https://community.nanoporetech.com/protocols/genomic-dna-sqk-nsk007/v/gde_9002_v7_revc_16may2016-449/dna-repair

- **Perform FFPE DNA repair treatment using NEB M6630.**

Reagent	Volume
1-1.5 µg fragmented** DNA	45µl
Nuclease-free water	8.5 µl
FFPE Repair Buffer	6.5 µl
FFPE Repair Mix	2 µl
Total	62 µl

- **Mix gently by inversion and spin down.**

- **Incubate the reaction for 15 minutes at 20 °C.**

- **Resuspend AMPure XP beads by vortexing.**

- **Add 62 µl of the resuspended beads to the End-prep reaction and mix gently by pipetting.**

- **Incubate on a rotator mixer (Hula mixer) for 5 minutes at *room temperature*.**

- **Rotator mixer**

The agitation is gentle and the contents of the tube may not appear to move at all. This allows the DNA to bind to the beads.

- **Prepare 500 µl of fresh 70% ethanol in nuclease-free water.**

- **Spin down the sample and *pellet on a magnet*. Leaving the tube on the magnet, pipette off the supernatant.**

- **Keep on magnet, wash beads with 200 µl of freshly prepared 70% ethanol without disturbing the pellet. Remove the 70% ethanol using a pipette and discard. Repeat.**

- **Spin down and replace on magnet to collect and pipette off any residual 70% ethanol. Briefly allow to dry.**

- **Remove the tube from the magnetic rack and resuspend pellet in 46 µl nuclease-free water. Incubate for 2 minutes at *room temperature*.**

- ***Pellet beads* on magnet until the eluate is clear and colourless.**

- **Remove and retain 46 µl of eluate in a clean 1.5 ml Eppendorf DNA LoBind tube.**