

Materials List for:

# Repressing Gene Transcription by Redirecting Cellular Machinery with Chemical Epigenetic Modifiers

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## Materials

Name	Company	Catalog Number	Comments
DMEM	Corning	10-013CV	
NEAA	Gibco	11140-050	
HEPES (for tissue culture)	Corning	25-060-CI	
BME (2-Mercaptoethanol)	Gibco	21985-023	
FBS	Atlantic Biologicals	S11550	Individual lots tested for quality
Covaris tubes	ThermoScientific	C4008-632R	
Covaris caps	ThermoScientific	C4008-2A	
PEI (polyethylenimine)	Polysciences	23966-1	
Transfection media (Opti-mem)	Gibco	31985070	
Virus centrifuge tubes	Beckman Coulter	344058	
Virus filter membrane	Corning	431220	
Polybrene	Santa Cruz Biotechnology	SC134220	
0.25 % Trypsin	Gibco	25200-056	with EDTA
0.05 % Trypsin	Gibco	25400-054	with EDTA
Puromycin	InvivoGen	ant-pr	
Blasticidin	InvivoGen	ant-bl	
SYBR Green Master Mix (asymmetrical cyanine dye)	Roche	4913914001	
H3K27ac antibody	Abcam	ab4729	
(ChIP kit) ChIP-IT High Sensitivity Kit	Active Motif	53040	
Sonicator	Covaris	E110	
Ultracentrifuge	Optima	XPN-80	
SW-32 centrifuge rotor	Beckman Coulter	14U4354	
SW-32 Ti centrifuge buckets	Beckman Coulter	130.2	
LentiX 293 Human Embryonic Kidney	Clontech	632180	
PBS	Corning	46-013-CM	
BSA	Fisher	BP9700	
EGTA	Sigma	E3889	
EDTA	Fisher	S311-100	

NaCl	Fisher	S271-1	
Glycerol	Fisher	G33-1	
Tris	Fisher	BP152	
NP40	Roche	11754599001	
Triton	MP Biomedicals	807426	
Glycine	Fisher	BP381-500	
TE buffer	Fisher	BP2474-1	
HEPES (for ChIP)	Fisher	BP310-100	
Gelatin	Sigma	G1890	
Flow cytometer, Attune NxT	Thermo Fisher	A24858	
FKBP-Gal4 plasmid	Addgene	44245	
psPAX2 plasmid	Addgene	12260	
pMD2.G plasmid	Addgene	12259	
Nanodroplets	MegaShear	N/A	
DNA Nanodrop	Thermo Fisher	ND1000	
Protease Inhibitors (Leupeptin)	Calbiochem/EMD	108975	
Protease Inhibitors (Chymostatin)	Calbiochem/EMD	230790	
Protease Inhibitors (Pepstatin)	Calbiochem/EMD	516481	
CiA:Oct4 mESC	The kind gift of G. Crabtree		
Lif-1C-alpha - producing Cos cells	The kind gift of J. Wysocka		