

Title (en)

METHODS FOR IDENTIFYING THE TOXIC/PATHOLOGIC EFFECT OF ENVIRONMENTAL STIMULI ON GENE TRANSCRIPTION

Title (de)

VERFAHREN ZUR ERKENNUNG UMWELTBEDINGTEN TOXIKOLOGISCH ODER PATHOLOGISCHE WIRKUNGEN AUF DIE GENEXPRESSION

Title (fr)

PROCEDE D'EVALUATION DES EFFETS TOXIQUES ET PATHOLOGIQUES DE STIMULI ENVIRONNEMENTAUX SUR LA TRANSCRIPTION DES GENES

Publication

**EP 1032663 A1 20000906 (EN)**

Application

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Abstract (en)

[origin: WO9927090A1] Methods are disclosed for assessing the toxic or pathologic effects of a selected environmental stimulus or reagent on a mammalian cell by determining on a DNA grid a "fingerprint" hybridization pattern. The fingerprint pattern is characteristic of chemically or structurally diverse stimuli or reagents, which have a common adverse effect on gene transcription. A test compound is screened for a similar toxic effect by comparing its hybridization pattern on a similar grid to the fingerprint.

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