**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.