

Materials List for:

# Adeno-Associated Virus-Mediated Delivery of CRISPR for Cardiac Gene Editing in Mice

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URL: <https://www.jove.com/video/57560>

DOI: [doi:10.3791/57560](https://doi.org/10.3791/57560)

## Materials

Name	Company	Catalog Number	Comments
Alexa Fluor 555 goat anti-rabbit IgG	Thermo Fisher Scientific	A-21428	
Benzonase Nuclease	Sigma-Aldrich	E1014	
Bio Safety Cabinets	Thermo Fisher Scientific	1347	1300 Series A2 Class II, Type A2
Bsal	New England BioLabs Inc	RO535S	
Competent cells	Agilent Technologies	200314	
Cell culture dishes, 150mm	Nest Scientific USA	715001	
Cryostat	Leica Biosystems		Leica CM3050S
DMEM	Thermo Fisher Scientific	MT10017CV	Corning cellgro
Dystrophin antibody	Spring Bioscience	E2660	
Fast-Ion Midi Plasmid Kits	IBI Scientific	IB47111	
FBS	Thermo Fisher Scientific	26-140-079	
Filter Unit, 0.45µm	Thermo Fisher Scientific	166-0045	
GoTaq Master Mixes	Promega	M7122	
High-speed plasmid mini kit	IBI Scientific	IB47102	
Horse serum	Abcam	ab139501	
Isotemp 2239 Water Bath	Thermo Fisher Scientific	15-460-11Q	
Isotemp Heat Block	Thermo Fisher Scientific	11-718	
Inverted confocal microscope	Carl Zeiss Microscopy, LLC		LSM 780
LightCycler 480 instrument	Roche	5015243001	LightCycler 480 Instrument II
Large Capacity Centrifuge	Thermo Fisher Scientific	46-910	Thermo Scientific Sorvall RC 6 Plus
Microcentrifuge	Thermo Fisher Scientific	75002445	Sorvall Legend Micro 21R
Nanodrop spectrophotometers	Thermo Scientific	ND2000CLAPTOP	NanoDrop™ 2000/2000c
Oligos for i20-F	Integrated DNA Technologies		CACCgGGCGT TGAAATTCTCATTAC
Oligos for i20-R	Integrated DNA Technologies		AAAC GTAATGAGAATTTCAACGCCc;
Oligos for i23-F	Integrated DNA Technologies		CACCgCACCGATGAGAGGG AAAGGTC
Oligos for i23-R	Integrated DNA Technologies		GACCTTCCCTCTCATCGGTGc
Oligos	Integrated DNA Technologies		
OptiPrep Density Gradient Medium	Sigma-Aldrich	D1556-250ML	
OptiMEM	Thermo Fisher Scientific	31985070	
PEG8000	Sigma-Aldrich	89510-1kg-F	

Polyethylenimine	Polysciences	23966	
Proteinase K	Sigma-Aldrich	P2308	
Quick-Seal centrifuge tube	Beckman Coulter Inc	342414	
QIAquick Gel Extraction kit	Qiagen	28704	
Radiant SYBR Green Hi-ROX qPCR Kits	Alkali Scientific	QS2005	
RevertAid RT Reverse Transcription Kit	Thermo Fisher Scientific	K1691	
Rotor	Beckman Coulter Inc	337922	Type 70Ti
T4 DNA ligase	New England BioLabs Inc	M0202S	
Thermal Cycler	Bio-rad	1861096	
TRIzol Reagent	Thermo Fisher Scientific	15596026	
Ultracentrifuge	Beckman Coulter Inc	8043-30-1192	Optima le-80k
Ultra centrifugal filter unit	MilliporeSigma	UFC510096	
VECTASHIELD Mounting Medium with DAPI	Vector Laboratories, Inc	H-1200	