

ELIC

Introduction

ELIC is used to assemble full plasmids inside the cell.

Materials

- › Competent cells
- › 15 fmol vector
 - › We used 40ng of vector, which was 16,06 fmol in the whole reaction
- › 45 fmol each fragment in the insert
 - › Vector:insert ratio 1:3

Procedure

1. Mix
 - 15 fml vector (backbone)
 - 45 fmol each fragment in the insert
 - add water to bring total volume to 10 μ l
2. Incubate the reaction mix in room temperature for 60 minutes.
3. Transform the mix into competent cells