

## DNA Sequencing Service Premix Sample Prep

### TEMPLATE RECOMMENDATIONS FOR DNA SEQUENCING:

Please follow the guidelines to provide template and primer premixed in one tube:

#### For DS plasmid DNA:

λ 600-800 ng ds plasmid DNA template  
λ 2 μl 4 μM primer  
λ x μl sterile water  
λ 28 μl total volume

#### For PCR Product:

λ 10-20 ng templates for every 200 bp of PCR fragment length.  
λ 2 μl 4uM primer  
λ x μl sterile water  
λ 28 μl total volume  
(Mix 25-50 ng for every 500 bp PCR fragment)

This total volume is sufficient for two sequencing reactions, which allow us to repeat a sample in case of technical problems.