



Dpn1 Selection

Introduction

Dpn1 restriction enzyme cuts methylated DNA and gets rid of the original plasmid backbone. It is used to select for plasmid construct post-PCR.

Reagents

-  Dpn1 restriction enzyme
-  PCR product of interest

Equipment

-  Incubator cabinet

Procedure

1. Add 1 μL of Dpn1 restriction enzyme to your PCR product of interest.
2. If necessary for later use in Golden Gate Assembly, include positive (no addition of Dpn1) and negative (addition of 1 μL of Dpn1) controls.
3. Incubate each tube for 30 minutes at 37°C.