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Nextera XT at 0.2X On the Mantis V.4

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Protocol status: Working

We use this protocol and it's working

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Abstract

Protocol to generate Nextera libraries using 0.2x reagents in a 96-well PCR plate using the Formulatrix Mantis instrument.

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Attachments



HT_031_Mantis_Chip_C..

31KB



HT_043_How_To_Clean..

17KB



MB0196_Nextera_XT_at..

2MB

Materials

- 1.1. Associated Library paper work
- 1.2. 96-well plate with normalized cDNA at 50 pg/μl (Stored at 4°C)
- 1.3. Library plate labels
- 1.4. 5x Eppendorf twin.tec® 96-well PCR Plates (VWR 47744-106)
- 1.5. 4x Formulatrix molecular grade HV chips for Mantis instrument (MCHSVM96)
 1. Filtered pipette tips (GP-L200F, GP-L1000F)
- 1.7. Nextera XT DNA Sample Preparation Kit for 96 Samples (Illumina FC-131-1096)
 - 1.7.1. Tagment DNA Buffer (TD) (15027866)
 - 1.7.2. Amplicon Tagmentation Mix (ATM) (15031561)
 - 1.7.3. Nextera PCR Master Mix (NPM) (15027920)
 - 1.7.4. Neutralize Tagment Buffer (NT) (15031559)
- 1.8. Microseal 'B' Adhesive seal (BioRad MSB1001)
- 1.9. VWR Aluminum Foil seals for PCR, Sterile (VWR 60941-076)
- 1.10. Index primers combined at 2.5 μM each in 96 well plate format.
- 1.11. Small Kimwipes (VWR 21905-026)

