VERSION 3

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Protocol status: Working
 We use this protocol and it's working

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NEBNext Ultra End Prep Mixture E7442 V.3

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MATERIALS

MATERIALS

NEBNext End Prep Enzyme Mix New England Biolabs Catalog
 #E7646

NEBNext End Repair Reaction Buffer New England Biolabs Catalog
 #E7372

STEP MATERIALS

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NEBNext End Prep

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Starting Material: 5 ng-1 µg fragmented DNA

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

Component	Volume
EndPrepEnzymeMix	3 µl
EndRepairReactionBuffer(10X)	6.5 µl

Fr a g m e n t e d D N A	5 5. 5 μl
T o t a l V o l u m e	6 5 μl

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- 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).