

Materials List for

# Mapping the Structure-Function Relationships of Disordered Oncogenic Transcription Factors Using Transcriptomic Analysis

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jove.com/video/61564

## Materials

Name	Company	Catalog Number	Comments
<b>Wet Lab Reagents</b>			
anti-FLI rabbit pAb	Abcam	ab15289	1:500
anti-lamin B1 rabbit pAb	Abcam	ab16048	1:2000
Cell-based system for introduction of mutant constructs			Determined by cell system used
Cryotubes			For viral aliquots
DMEM	Corning Cellgro	10-013-CV	For viral production
Fetal bovine serum	Gibco	16000-044	For viral production
G418	ThermoFisher	10131027	For viral production
HEK293-EBNAs	ATCC	CRL-10852	For viral production
HEPES	Gibco	15630106	
Hygromycin B	ThermoFisher	10687010	
M2 anti-FLAG mouse mAb	Sigma	F3165	1:2000
Near IR-secondary antibodies	Li-Cor		
Optimem	Gibco	31985062	For viral production
Penicillin/Streptomycin/Glutamine	Gibco	10378-016	For viral production
Polybrene	Sigma	TR-1003-G	For viral transduction
Puromycin	Sigma	P8833	Stored at 2 mg/mL stock
RNeasy Plus kit	Qiagen	74136	Has gDNA removal columns
Selection reagents			As dictated by cell system used
Sodium Pyruvate	Gibco	11360-070	For viral production
Tissue culture media			Determined by cell system used
TransIT-LT1	Mirus	MIR 2304	For viral production
<b>Software</b>			

Access to HPC environment			
AnnotationDbi			1.38.2
Cairo			1.5-10
DESeq2			1.16.1
genefilter			1.58.1
ggbiplot			0.55
ggplot2			3.1.1
org.Hs.eg.db			3.4.1
pheatmap			1.0.12
PuTTY			
R			3.4.0
RColorBrewer			1.1-2
reshape2			1.4.3
rgl			0.100.19
R-studio			
STAR			Version 2.6 or later
sva			3.24.4
TrimGalore!			
WinSCP			