

Title (en)

MICROARRAY METHOD FOR ENRICHING DNA FRAGMENTS FROM COMPLEX MIXTURES

Title (de)

MIKROARRAY-VERFAHREN ZUR ANREICHERUNG VON DNA-FRAGMENTEN AUS KOMPLEXEN MISCHUNGEN

Title (fr)

PROCEDE A MICRORESEAU PERMETTANT D'ENRICHIR DES FRAGMENTS D'ADN PROVENANT DE MELANGES COMPLEXES

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Application

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Abstract (en)

[origin: WO02083943A2] The invention relates to a method for the simultaneous, parallel, selective enrichment of various DNA sections that are obtained from various tissues by complex amplification and that have desired individual sequence properties. The properties of the DNA fragments, especially the presence of 5-methylcytosines, can be identified by hybridization on DNA microarrays. The desired DNA fragments are enriched by repeating several times the process steps (hybridization, dehybridization and reamplification). The inventive method combines the SELEX method with complex DNA arrays that are used for enriching the DNA fragments. The amplicates are finally analyzed for their sequences.

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IPC 8 full level

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