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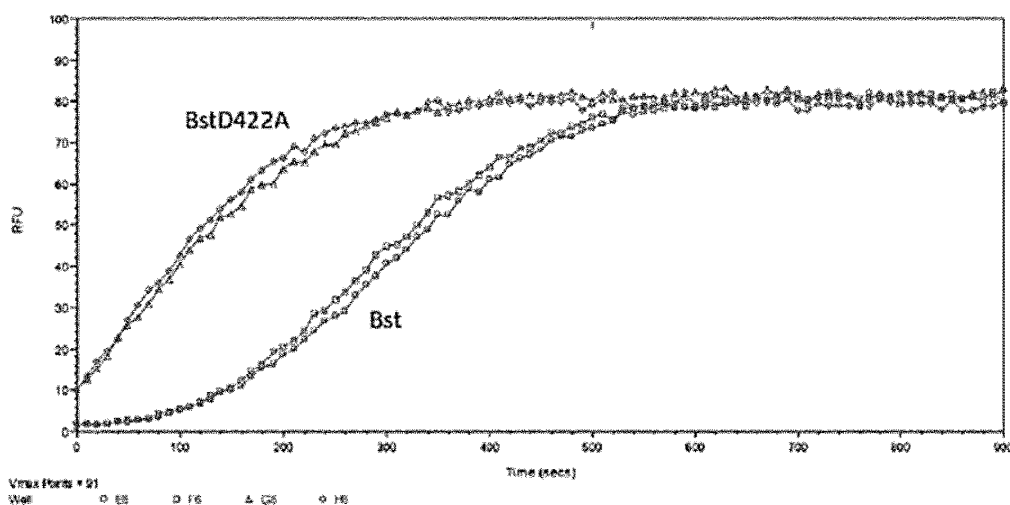


Fig. 6

(57) Abstract: The present invention provides a DNA polymerase including the sequence of SEQ ID NO. 1 or a sequence which is at least 70% identical thereto, but wherein the aspartic acid residue at position 18 of SEQ ID NO. 1, or the equivalent aspartic acid residue in other sequences, has been replaced by a non-negatively charged amino acid residue. It further provides DNA polymerases comprising the amino acid sequences of SEQ ID NO. 2, 11 and 12 and variants thereof. The present invention also provides nucleic acids encoding the DNA polymerases, a method of producing said DNA polymerases, and compositions, expression vectors and host cells or viruses comprising said DNA polymerases. The present invention also provides uses of said DNA polymerases in nucleotide polymerisation, amplification and sequencing reactions.

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