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Preparing samples for NGS

In 1 collection

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ABSTRACT

This protocol describes a standard procedure used to prepare PCR samples for Next Generation Sequencing (NGS)

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MATERIALS TEXT

Item	Vendor	Catalog #
Wizard SV Gel and PCR clean-up system	Promega	A9301
AMPure XP beads alternative	UC Berkeley	
Microseal® 'B' Adhesive Seals	Biorad	MSB1001
96-well PCR plate	GeneMate	T-3152-1

1 Run 5 µl PCR product in a 1% agarose gel to confirm successful amplification

2 Purify the rest of the PCR product using column based or SPRI-beads based method, like Wizard SV Gel and PCR clean-up system or AMPure XP beads

3 Following the instruction of the NGS facility, dilute the purified amplicon to a proper concentration, usually 10 ng/µl

4 Send the purified samples to a NGS facility for multiplexing, library prep and NGS.

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