS ZUR EINLEITUNG VON APOPTOSE BEI KREBSZELLEN

Title (fr)
UTILISATION D'UN POLYNUCLÉOTIDE ELF-5AL TRONQUÉ POUR INDUIRE L'APOPTOSE DANS DES CELLULES CANCÉREUSES

Publication
EP 2331142 A4 20120829 (EN)

Application
EP 09812189 A 20090902

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- US 40074209 A 20090309

Abstract (en)
[origin: WO2010028093A2] The present invention relates to the combinatorial use of an siRNA targeted against an endogenous gene to knock out or knock down expression of the endogenous gene in a host and a delivery of a polynucleotide encoding the gene in a delivery vehicle/expression vector to the host to provide expression in the host of the protein encoded by the polynucleotide. The present invention also relates to a truncated form of eIF-5AI that is useful for inducing apoptosis and killing of cells, especially cancer cells in a mammal.

IPC 8 full level
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Citation (search report)
- [I] WO 2006060823 A2 20060608 - SENESCO TECHNOLOGIES INC [US]
- [A] VERIDIANA S P CANO ET AL: "Mutational analyses of human eIF5A-1 - identification of amino acid residues critical for eIF5A activity and hypusine modification", FEBS JOURNAL, BLACKWELL PUBLISHING, LONDON, GB, vol. 275, no. 1, 1 January 2008 (2008-01-01), pages 44 - 58, XP008144924, ISSN: 1742-464X, DOI: 10.1111/J.1742-4658.2007.06172X
- See references of WO 2010028093A2

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