

Materials List for:

Use of *Alu* Element Containing Minigenes to Analyze Circular RNAs

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URL: <https://www.jove.com/video/59760>

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Materials

Name	Company	Catalog Number	Comments
(PEI) Hydrochloride	Polysciences	24765-1	
Builder tool	NEB		https://nebuilder.neb.com/#/
Dark Reader Transilluminator.	Clare Chemical Research		
Enzymatic DNA assembly kit	NEB	E2621S	
Gel and PCR cleanup kit	Promega	A9282	
Glyco Blue	Thermo Fisher	AM9516	
pcDNA3.1 cloning site	Polycloning site		https://assets.thermofisher.com/TFS-Assets/LSG/manuals/pcdna3_1_man.pdf
Polymerase 1	NEB	M0491L	Q5 DNA polymerase
Polymerase 2	Biorad	1725310	Long range polymerase (NEB), iproof (BioRad)
Polymerase 2	Qiagen	206402	Qiagen long range polymerase kit
Reverse Transcriptase	Thermo Fisher	18080044	
RNA isolation kit	Life Technologies	12183025	Ambion by Life Technologies
RNAse R	Lucigen	RNR07250	Epicenter/Lucigen
Stable competent cells	NEB	C3040H	NEB stable cells
Standard cloning bacteria	NEB	C2988J	NEB5-alpha competent
Web tool to design primers	NEB		https://nebuilder.neb.com/#/
Web-based temperature calculations	NEB		https://tmcalculator.neb.com/#/!main