TRANSFORMATION OF DH5α CELLS

Protocol:

1. Put 1-5 μL of ligation mixture into a thermocycler tube.
2. Add 50-125 μL of DH5α cells.
3. Let sit on ice for thirty minutes.
4. Heat shock for thirty seconds at 42°C.
5. Sit on ice for five minutes.
6. Add 250 μL of SOC.
7. Incubate in a shaker at 37°C for between an hour to an hour and a half.
8. Plate the resultant cells. (~50 μL). Verify selection of plasmid for the right antibiotic.
9. Plate the non-transformed competent cells for a negative control.