

# Transformation into BL21

## Protocol

1. 50  $\mu$ l competent cells + 2  $\mu$ l plasmid
2. Leave 30 minutes on ice
3. Heat shock 42 °C 45 minutes
4. Place on ice
5. Add 300  $\mu$ l SOC medium
6. Incubate at 37 °C 1 hour.
7. Plate 100  $\mu$ l on LB+AMP plate
8. Keep the remaining transformations in fridge at 4 °C