

Title (en)  
METHOD FOR THE ANALYSIS OF POINT MUTATIONS

Title (de)  
VERFAHREN ZUM ANALYSIEREN VON PUNKTMUTATIONEN

Title (fr)  
PROCEDE D'ANALYSE DE MUTATIONS PONCTUELLES

Publication  
**EP 1784500 A1 20070516 (DE)**

Application  
**EP 04764692 A 20040901**

Priority  
EP 2004009730 W 20040901

Abstract (en)  
[origin: WO2006024314A1] The invention relates to a method for determining point mutations by means of DNA microarrays and TIRF excitation. According to said method, bonding of nucleic acids to short DNA probes on a microarray is measured at different temperatures. Melting point curves are generated from the measured values and the difference in the melting point curves between the probe for the wild-type DNA and the probe for the corresponding mutated DNA is generated. The position of said curves makes it possible to unambiguously decide whether the point mutation is a homozygous DNA or a heterozygous DNA and what type of homozygosity it is.

IPC 8 full level  
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CPC (source: EP US)  
**C12Q 1/6827** (2013.01 - EP US); **G01N 21/648** (2013.01 - EP US); **G01N 21/7703** (2013.01 - EP US)

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