

Materials List for:

# RNA Next-Generation Sequencing and a Bioinformatics Pipeline to Identify Expressed LINE-1s at the Locus-Specific Level

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URL: <https://www.jove.com/video/59771>

DOI: [doi:10.3791/59771](https://doi.org/10.3791/59771)

## Materials

Name	Company	Catalog Number	Comments
1 M HEPES	Affymetrix	AAJ16924AE	
5 M NaCl	Invitrogen	AM9760G	
Agilent bioanalyzer 2100	Agilent technologies		
Agilent RNA 6000 Nano Kit	Agilent technologies	5067-1511	
bedtools.26.0			<a href="https://bedtools.readthedocs.io/en/latest/content/installation.html">https://bedtools.readthedocs.io/en/latest/content/installation.html</a>
bowtie-0.12.8			<a href="https://sourceforge.net/projects/bowtie-bio/files/bowtie/0.12.8/">https://sourceforge.net/projects/bowtie-bio/files/bowtie/0.12.8/</a>
Cell scraper	Olympus plastics	25-270	
Chloroform	Fisher	C298-500	
Digitonin	Research Products International Corp	50-488-644	
Ethanol	Fisher	A4094	
Gibco (Phosphate Buffered Saline)	Invitrogen	10-010-049	
Homogenizer	Thomas Scientific	BBI-8541906	
IGV 2.4			<a href="https://software.broadinstitute.org/software/igv/download">https://software.broadinstitute.org/software/igv/download</a>
Isopropanol	Fisher	A416-500	
mac2unix			<a href="https://sourceforge.net/projects/cs-cmdtools/files/mac2unix/">https://sourceforge.net/projects/cs-cmdtools/files/mac2unix/</a>
Q-tips	Fisher	23-400-122	
RNAse later solution	Invitrogen	AM7022	
RNaseZap RNase Decontamination Solution	Invitrogen	AM9780	
samtools-1.3			<a href="https://sourceforge.net/projects/samtools/files/">https://sourceforge.net/projects/samtools/files/</a>
sratoolkit.2.9.2			<a href="https://github.com/ncbi/sra-tools/wiki/Downloads">https://github.com/ncbi/sra-tools/wiki/Downloads</a>
SUPERase-In RNase Inhibitor	Invitrogen	AM2694	
Trizol	Invitrogen	15-596-018	
Water (DNASE, RNASE free)	Fisher	BP2484100	