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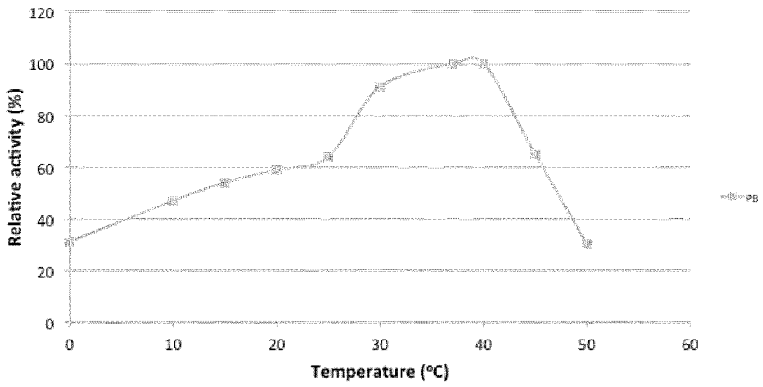
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(54) **Title**: MARINE DNA POLYMERASES

Figure 5



(57) **Abstract**: The present invention relates to DNA polymerases. In particular, the present invention relates to DNA polymerases based on a DNA polymerase from a *Psychrobacillus sp*. The present invention provides an isolated DNA polymerase or an enzymatically active fragment thereof, said DNA polymerase comprising the amino acid sequence of SEQ ID NO:1 or comprising an amino acid sequence which is at least 70% identical to SEQ ID NO:1. The invention also provides nucleic acid molecules comprising a nucleotide sequence that encodes the DNA polymerase. The invention also provides a method of nucleotide polymerisation and a method of amplifying a nucleic acid in which the DNA polymerase or an enzymatically active fragment thereof is used.

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