

Materials List for:

Optimization for Sequencing and Analysis of Degraded FFPE-RNA Samples

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URL: <https://www.jove.com/video/61060>

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Materials

Name	Company	Catalog Number	Comments
2100 Bioanalyzer	Agilent	G2939BA	
Agilent DNA 7500 Kit	Agilent	5067-1506	
Agilent High Sensitivity DNA Kit	Agilent	5067-4626	
Agilent RNA 6000 Nano Kit	Agilent	5067-1511	
AllPrep DNA/RNA FFPE Kit	Qiagen	80234	
CFX96 Touch System	Bio-Rad	1855195	
Library Quantification kit v2-Illumina	KapaBiosystems	KK4824	
NEBNext Ultra II Directional RNA Library Prep Kit for Illumina	New England Biolabs	E7765S	https://www.neb.com/protocols/2017/02/07/protocol-for-use-with-ffpe-rna-nebnext-rrna-depletion-kit
NEBNext rRNA Depletion Kit (Human/Mouse/Rat)	New England Biolabs	E6310L	
NextSeq 500 Sequencing System	Illumina	SY-415-1001	NextSeq 500 System guide: https://support.illumina.com/content/dam/illumina-support/documents/documentation/system_documentation/nextseq/nextseq-500-system-guide-15046563-06.pdf
NextSeq PhiX Control Kit	Illumina	FC-110-3002	
NSQ 500/550 Hi Output KT v2.5 (150 CYS)	Illumina	20024907	
10X Genomics Magnetic Separator	10X Genomics	120250	
Rotator Multimixer	VWR	13916-822	
C1000 Touch Thermal Cycler	Bio-Rad	1851197	
Sequencing reagent kit	Illumina	20024907	
Flow cell package	Illumina	20024907	
Buffer cartridge and the reagent cartridge	Illumina	20024907	
Sodium hydroxide solution (0.2N)	Millipore Sigma	SX0607D-6	
TRIS-HCL Buffer 1.0M, pH 7.0	Fisher Scientific	50-151-871	