

Title (en)

MTS GENE, MUTATIONS THEREIN, AND METHODS FOR DIAGNOSING CANCER USING MTS GENE SEQUENCE

Title (de)

MTS-GEN, MUTATIONEN DARIN UND METHODEN ZUR KREBSDIAGNOSTIK MITTELS DER MTS-GENSEQUENT

Title (fr)

GENE MTS, MUTATIONS DESDITS GENES ET PROCEDES DE DIAGNOSTIC DU CANCER A L'AIDE DE SEQUENCES DU GENE MTS

Publication

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Application

EP 95914738 A 19950317

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- US 21458194 A 19940318
- US 21458294 A 19940318
- US 21508894 A 19940318
- US 22736994 A 19940414
- US 25193894 A 19940601

Abstract (en)

[origin: WO9525429A1] The present invention relates to somatic mutations in the Multiple Tumor Suppressor (MTS) gene in human cancers and their use in the diagnosis and prognosis of human cancer. The invention further relates to germ line mutations in the MTS gene and their use in the diagnosis of predisposition to melanoma, leukemia, astrocytoma, glioblastoma, lymphoma, glioma, Hodgkin's lymphoma, CLL, and cancers of the pancreas, breast, thyroid, ovary, uterus, testis, kidney, stomach and rectum. The invention also relates to the therapy of human cancers which have a mutation in the MTS gene, including gene therapy, protein replacement therapy and protein mimetics. Finally, the invention relates to the screening of drugs for cancer therapy.

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Citation (search report)

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- See references of WO 9525429A1

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