

Antisense Oligonucleotides as a Tool for Prolonged Knockdown of Nuclear lncRNAs in Human Cell Lines

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jove.com/video/65124

Materials

Name	Company	Catalog Number	Comments
15ml Centrifuge Tubes - 15ml Conical Tubes	Thermo Fisher Scientific	339650	
Corning 100 mm TC-treated Culture Dish	Corning	430167	Surface area:55 cm2
Corning 35 mm TC-treated Culture Dish	Corning	430165	Surface area: 9 cm2
DPBS, no calcium, no magnesium	Thermo Fisher Scientific	14190144	
Fetal Bovine Serum (FBS)	ATCC	30-2020	
HCT 116 cell line	ATCC	CCL-247	
HEPES, 1M Buffer Solution	Thermo Fisher Scientific	15630122	
Integrated DNA Technologies	NA	NA	https://www.idtdna.com/
Lipofectamine RNAiMAX Reagent	Thermo Fisher Scientific	13778150	
McCoy's 5A medium	ATCC	30-2007	
Normal Human Primary Prostate Epithelial Cells (HPrEC)	ATCC	PCS-440-010	
Nucleotide Blast NCBI	NA	NA	https://blast.ncbi.nlm.nih.gov/Blast.cgi
Opti-MEM Reduced Serum Media	Thermo Fisher Scientific	31985070	
PBS (10X), pH 7.4	Thermo Fisher Scientific		
Prostate Epithelial Cell Basal Medium	ATCC	PCS-440-030	
Prostate Epithelial Cell Growth Kit	ATCC	PCS-440-040	
Reverse complement online tool	NA	NA	https://www.bioinformatics.org/sms/rev_comp.html
RNAfold WebServer	NA	NA	http://rna.tbi.univie.ac.at/cgi-bin/RNAWebSuite/RNAfold.cgi
RNase-free Microfuge Tubes, 1.5 mL	Thermo Fisher Scientific	AM12400	
TrypLE Express Enzyme (1X), no phenol red	Thermo Fisher Scientific	12604013	Trypsin-EDTA solution
Trypsin Neutralizing Solution	ATCC	PCS-999-004	

Trypsin-EDTA for Primary Cells	ATCC	PCS-999-003	
UCSC Genome Browser, Human (GRCh38/hg38)	NA	NA	https://genome.ucsc.edu/