Protocol for Ligation

Prepare the reaction system as the following:

Component	volume
The product from gel extraction	35ng
Double-stranded oligonucleotides(product from phosphorylation modification)	2μL/each
T4 DNA ligase	1μL
10×T4 DNA ligase buffer	2μL
ddH_2O	Up to 20μL

Incubate the reaction system at 16℃ for 2 h.

Heat it at 65℃ for 10 min to end the reaction.