

Title (en)
DETECTING SPECIFIC NUCLEOTIDE SEQUENCES

Title (de)
DETEKTION SPEZIFISCHER NUKLEOTIDSEQUENZEN

Title (fr)
DETECTION DE SEQUENCES NUCLEOTIDIQUES SPECIFIQUES

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Application
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Priority

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Abstract (en)
[origin: WO234947A2] Oligonucleotide primers, each labeled with a molecular energy transfer pair, including an energy donor and an energy acceptor, are used to detect the presence of one or more identifying nucleotide sequences. Two sequence-specific oligonucleotide primers, one specific for a first identifying sequence and the other for the second identifying sequence, together with a reverse primer, are employed in a polymerase chain reaction mixture which contains a nucleic acid template. Using only its complementary identifying sequence as a template, each sequence-specific primer directs amplification. Resultant PCR products, representing the first and the second identifying sequence, are detected via PCR amplification which uses two MET-labeled primers, each specific for the PCR product representing either the first or the second identifying sequence, together with another primer that is complementary to the PCR products representing both identifying sequences.

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