

# Transformation Version 3

Rengin Yagmur Akbiyik

## Abstract

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## Protocol

Add DNA to competent cells

### Step 1.

Let stand on ice for 30 min

### Step 2.

 DURATION

00:30:00 : On ice

Heat shock

### Step 3.

 TEMPERATURE


42 °C :

 DURATION

00:01:00 :

 EQUIPMENT

Equipment brand:

Grant Bio PHMT Thermoshaker 

SKU: unnamed.jpg

125-0649

Specifications:

Leave on ice

### Step 4.

 DURATION

00:01:00 :

Add LB

### Step 5.


 AMOUNT

900 µl : for 100 µl cells

 AMOUNT

800 µl : for 200 µl cells

 REAGENTS

 LB Broth J106-2KG by [Amresco](#)

## EQUIPMENT

Equipment brand:

Shaker

SKU:



shaker.png

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Specifications:

Put in a shaker

### Step 6.

 TEMPERATURE

37 °C :

 DURATION

00:50:00 :

Centrifuge at 7000 rpm

### Step 7.

 DURATION

00:01:00 :

 EQUIPMENT

Equipment brand:

Centrifuge

SKU:



cent.png

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Specifications:

Discard LB

### Step 8.

Resuspend cells and plate them all

### Step 9.