

ABSTRACT

5 The present invention is encompassed within the
biotechnology field. Specifically, it relates to a DNA
polymerase chimera comprising an amino-terminal (N-terminal)
region encoding a ϕ 29 type DNA polymerase and a carboxyl-
terminal (C-terminal) region comprising at least one HhH
domain which are bound by means of a connecting amino acid
sequence and to the use thereof for replicating, amplifying or
10 sequencing a template DNA. Likewise, the present invention
provides a method for replicating, amplifying or sequencing a
deoxyribonucleic acid with said DNA polymerase chimera and a
kit for carrying out said method.