

Materials List for:

In Vivo Nanovector Delivery of a Heart-specific MicroRNA-sponge

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Materials

Name	Company	Catalog Number	Comments
pEGFP-C1 vector	Addgene	6084-1	
In-fusion	Clontech	121416	
QIAprep Miniprep	Qiagen	27104	
QIAquick Gel Extraction Kit	Qiagen	28704	
miR-181-sponge synthesis	Introgen GeneArt	custome made	
PCR primers	Integrated DNA Technologies	custome	
EcoRI enzymes	New England Biolabs	R0101S	
KpnI enzymes	New England Biolabs	R0142S	
Rapid DNA Ligation Kit	Sigma-Aldrich	11635379001	
H9c2 cells	ATCC	CRL-1446	
DMEM Media	Thermo Fisher Scientific	11965092	
Fetal Bovine Serum	Thermo Fisher Scientific	10082139	
Nucleofector 2b Device	Lonza	AAB-1001	
Nucleofector Kits for H9c2 (2-1)	Lonza	VCA-1005	
G418, Geneticin	Thermo Fisher Scientific	11811023	
FACSAria II Flow cytometer	BD Bioscience	644832	
Branson 450 sonifier	Marshall Scientific	EDP 100-214-239	
The Xenogen IVIS Spectrum optical imaging device	Caliper Life Sciences		
Anti-MTCO1 antibody	Abcam	ab14705	
α-tubulin antibody	Abcam	ab7291	
Sequoia C256 ultrasound system	Siemens		