

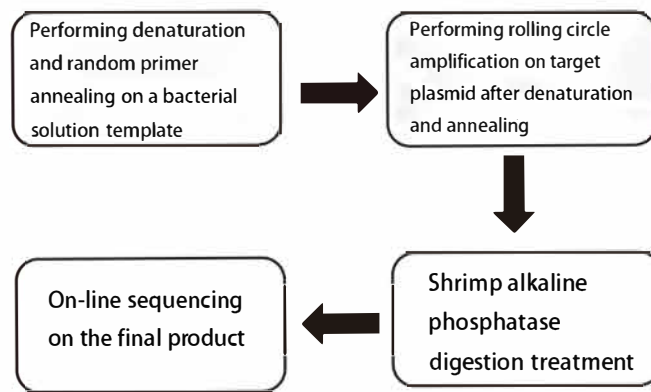
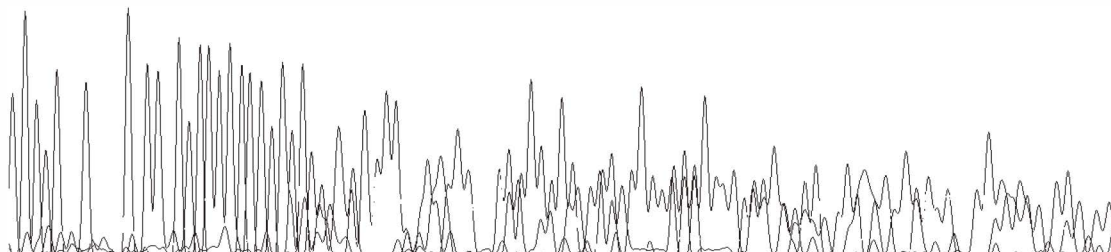


Figure 1

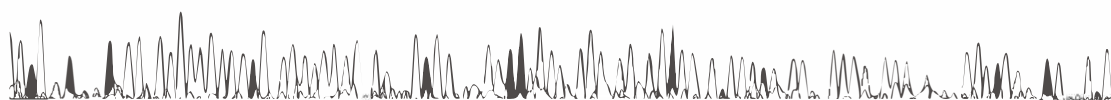
150 160 170 180 190 200 210 220 230 240 250
 C G G T G C G C C G T G C C C C G G G C T T G G G G G G G T T G T C C T T G C C G C G G T G G C C C C G C G G G C G C G G C

NEB reagent
 (doublet)



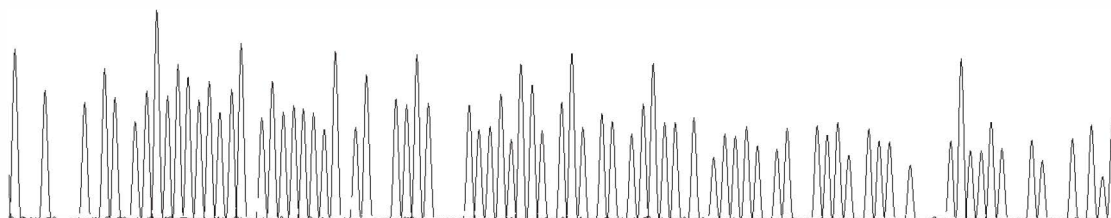
150 160 170 180 190 200 210 220 230 240 250
 C G G T G C G C C G T G C C C C G G G C T T G G G G G G G T T G T C C T T G C C G C G G T G G C C C C G C G G G C

Method in the literature
 (weak signal)



150 160 170 180 190 200 210 220 230 240 250
 C G G T G C G C C G T G C C C C G G G C T T G G G G G G G T T G T C C T T G C C G C G G T G G C C C C G C G G G C

The present invention



150 160 170 180 190 200 210 220 230 240 250
 C G G T G C G C C G T G C C C C G G G C T T G G G G G G G T T G T C C T T G C C G C G G T G G C C C C G C G G G C

Extraction of plasmids

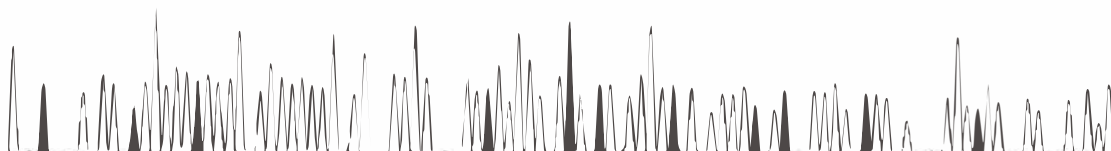
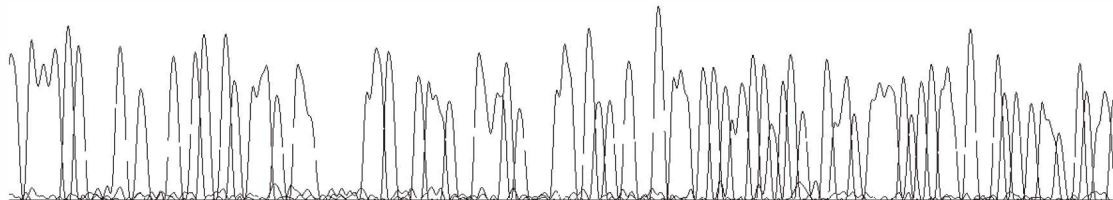


Figure 2

150 160 170 180 190 200 210 220 230 240 250
T C C C T G G T G G C C C G G G T T C C G G C G G C C G C G C T C G T C G T G C G C G G C C C G T C T G G G C G T G T G C G G

NEB reagent
(peak shape overlap)

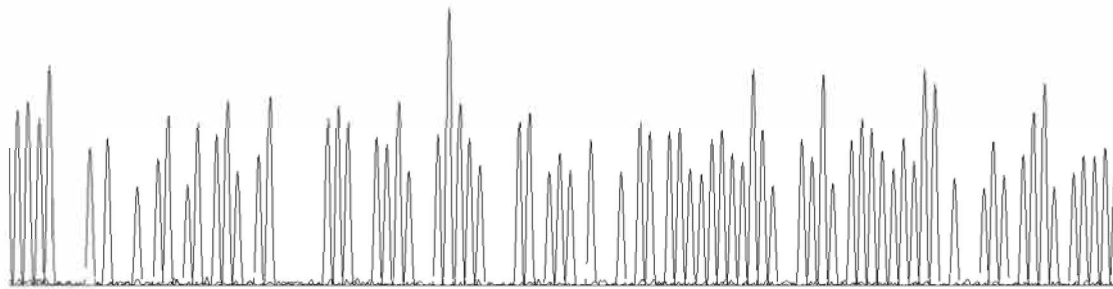


Method in the literature
(no signal)



150 160 170 180 190 200 210 220 230 240 250
C C T G G T G G C C C G G G T T C C G G C G G C C G C G C T C G T C G T G C G C G G C C C G T C T G G G C G T G T G C G G

The present invention



150 160 170 180 190 200 210 220 230 240 250
C C T G G T G G C C C G G G T T C C G G C G G C C G C G C T C G T C G T G C G C G G C C C G T C T G G G C G T G T G C G G

Extraction of plasmids

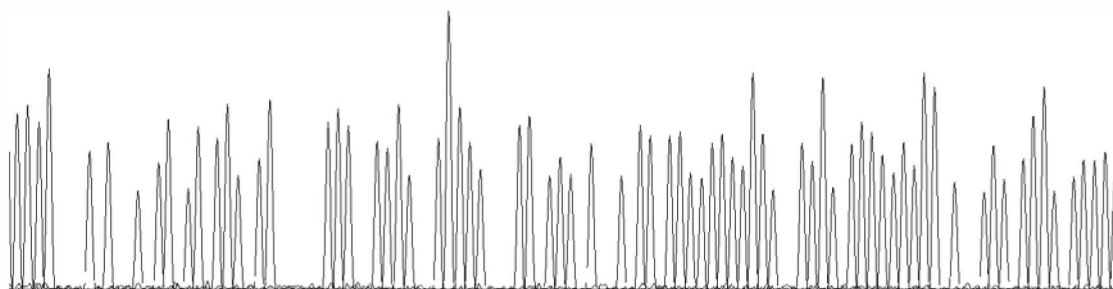
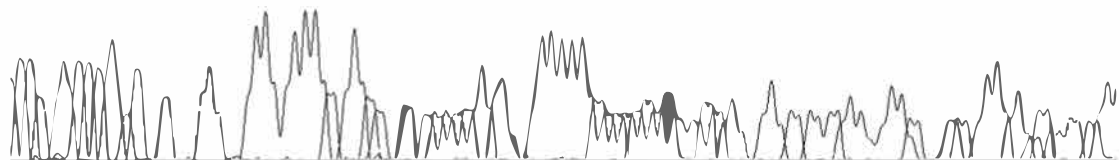


Figure 3

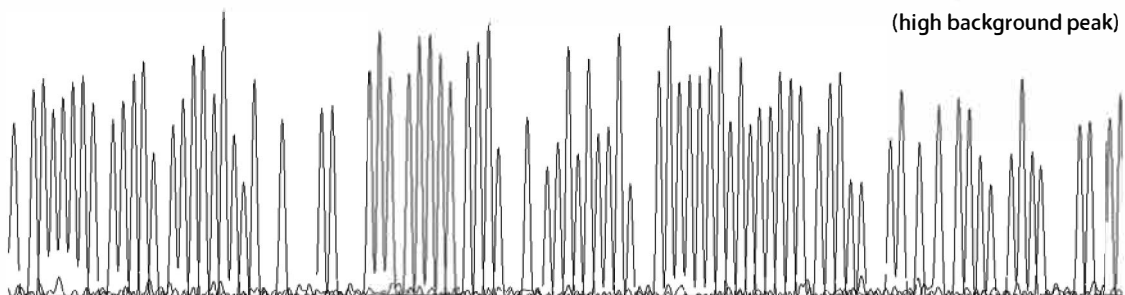
158 160 170 180 190 200 210 220 230 240 250
 CTCG CCTCTGGCT T GGG TTT TTTTC TTGC T GTGTGTGG TTTTGTGTCTCTC CTCGGG G C T TGG GGCC TC TTG TCG G TC C

NEB reagent
 (peak shape overlap)



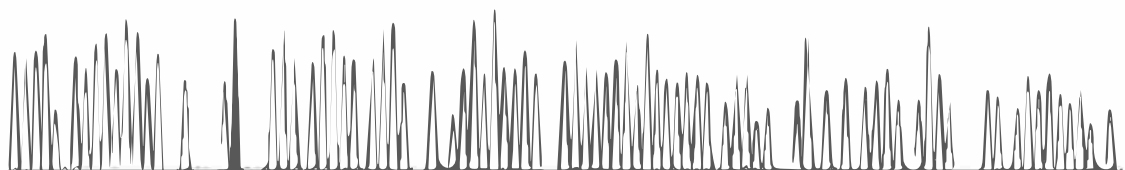
158 160 170 180 190 200 210 220 230 240 250
 G TCCCCG CCTCG CCTCTGGCT T GG TTT TTTTC TTGC T GTGTGTGG TTTTGTGTCTCTC CTCGG GG C T TGGG GGCC TC TT

Methods in the literature
 (high background peak)



158 160 170 180 190 200 210 220 230 240 250
 CCTCG CCTCTGGCT T GG TTT TTTTC TTGC T GTGTGTGG TTTTGTGTCTCTC CTCGG GG C T TGGG GGCC TC TTG TCG G TC C

The present invention



158 160 170 180 190 200 210 220 230 240 250
 CG CCTCTGGCT T GG TTT TTTTC TTGC T GTGTGTGG TTTTGTGTCTCTC CTCGG GG C T TGGG GGCC TC TTG TCG G TC C

Extraction of plasmids

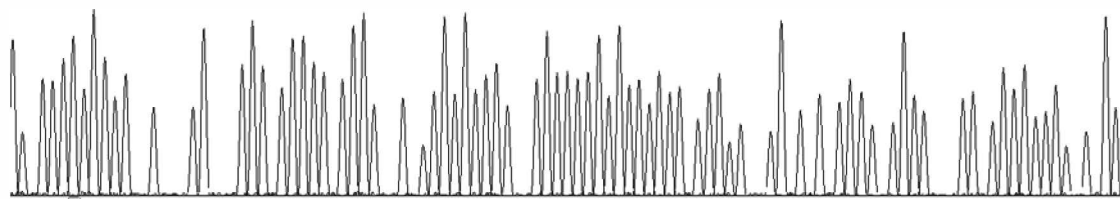


Figure 4

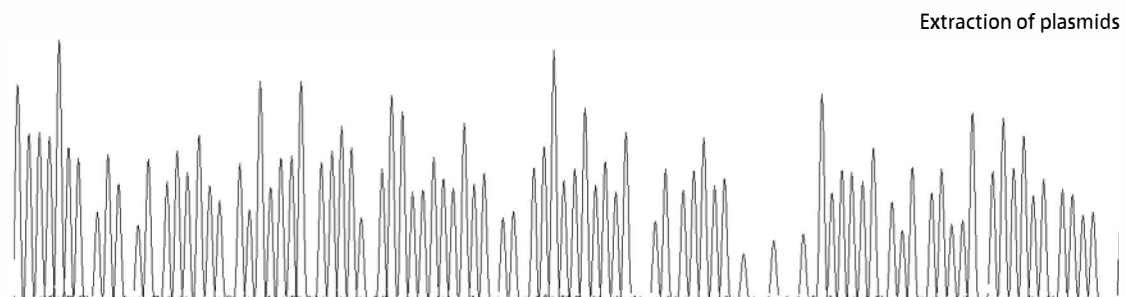
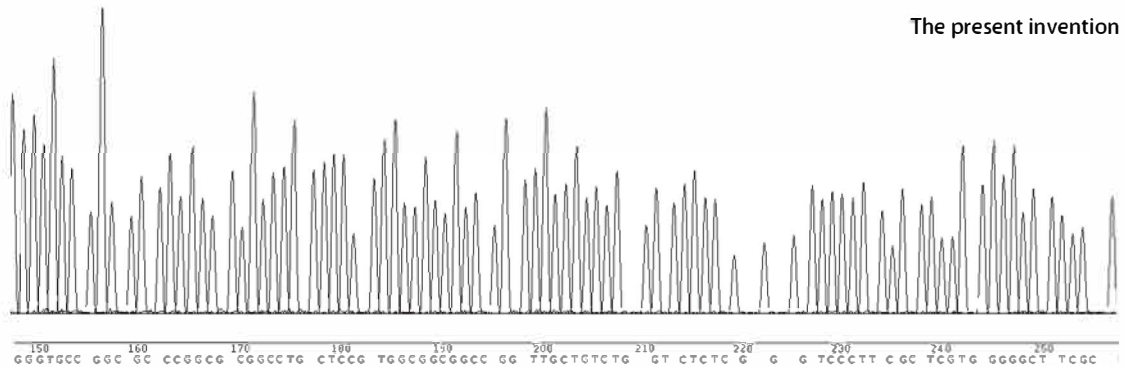
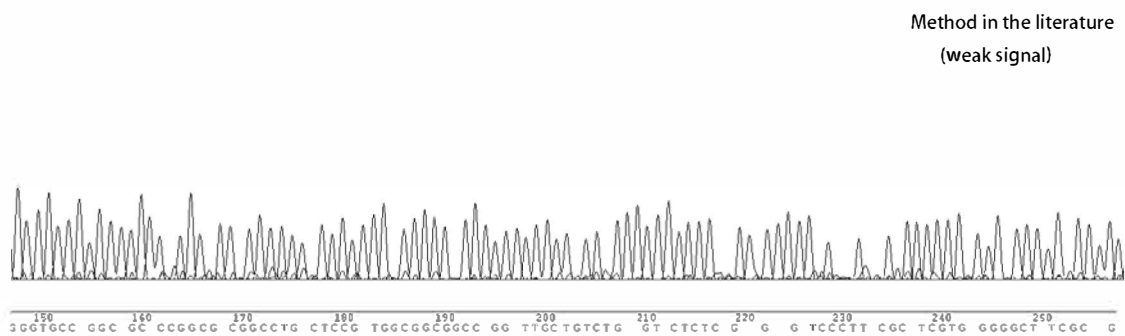
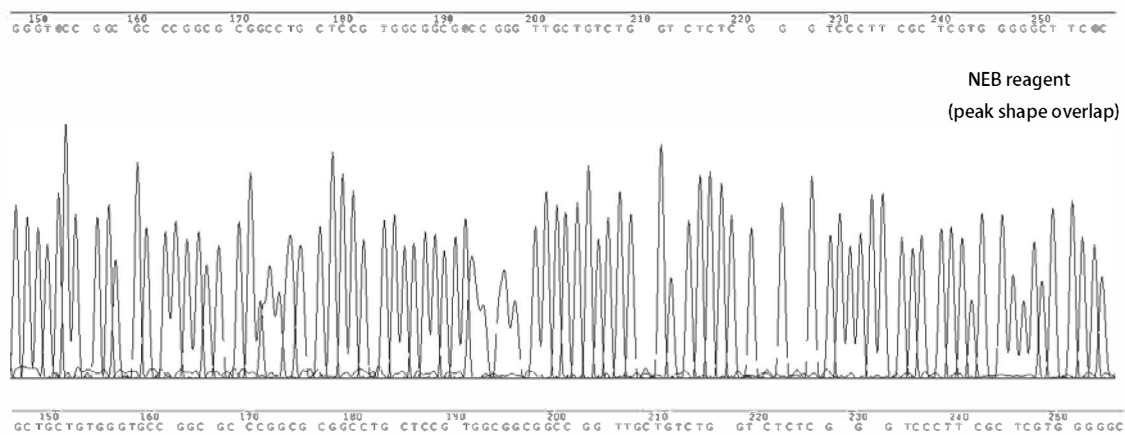


Figure 5