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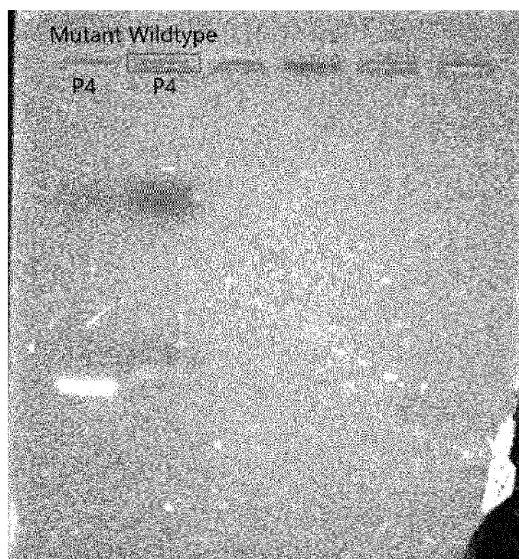
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(54) **Title:** A Primer

Fig. 3



(57) **Abstract:** A primer for detection of a mutation in a microsatellite contained in a target sequence of a double stranded DNA molecule, wherein the mutation is a frameshift of the microsatellite as compared with the corresponding wild type microsatellite sequence. The primer comprises a region of at least 10 nucleotides that is complementary to the target sequence of the antisense or the sense strand of the DNA molecule containing the microsatellite having a frameshift mutation, except that the primer includes between one and four, or one and three, nucleotides which are mismatched to the target sequence containing the mutation in the microsatellite and which are also mismatched to a corresponding sequence containing the wild type microsatellite.

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