

Title (en)

METHOD OF ELECTROCHEMICAL DETECTION OF SOMATIC CELL MUTATIONS

Title (de)

VERFAHREN ZUM ELEKTROCHEMISCHEN NACHWEIS SOMATISCHER ZELLMUTATIONEN

Title (fr)

PROCEDE DE DETECTION ELECTROCHIMIQUE DE MUTATIONS DE CELLULES SOMATIQUES

Publication

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Application

**EP 04760623 A 20040430**

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Abstract (en)

[origin: CA2524265A1] The present invention relates to the detection of somatic cell mutations, particularly as part of a method to screen for cancer or precancer. The disclosure includes techniques for extracting and isolating oligonucleotides from a patient and conducting hybridization assays. Preferred embodiments include a combination of the following steps: extracting a biological sample from a patient, purifying a nucleic acid from a biological sample, amplifying a nucleic acid, isolating a nucleic acid in single stranded form, cyclizing a nucleic acid, elongating a nucleic acid, controlling hybridization stringency, amplifying a nucleic acid on a chip, and detecting hybridization.

IPC 8 full level

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Citation (search report)

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- See references of WO 2004099755A2

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