

Materials List for

Genetic Profiling and Genome-Scale Dropout Screening to Identify Therapeutic Targets in Mouse Models of Malignant Peripheral Nerve Sheath Tumor

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jove.com/video/65430

Materials

Name	Company	Catalog Number	Comments
Bioruptor Sonication System	Diagenode	UCD-600	
CASAVA 1.8.2			
Cbot	Illumina, San Diego, CA	N/A	
Celigo Image Cytometer	Nexcelom	N/A	
Cellecta Barcode Analyzer and Deconvoluter software			
Citrisolve Hybrid	Decon Laboratories	5989-27-5	
Corning 96-well Black Microplate	Millipore Sigma	CLS3603	
Diagenode Bioruptor 15ml conical tubes	Diagenode	C30010009	
dNTP mix	Clontech	639210	
Eosin Y	Thermo Scientific	7111	
Elution buffer	Qiagen	19086	
Ethanol (200 Proof)	Decon Laboratories	2716	
Excel	Microsoft		
FWDGEX 5'-CAAGCAGAAGACGGCATAACGAGA-3'			
FWDHTS 5'-TTCTCTGGCAAGCAAAGACGGCATA-3'			
GexSeqS (5' AGAGGTTTCAGATTCTACAGTCCGAA-3'			HPLC purified
GraphPad Prism	Dotmatics		
Harris Hematoxylin	Fisherbrand	245-677	
Illumina HiScanSQ	Illumina, San Diego, CA	N/A	
Paraformaldehyde (4%)	Thermo Scientific	J19943-K2	
PLUS Transfection Reagent	Thermo Scientific	11514015	

Polybrene Transfection Reagent	Millipore Sigma	TR1003G	
PureLink Quick PCR Purification Kit	Invitrogen	K310001	
Qiagen Buffer P1	Qiagen	19051	
Qiagen Gel Extraction Kit	Qiagen	28704	
RevGEX 5'- AATGATACGGCGACCACCGAGA-3'			
RevHTS1 5'- TAGCCAACGCATCGCACAAGCCA-3'			
Titanium Taq polymerase	Clontech	639210	
Trimmomatic software		www.usadellab.org	