

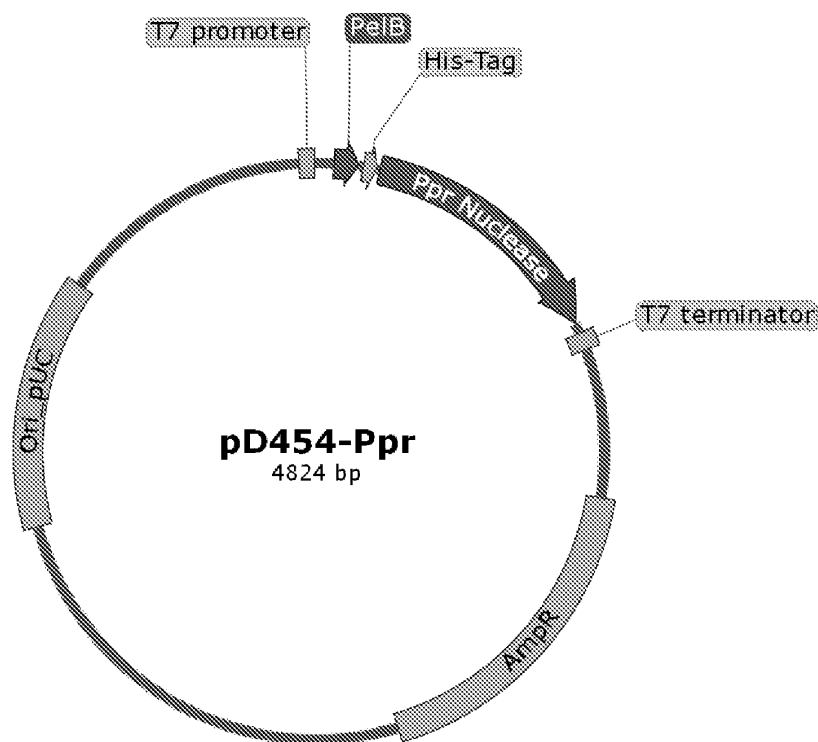


Fig.1

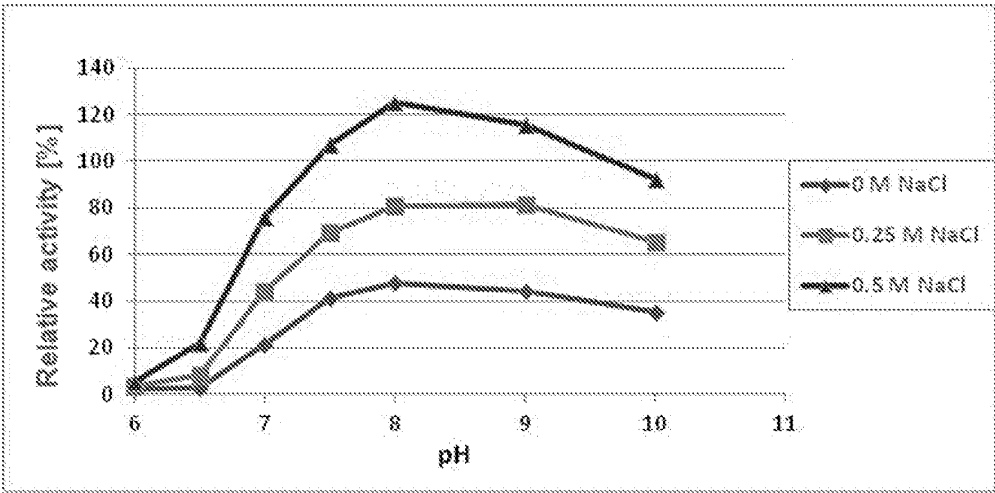


Fig.2

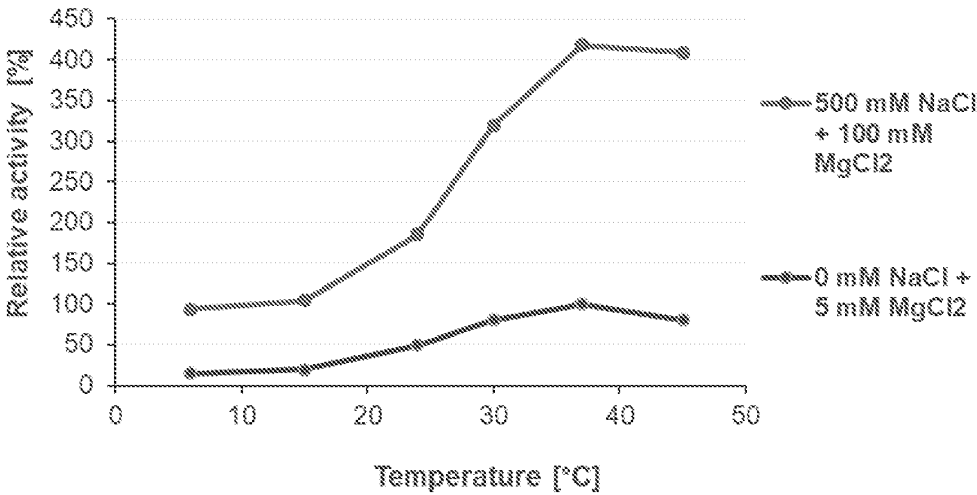


Fig. 3

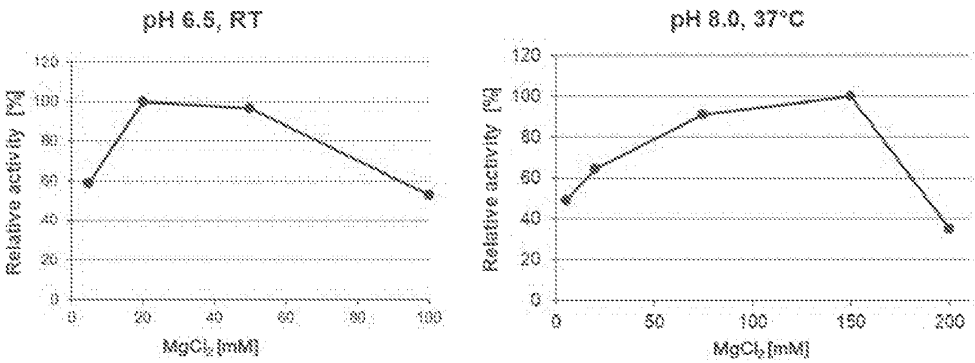


Fig. 4

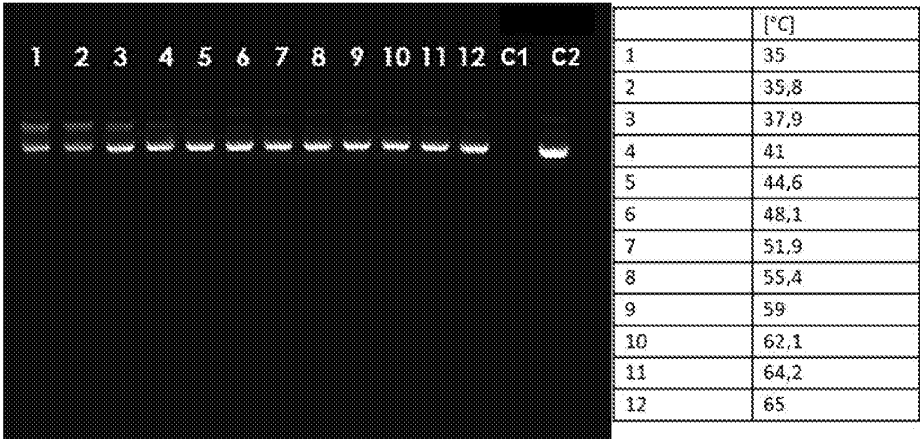


Fig.5

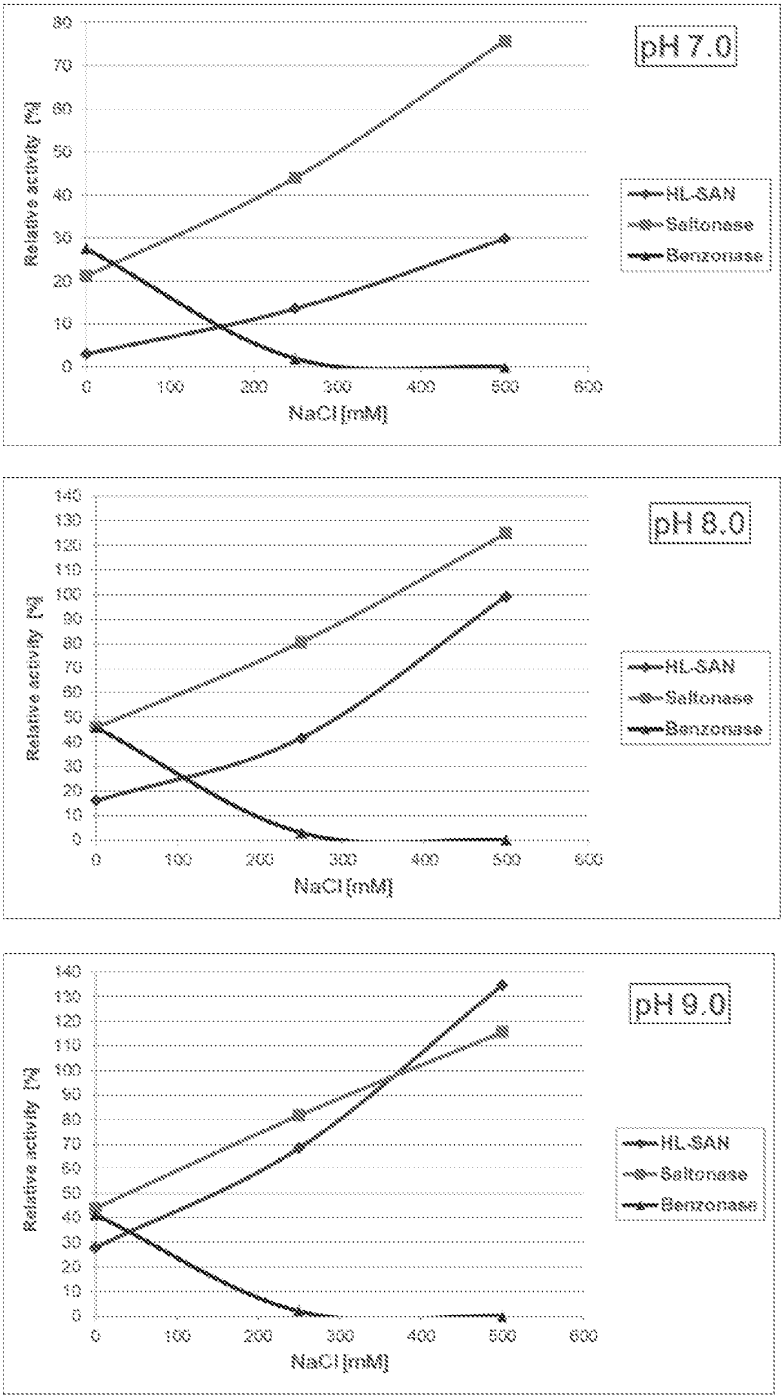


Fig. 6

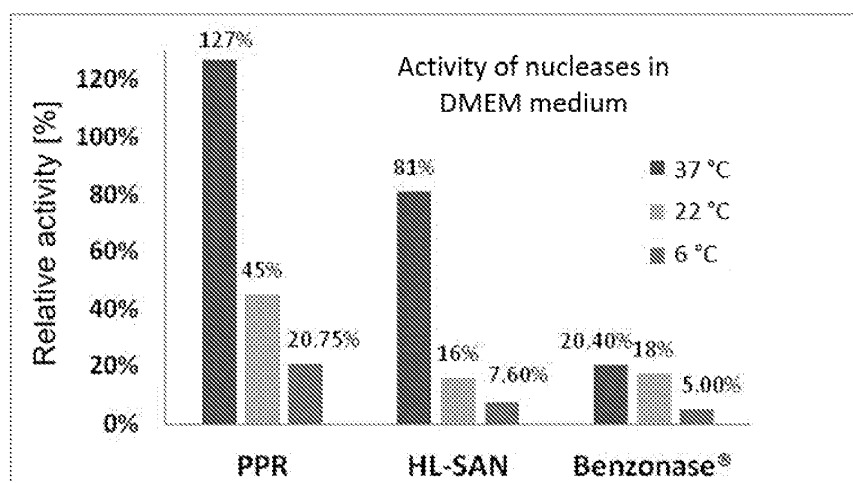


Fig. 7

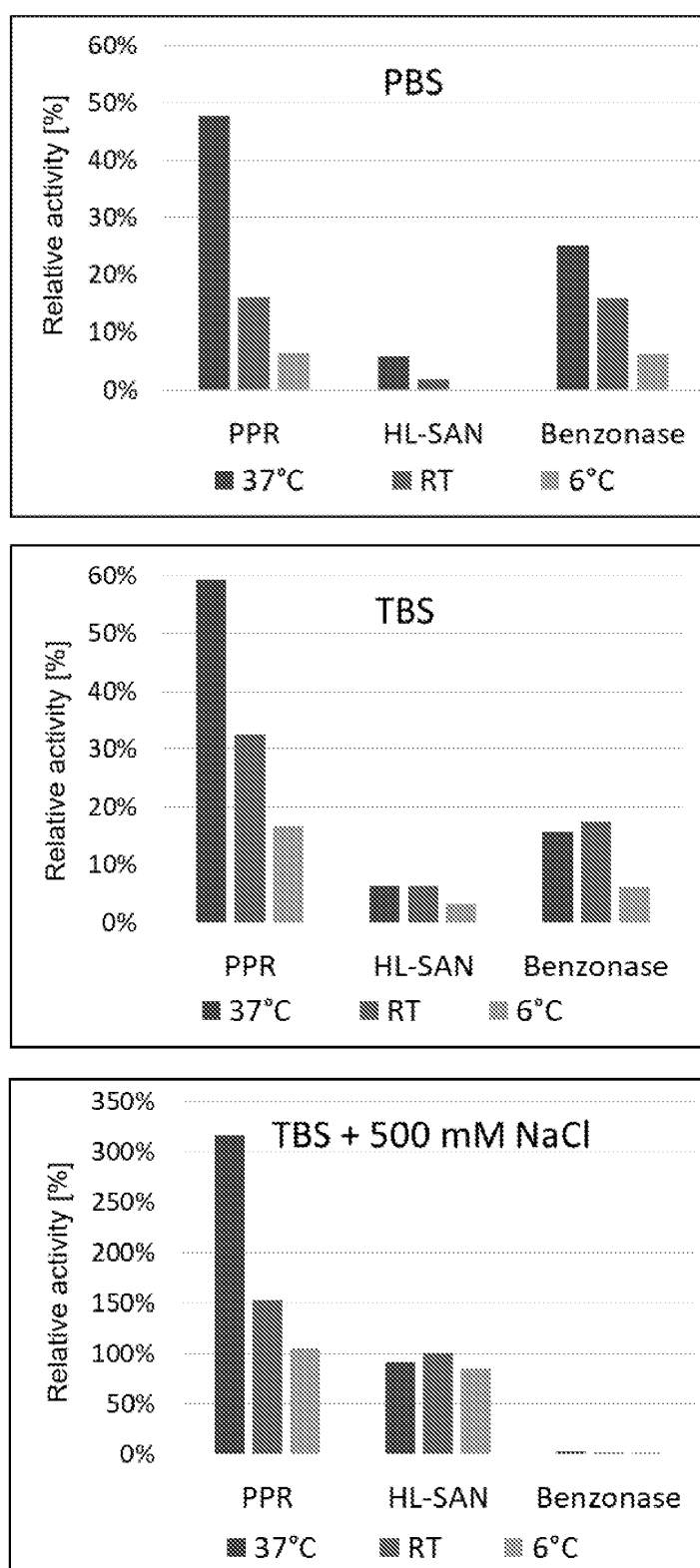


Fig.8

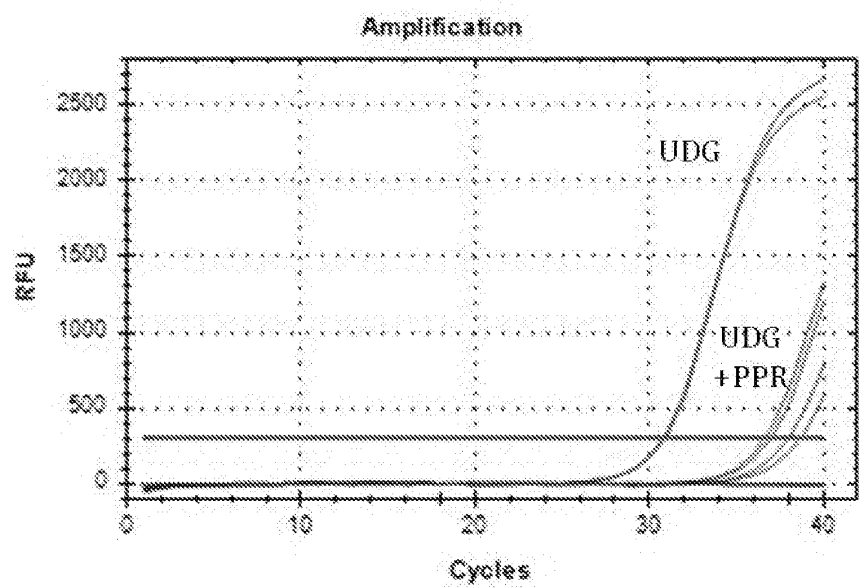


Fig. 9

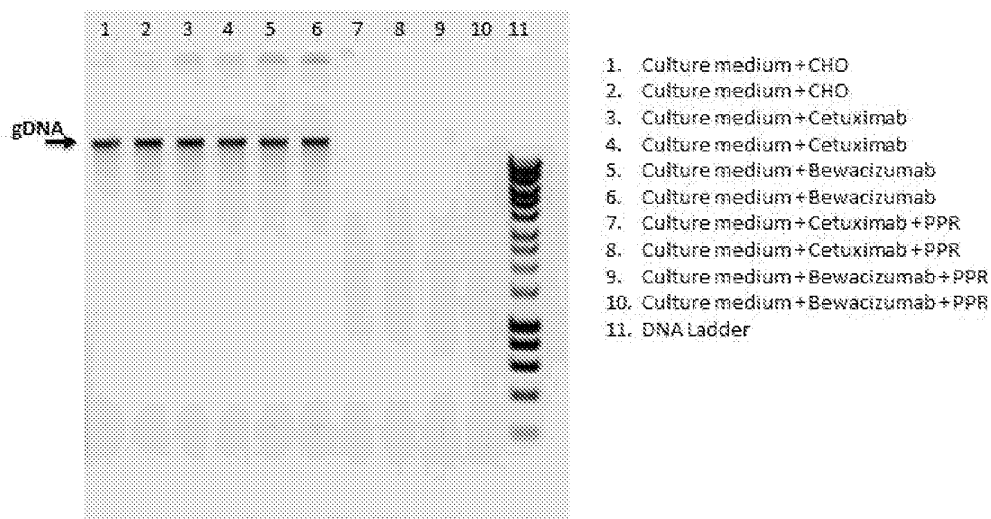


Fig.10

Sequences list

SEQ ID NO.: 1

Symbol: Ppr Nuclease

Lenth: 846 bp

Topology: linear dsDNA

CAGGCGCTCTTCTATGAAATATCTGCTGCCGACCGCAGCAGCGGGTCTGCTGCTGCTGG
CAGCACAGCCTGCAATGGCAGCATCCATGGAGCATCACCATCATCATCATGGTAGCGAA
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GACTGGTAGAAGAGCGCTGC

SEQ ID NO.: 2

Symbol: Ppr Nuclease amino acid sequence

Lenth: 269 AA

Topology: amino acid sequence

MKYLLPTAAAGLLLLAAQPAMAASMEHHHHHHGSENLYFQSAPPSSFSKAKRLAVEIYQ
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PISTWECERDRRIANIQDNHNSFVLQACKKAGY

SEQ ID NO.: 3A

Symbol: PelB leader amino acid sequence

Lenth: 22 AA

Topology: amino acid sequence

MKYLLPTAAAGLLLLLAAQPAMA

SEQ ID NO.: 3B

Symbol: His-Tag with TEV Protease cleavage site

Lenth: 19 AA

Topology: amino acid sequence

ASMEHHHHHHGSENLYFQS

SEQ ID NO.: 4

Symbol: pD454-Ppr - AmpR

Lenth: 4824 bp

Topology: circular plasmid dsDNA

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