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NEBNext Ultra End Prep Mixture E7442 V.4

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Protocol status: Working

We use this protocol and it's working

Created: November 09, 2020

Last Modified: November 15, 2020

Protocol Integer ID: 44340



Materials

MATERIALS

⊗ NEBNext End Prep Enzyme Mix **New England Biolabs Catalog #E7646**

⊗ NEBNext End Repair Reaction Buffer **New England Biolabs Catalog #E7372**

STEP MATERIALS

⊗ NEBNext End Prep Enzyme Mix **New England Biolabs Catalog #E7646**

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NEBNext End Prep

1

Starting Material: 5 ng-1 µg fragmented DNA

Mix the following components in a sterile, nuclease-free tube:

Component	Volume
End Prep Enzyme Mix	3 µl
End Repair Reaction Buffer (10X)	6.5 µl
Fragmented DNA	55.5 µl
Total Volume	65 µl

 NEBNext End Prep Enzyme Mix **New England Biolabs Catalog #E7646**

 NEBNext End Repair Reaction Buffer **New England Biolabs Catalog #E7372**

2 Mix by pipetting, followed by a quick spin to collect all liquid from the sides of the tube.

3 Place in a thermocycler, with the heated lid on, and run the following program:

30 minutes @ 20°C

30 minutes @65°C

Hold at 4°C

4 Proceed directly to NEBNext Ultra Ligation Module (NEB #E7445).