



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

Probe Kit For Detecting A Single Strand Target Nucleotide Sequence

INVENTORS

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DESCRIPTION

A system for detecting a single strand target nucleotide sequence comprising:

- at least one first nucleic acid probe from 10 to 14 bases, to the 5' end of which at least one fluorophore is bound;
- at least one second nucleic acid probe from 35 to 50 bases, comprising, from the 5' to the 3' end
- a first segment having a nucleotide sequence complementary to the first nucleic acid probe,
- at least one quencher,
- a second segment having a nucleotide sequence complementary to at least part of the target nucleotide sequence.

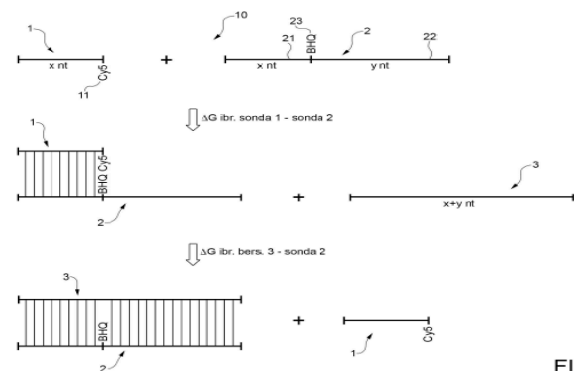


FIG. 1

APPLICATIONS

Detection, virus detection

KEYWORDS

SARS, HIV, HCV, genetic, ssRNA, targeting, bases, DNA

BIBLIOGRAPHIC DATA

Sistema Di Sonde Per Rivelare Una Sequenza Nucleotidica Bersaglio A Singolo Filamento

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