**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.