Golden Gate Cloning LVL 0

1. **Reaction Setup on ice:**

    1.1. Add 1 µL of 70 ng Template DNA.

    1.2. Add three fold excess of PCR-Fragment.

    1.3. Add 0.5 µL BsmBI.

    1.4. Add 0.5 µL T7-Ligase.

    1.5. Add 1 µL T4-Ligase Buffer.

    1.6. Fill with Nuclease-free water to 10 µL.

2. **Thermocycling conditions:**

3. 30 Cycles of step 3.1 and 3.2:

    3.1. 2 min. 98°C.

    3.2. 5 min. 16°C.

4. 30 min. 37°C.

5. 10 min. 80°C.

6. Hold 20°C.