

Materials List for:

Using CRISPR/Cas9 Gene Editing to Investigate the Oncogenic Activity of Mutant Calreticulin in Cytokine Dependent Hematopoietic Cells

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Materials

Name	Company	Catalog Number	Comments
BsmBI	New England Biolabs	R0580L	
Blasticidin	Sigma Aldrich	15025	
Puromycin	Life Technologies	A1113803	
Stbl3 cells	Life Technologies	C737303	
TransIT-LT1	Thermo Fisher Scientific	MIR2300	
Opti-MEM	Life Technologies	51985034	
RPMI	Thermo Fisher Scientific	MT10040CV	
DMEM	Thermo Fisher Scientific	10-017-CV	
Fetal bovine serum (FBS)	Omega Scientific	FB-11	
Penicillin/streptomycin/L-glutamine	Life Technologies	10378016	
mIL-3	Peprtech	213-13	
psPAX2	Addgene	N/A	
pCMV-VSV-G	Addgene	N/A	
pLX_TRC311-Cas9	Addgene	N/A	
polybrene	Sigma Aldrich	H9268	
pXPR-011	Addgene	N/A	
Phosphate Buffered Saline (PBS)	Genessee Scientific	25-507	
TAE buffer	Thermo Fisher Scientific	FERB49	
LentiGuide-Puro	Addgene	Plasmid #52963	
PNK	New England Biolabs	M0201S	
T4 ligase	New England Biolabs	M0202S	
PCR purification kit	Qiagen	28104	
Miniprep kit	Qiagen	27104	